API Reference

AWS Marketplace

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AWS Marketplace: API Reference

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Welcome

AWS Marketplace Catalog Service

> **Note**
>
> The AWS Marketplace API Reference was restructured. For more information about using the AWS Marketplace API, see the AWS Marketplace Developer Guide.

Catalog API actions allow you to manage your entities through list, describe, and update capabilities. An *entity* can be a product or an offer on AWS Marketplace.

You can automate your entity update process by integrating the AWS Marketplace Catalog API with your AWS Marketplace product build or deployment pipelines. You can also create your own applications on top of the Catalog API to manage your products on AWS Marketplace.

AWS Marketplace Entitlement Service

This reference provides descriptions of the AWS Marketplace Entitlement Service API.

AWS Marketplace Entitlement Service is used to determine the entitlement of a customer to a given product. An entitlement represents capacity in a product owned by the customer. For example, a customer might own some number of users or seats in an SaaS application or some amount of data capacity in a multi-tenant database.

Getting Entitlement Records

- *GetEntitlements*- Gets the entitlements for a Marketplace product.

AWS Marketplace Agreement Service

AWS Marketplace is a curated digital catalog that customers can use to find, buy, deploy, and manage third-party software, data, and services to build solutions and run their businesses. The AWS Marketplace Agreement Service provides an API interface that helps AWS Marketplace sellers and buyers manage their product-related agreements, including listing, searching, creating, and filtering agreements.

AWS Marketplace Deployment Service

The AWS Marketplace Deployment Service supports the Quick Launch experience, which is a deployment option for software as a service (SaaS) products. Quick Launch simplifies and reduces the time, resources, and steps required to configure, deploy, and launch a products. The AWS Marketplace Deployment Service provides sellers with a secure method for passing deployment parameters, such as API keys and external IDs, to buyers during the Quick Launch experience.

AWS Marketplace Discovery

The AWS Marketplace Discovery API provides programmatic access to the AWS Marketplace catalog, including searching and browsing listings, retrieving product details and fulfillment options, and accessing public and private offer pricing and terms.

AWS Marketplace Reporting Service

The AWS Marketplace `GetBuyerDashboard` API enables you to get a procurement insights dashboard programmatically. The API gets the agreement and cost analysis dashboards with data for all of the AWS accounts in your AWS Organization.

To use the AWS Marketplace Reporting API, you must complete the following prerequisites:

- Enable all features for your organization. For more information, see Enabling all features for an organization with AWS Organizations, in the *AWS Organizations User Guide*.
- Call the service as the AWS Organizations management account or an account registered as a delegated administrator for the procurement insights service.

  For more information about management accounts, see Tutorial: Creating and configuring an organization and Managing the management account with AWS Organizations, both in the *AWS Organizations User Guide*.

  For more information about delegated administrators, see Using delegated administrators, in the *AWS Marketplace Buyer Guide*.
- Create an IAM policy that enables the `aws-marketplace:GetBuyerDashboard` and `organizations:DescribeOrganization` permissions. In addition, the management account requires the `organizations:EnableAWSServiceAccess` and `iam:CreateServiceLinkedRole` permissions to create. For more information about creating

the policy, see Policies and permissions in AWS Identity and Access Management, in the *IAM User Guide*.

> **Note**
>
> Access can be shared only by registering the desired linked account as a delegated administrator. That requires `organizations:RegisterDelegatedAdministrator` `organizations:ListDelegatedAdministrators` and `organizations:DeregisterDelegatedAdministrator` permissions.

- Use the AWS Marketplace console to create the `AWSServiceRoleForProcurementInsightsPolicy` service-linked role. The role enables AWS Marketplace procurement visibility integration. The management account requires an IAM policy with the `organizations:EnableAWSServiceAccess` and `iam:CreateServiceLinkedRole` permissions to create the service-linked role and enable the service access. For more information, see Granting access to AWS Organizations and Service-linked role to share procurement data in the *AWS Marketplace Buyer Guide*.
- After creating the service-linked role, you must enable trusted access that grants AWS Marketplace permission to access data from your AWS Organizations. For more information, see Granting access to AWS Organizations in the *AWS Marketplace Buyer Guide*.

AWS Marketplace Metering Service

This reference provides descriptions of the low-level AWS Marketplace Metering Service API.

AWS Marketplace sellers can use this API to submit usage data for custom usage dimensions.

For information about the permissions that you need to use this API, see AWS Marketplace metering and entitlement API permissions in the *AWS Marketplace Seller Guide.*

Submitting metering records

MeterUsage

- Submits the metering record for an AWS Marketplace product.
- Called from: Amazon Elastic Compute Cloud (Amazon EC2) instance or a container running on either Amazon Elastic Kubernetes Service (Amazon EKS) or Amazon Elastic Container Service (Amazon ECS)

- Supported product types: Amazon Machine Images (AMIs) and containers
- Vendor-metered tagging: Supported allocation tagging

BatchMeterUsage

- Submits the metering record for a set of customers. `BatchMeterUsage` API calls are captured by AWS CloudTrail. You can use CloudTrail to verify that the software as a service (SaaS) metering records that you sent are accurate by searching for records with the `eventName` of `BatchMeterUsage`. You can also use CloudTrail to audit records over time. For more information, see the AWS CloudTrail User Guide.
- Called from: SaaS applications
- Supported product type: SaaS
- Vendor-metered tagging: Supports allocation tagging

Accepting new customers

ResolveCustomer

- Resolves the registration token that the buyer submits through the browser during the registration process. Obtains a `CustomerIdentifier` along with the `CustomerAWSAccountId`, `ProductCode`, and `LicenseArn`.
- Called from: SaaS application during the registration process
- Supported product type: SaaS
- Vendor-metered tagging: Not applicable

Entitlement and metering for paid container products

RegisterUsage

- Provides software entitlement and metering. Paid container software products sold through AWS Marketplace must integrate with the AWS Marketplace Metering Service and call the `RegisterUsage` operation. Free and Bring Your Own License model (BYOL) products for Amazon ECS or Amazon EKS aren't required to call `RegisterUsage`. However, you can do so if you want to receive usage data in your seller reports. For more information about using the `RegisterUsage` operation, see Container-based products.
- Called from: Paid container software products

- Supported product type: Containers
- Vendor-metered tagging: Not applicable

Entitlement custom metering for container products

- MeterUsage API is available in GovCloud Regions but only supports AMI FCP products in GovCloud Regions. Flexible Consumption Pricing (FCP) Container products aren't supported in GovCloud Regions: us-gov-west-1 and us-gov-east-1. For more information, see Container-based products.
- Custom metering for container products are called using the MeterUsage API. The API is used for FCP AMI and FCP Container product metering.

Custom metering for Amazon EKS is available in 17 AWS Regions

- The metering service supports Amazon ECS and EKS for Flexible Consumption Pricing (FCP) products using MeterUsage API. Amazon ECS is supported in all AWS Regions that MeterUsage API is available except for GovCloud.
- Amazon EKS is supported in the following: us-east-1, us-east-2, us-west-1, us-west-2, eu-west-1, eu-central-1, eu-west-2, eu-west-3, eu-north-1, ap-east-1, ap-southeast-1, ap-northeast-1, ap-southeast-2, ap-northeast-2, ap-south-1, ca-central-1, sa-east-1.

> **Note**
>
> For questions about adding AWS Regions for metering, contact AWS Marketplace Seller Operations.

Actions

The following actions are supported by AWS Marketplace Catalog Service:

- BatchDescribeEntities
- CancelChangeSet
- DeleteResourcePolicy
- DescribeAssessment
- DescribeChangeSet
- DescribeEntity
- GetResourcePolicy
- ListAssessments
- ListChangeSets
- ListEntities
- ListTagsForResource
- PutResourcePolicy
- StartChangeSet
- TagResource
- UntagResource

The following actions are supported by AWS Marketplace Entitlement Service:

- GetEntitlements

The following actions are supported by AWS Marketplace Agreement Service:

- AcceptAgreementCancellationRequest
- AcceptAgreementPaymentRequest
- AcceptAgreementRequest
- BatchCreateBillingAdjustmentRequest
- CancelAgreement
- CancelAgreementCancellationRequest

- CancelAgreementPaymentRequest
- CreateAgreementRequest
- DescribeAgreement
- GetAgreementCancellationRequest
- GetAgreementEntitlements
- GetAgreementPaymentRequest
- GetAgreementTerms
- GetBillingAdjustmentRequest
- ListAgreementCancellationRequests
- ListAgreementCharges
- ListAgreementInvoiceLineItems
- ListAgreementPaymentRequests
- ListBillingAdjustmentRequests
- RejectAgreementCancellationRequest
- RejectAgreementPaymentRequest
- SearchAgreements
- SendAgreementCancellationRequest
- SendAgreementPaymentRequest
- UpdatePurchaseOrders

The following actions are supported by AWS Marketplace Deployment Service:

- ListTagsForResource
- PutDeploymentParameter
- TagResource
- UntagResource

The following actions are supported by AWS Marketplace Discovery:

- GetListing
- GetOffer
- GetOfferSet

- GetOfferTerms
- GetProduct
- ListFulfillmentOptions
- ListPurchaseOptions
- SearchFacets
- SearchListings

The following actions are supported by AWS Marketplace Reporting Service:

- GetBuyerDashboard

The following actions are supported by AWS Marketplace Metering Service:

- BatchMeterUsage
- MeterUsage
- RegisterUsage
- ResolveCustomer

AWS Marketplace Catalog Service

The following actions are supported by AWS Marketplace Catalog Service:

- BatchDescribeEntities
- CancelChangeSet
- DeleteResourcePolicy
- DescribeAssessment
- DescribeChangeSet
- DescribeEntity
- GetResourcePolicy
- ListAssessments
- ListChangeSets
- ListEntities
- ListTagsForResource

- PutResourcePolicy
- StartChangeSet
- TagResource
- UntagResource

BatchDescribeEntities

Service: AWS Marketplace Catalog Service

Returns metadata and content for multiple entities. This is the Batch version of the `DescribeEntity` API and uses the same IAM permission action as `DescribeEntity` API.

Request Syntax

```
POST /BatchDescribeEntities HTTP/1.1
Content-type: application/json

{
   "EntityRequestList": [
      {
         "Catalog": "string",
         "EntityId": "string"
      }
   ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

EntityRequestList

List of entity IDs and the catalogs the entities are present in.

Type: Array of EntityRequest objects

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
   "EntityDetails": {
      "string" : {
         "DetailsDocument": JSON value,
         "EntityArn": "string",
         "EntityIdentifier": "string",
         "EntityType": "string",
         "LastModifiedDate": "string"
      }
   },
   "Errors": {
      "string" : {
         "ErrorCode": "string",
         "ErrorMessage": "string"
      }
   }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

EntityDetails

Details about each entity.

Type: String to EntityDetail object map

Key Length Constraints: Minimum length of 1. Maximum length of 255.

Key Pattern: `^[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Errors

A map of errors returned, with `EntityId` as the key and `errorDetail` as the value.

Type: String to BatchDescribeErrorDetail object map

Key Length Constraints: Minimum length of 1. Maximum length of 255.

Key Pattern: `^[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

Access is denied.

HTTP status code: 403

HTTP Status Code: 403

InternalServiceException

There was an internal service exception.

HTTP status code: 500

HTTP Status Code: 500

ThrottlingException

Too many requests.

HTTP status code: 429

HTTP Status Code: 429

ValidationException

An error occurred during validation.

HTTP status code: 422

HTTP Status Code: 422

Examples

Sample request for SaaS products

You can use `BatchDescribeEntities` to obtain information about multiple software as a service (SaaS) products at the same time. The examples below show how to obtain details on two products at the same time and how the response looks like when one product exists and another one does not.

```
{
```

```
    "EntityRequestList": [
        { "EntityId": "example-123-abcd", "Catalog": "AWSMarketplace"},
        { "EntityId": "example-456-abcd", "Catalog": "AWSMarketplace"}
    ]
}
```

Sample response for SaaS products

This example illustrates one usage of BatchDescribeEntities.

```
{
    "EntityDetails": {
        "example-123-abcd": {
            "EntityArn": "arn:aws:aws-marketplace:us-
east-1:123456789012:AWSMarketplace/SaaSProduct/example-123-abcd",
            "EntityType": "SaaSProduct@1.0",
            "EntityIdentifier": "example-123-abcd@1",
            "LastModifiedDate": "2023-07-31T20:37:08Z",
            "DetailsDocument": {
                "Description": {
                    "ProductTitle": "Test title",
                    "ProductCode": "prod-example123",
                    "ShortDescription": "Test description",
                    "Manufacturer": "TeamExtension",
                    "LongDescription": "The full description.",
                    "Sku": null,
                    "Highlights": [
                        "test highlights"
                    ],
                    "AssociatedProducts": null,
                    "SearchKeywords": [
                        "Configuration file management"
                    ],
                    "Visibility": "Limited",
                    "ProductState": "Active",
                    "Categories": [
                        "Security"
                    ]
                },
                "PromotionalResources": {
                    "LogoUrl": "http://awsmp-logos.s3.amazonaws.com/11267590-efc3-4be5-
b1b2-7e461e1dd2c6_config_Logo.png",
                    "Videos": [],
                    "AdditionalResources": [
```

```
                    {
                        "Type": "Link",
                        "Text": "Manage your configuration files with ease",
                        "Url": "http://www.configapp.com/post/category/tutorials/"
                    }
                ],
                "PromotionalMedia": null
            },
            "SupportInformation": {
                "Description": "Site tutorials, mail and direct contact details",
                "Resources": []
            },
            "Dimensions": [
                {
                    "Name": "Starter Plan",
                    "Description": "Starter Plan",
                    "Key": "StarterPlan",
                    "Unit": "Mbps",
                    "Types": [
                        "ExternallyMetered"
                    ]
                }
            ],
            "Versions": [
                {
                    "Id": "version-123",
                    "DeliveryOptions": [
                        {
                            "Id": "do-hg5tfkwp2vxqi",
                            "Type": "SoftwareRegistration",
                            "FulfillmentUrl": ""
                        }
                    ]
                }
            ],
            "Targeting": {
                "PositiveTargeting": {
                    "BuyerAccounts": [
                        "123456789012"
                    ]
                }
            }
        },
    }
```

```
    },
     "Errors": {
        "example-456-abcd": {
            "ErrorCode": "ResourceNotFound",
            "ErrorMessage": "Requested entity 'example-456-abcd' does not exist."
        }
    }
}
```

Sample request for offer entities

You can use `BatchDescribeEntities` to obtain information about multiple offers at once. The examples below show how to obtain details on two offers at the same time.

```
{
    "EntityRequestList": [
        { "EntityId": "offer-example123", "Catalog": "AWSMarketplace"},
        { "EntityId": "offer-example456", "Catalog": "AWSMarketplace"}
    ]
}
```

Sample response for offer entities

This example illustrates one usage of BatchDescribeEntities.

```
{
    "EntityDetails": {
        "offer-example123": {
            "EntityArn": "arn:aws:aws-marketplace:us-
east-1:123456789012:AWSMarketplace/Offer/offer-example123",
            "EntityType": "Offer@1.0",
            "EntityIdentifier": "offer-example123@1",
            "LastModifiedDate": "2023-07-31T20:37:08Z",
            "DetailsDocument": {
                "Id": "offer-example123",
                "State": "Released",
                "Name": "Test Offer",
                "Description": "Worldwide offer for Test Product",
                "PreExistingAgreement": {
                "AcquisitionChannel": "External",
                "PricingModel": "Contract"
                },
                "ProductId": "prod-example123",
```

```
                "Terms": [
                {
                    "Type": "SupportTerm",
                    "RefundPolicy": "If you need to request a refund for software sold
 by Amazon Web Services, LLC, please contact AWS Customer Service."
                },
                {
                    "Type": "LegalTerm",
                    "Documents": [
                    {
                        "Type": "CustomEula",
                        "Url": "https://s3.amazonaws.com/EULA/custom-eula-1234.txt"
                    }
                    ]
                },
                {
                    "Type": "FreeTrialPricingTerm",
                    "Duration": "P30D",
                    "Grants": [
                    {
                        "DimensionKey": "m3.xlarge",
                        "MaxQuantity": 10
                    },
                    {
                        "DimensionKey": "m4.xlarge",
                        "MaxQuantity": 10
                    }
                    ]
                },
                {
                    "Type": "ConfigurableUpfrontPricingTerm",
                    "CurrencyCode": "USD",
                    "RateCards": [
                    {
                        "Selector": {
                        "Type": "Duration",
                        "Value": "P365D"
                        },
                        "RateCard": [
                        {
                            "DimensionKey": "m3.large",
                            "Price": "300.00"
                        },
                        {
```

```
                        "DimensionKey": "m4.xlarge",
                        "Price": "400.00"
                    }
                    ],
                    "Constraints": {
                    "MultipleDimensionSelection": "Allowed",
                    "QuantityConfiguration": "Allowed"
                    }
                }
                ]
            },
            {
                "Type": "UsageBasedPricingTerm",
                "CurrencyCode": "USD",
                "RateCards": [
                {
                    "RateCard": [
                    {
                        "DimensionKey": "m3.large",
                        "Price": "0.10"
                    },
                    {
                        "DimensionKey": "m4.xlarge",
                        "Price": "0.20"
                    }
                    ]
                }
                ]
            },
            {
                "Type": "FixedUpfrontPricingTerm",
                "CurrencyCode": "USD",
                "Price": "200.00",
                "Grants": [
                {
                    "DimensionKey": "Users",
                    "MaxQuantity": 10
                }
                ]
            },
            {
                "Type": "RecurringPaymentTerm",
                "CurrencyCode": "USD",
                "BillingPeriod": "Monthly",
```

```
                "Price": "100.0"
            },
            {
                "Type": "PaymentScheduleTerm",
                "CurrencyCode": "USD",
                "Schedule": [
                {
                    "ChargeDate": "2020-12-01T00:00:00.000Z",
                    "ChargeAmount": "1000.00"
                },
                {
                    "ChargeDate": "2021-06-15T00:00:00.000Z",
                    "ChargeAmount": "1250.00"
                }
                ]
            },
            {
                "Type": "ByolPricingTerm"
            },
            {
                "Type": "RenewalTerm"
            }
            ],
            "Rules": [
            {
                "Type": "TargetingRule",
                "PositiveTargeting": {
                "CountryCodes": [
                    "US",
                    "CA"
                ],
                "BuyerAccounts": [
                    "123456789012"
                ]
                },
                "NegativeTargeting": {
                "CountryCodes": [
                    "XX"
                ]
                }
            },
            {
                "Type": "AvailabilityRule",
                "AvailabilityEndDate": "2024-08-30T01:56:03.000Z"
```

```
                }
                ]
            }
        },
        "offer-example456": {
            "EntityArn": "arn:aws:aws-marketplace:us-
east-1:123456789012:AWSMarketplace/Offer/offer-example456",
            "EntityType": "Offer@1.0",
            "EntityIdentifier": "offer-example456@1",
            "LastModifiedDate": "2023-07-31T21:37:08Z",
            "DetailsDocument": {
                "Id": "offer-example456",
                "State": "Released",
                "Name": "Test Offer",
                "Description": "Worldwide offer for Test Product",
                "PreExistingAgreement": {
                "AcquisitionChannel": "External",
                "PricingModel": "Contract"
                },
                "ProductId": "prod-example456",
                "Terms": [
                {
                    "Type": "SupportTerm",
                    "RefundPolicy": "If you need to request a refund for software sold
 by Amazon Web Services, LLC, please contact AWS Customer Service."
                },
                {
                    "Type": "LegalTerm",
                    "Documents": [
                    {
                        "Type": "CustomEula",
                        "Url": "https://s3.amazonaws.com/EULA/custom-eula-1234.txt"
                    }
                    ]
                },
                {
                    "Type": "FreeTrialPricingTerm",
                    "Duration": "P30D",
                    "Grants": [
                    {
                        "DimensionKey": "m3.xlarge",
                        "MaxQuantity": 10
                    },
                    {
```

```
                    "DimensionKey": "m4.xlarge",
                    "MaxQuantity": 10
                }
                ]
            },
            {
                "Type": "ConfigurableUpfrontPricingTerm",
                "CurrencyCode": "USD",
                "RateCards": [
                {
                    "Selector": {
                    "Type": "Duration",
                    "Value": "P365D"
                    },
                    "RateCard": [
                    {
                        "DimensionKey": "m3.large",
                        "Price": "300.00"
                    },
                    {
                        "DimensionKey": "m4.xlarge",
                        "Price": "400.00"
                    }
                    ],
                    "Constraints": {
                    "MultipleDimensionSelection": "Allowed",
                    "QuantityConfiguration": "Allowed"
                    }
                }
                ]
            },
            {
                "Type": "UsageBasedPricingTerm",
                "CurrencyCode": "USD",
                "RateCards": [
                {
                    "RateCard": [
                    {
                        "DimensionKey": "m3.large",
                        "Price": "0.10"
                    },
                    {
                        "DimensionKey": "m4.xlarge",
                        "Price": "0.20"
```

```
                    }
                    ]
                }
                ]
            },
            {
                "Type": "FixedUpfrontPricingTerm",
                "CurrencyCode": "USD",
                "Price": "200.00",
                "Grants": [
                {
                    "DimensionKey": "Users",
                    "MaxQuantity": 10
                }
                ]
            },
            {
                "Type": "RecurringPaymentTerm",
                "CurrencyCode": "USD",
                "BillingPeriod": "Monthly",
                "Price": "100.0"
            },
            {
                "Type": "PaymentScheduleTerm",
                "CurrencyCode": "USD",
                "Schedule": [
                {
                    "ChargeDate": "2020-12-01T00:00:00.000Z",
                    "ChargeAmount": "1000.00"
                },
                {
                    "ChargeDate": "2021-06-15T00:00:00.000Z",
                    "ChargeAmount": "1250.00"
                }
                ]
            },
            {
                "Type": "ByolPricingTerm"
            },
            {
                "Type": "RenewalTerm"
            }
            ],
            "Rules": [
```

```
                {
                    "Type": "TargetingRule",
                    "PositiveTargeting": {
                    "CountryCodes": [
                        "US",
                        "CA"
                    ],
                    "BuyerAccounts": [
                        "123456789012"
                    ]
                    },
                    "NegativeTargeting": {
                    "CountryCodes": [
                        "XX"
                    ]
                    }
                },
                {
                    "Type": "AvailabilityRule",
                    "AvailabilityEndDate": "2024-08-30T01:56:03.000Z"
                }
                ]
            }
        },
        }
    }
}
```

Sample request for resale authorization entities

You can use `BatchDescribeEntities` to obtain information on multiple resale authorizations at once. The examples below show how to obtain details on two resale authorizations at the same time.

```
{
    "EntityRequestList": [
        { "EntityId": "resaleauthz-example123", "Catalog": "AWSMarketplace"},
        { "EntityId": "resaleauthz-example456", "Catalog": "AWSMarketplace"}
    ]
}
```

Sample response for resale authorization entities

This example illustrates one usage of BatchDescribeEntities.


```
{
    "EntityDetails": {
        "resaleauthz-example123": {
            "EntityArn": "arn:aws:aws-marketplace:us-
east-1:123456789012:AWSMarketplace/ResaleAuthorization/resaleauthz-example123",
            "EntityType": "ResaleAuthorization@1.0",
            "EntityIdentifier": "resaleauthz-example123@1",
            "LastModifiedDate": "2023-07-31T20:37:08Z",
            "DetailsDocument": {
                "Name": "TestResaleAuthorization",
                "Description": "ResaleAuthorization for Test Product",
                "ProductId": "prod-example123",
                "ProductName": "TestProduct",
                "Status": "Active",
                "PreExistingBuyerAgreement": {
                "AcquisitionChannel": "Unknown",
                "PricingModel": "Unknown"
                },
                "CreatedDate": "2023-07-18T16:39:31.335Z",
                "ManufacturerLegalName": "ChannelCAPI.Inc",
                "ManufacturerAccountId": "123456789012",
                "Dimensions": [
                {
                    "Name": "Protected Resources",
                    "Description": "Additional 100 protected resources",
                    "Key": "hundredresources",
                    "Unit": "Units",
                    "Types": [
                    "Entitled"
                    ]
                }
                ],
                "OfferDetails": {
                "OfferExtendedStatus": "Not Started",
                "OfferCreatedCount": 0
                },
                "Terms": [
                {
                    "Type": "ResaleUsageBasedPricingTerm",
                    "Id": "term_id_placeholder",
```

```
                    "CurrencyCode": "USD",
                    "RateCards": [
                    {
                        "RateCard": [
                        {
                            "DimensionKey": "resource_number",
                            "Price": "0.05"
                        },
                        {
                            "DimensionKey": "scanned_data",
                            "Price": "0.05"
                        }
                        ]
                    }
                    ]
                },
                {
                    "Type": "ResaleConfigurableUpfrontPricingTerm",
                    "Id": "term_id_placeholder",
                    "CurrencyCode": "USD",
                    "RateCards": [
                    {
                        "Selector": {
                        "Type": "Duration",
                        "Value": "P24M"
                        },
                        "RateCard": [
                        {
                            "DimensionKey": "hundredresources",
                            "Price": "0.04"
                        },
                        {
                            "DimensionKey": "tenTBData",
                            "Price": "0.03"
                        },
                        {
                            "DimensionKey": "channel_custom",
                            "Price": "0.02"
                        }
                        ],
                        "Constraints": {
                        "MultipleDimensionSelection": "Allowed",
                        "QuantityConfiguration": "Allowed"
                        }
```

```
                    }
                    ]
                },
                {
                    "Type": "ResaleFixedUpfrontPricingTerm",
                    "Id": "term-123",
                    "CurrencyCode": "USD",
                    "Duration": "P180D",
                    "Price": "0.0",
                    "Grants": [
                    {
                        "DimensionKey": "example1230xm1",
                        "MaxQuantity": 1
                    }
                    ]
                },
                {
                    "Type": "ResalePaymentScheduleTerm",
                    "Id": "term-123",
                    "CurrencyCode": "USD",
                    "Schedule": [
                    {
                        "ChargeDate": "2018-07-01T00:00:00.000Z",
                        "ChargeAmount": "200.00"
                    },
                    {
                        "ChargeDate": "2019-05-01T00:00:00.000Z",
                        "ChargeAmount": "200.00"
                    }
                    ]
                },
                {
                    "Type": "BuyerLegalTerm",
                    "Id": "term_id_placeholder",
                    "Documents": [
                    {
                        "Type": "StandardEula",
                        "Url": "https://s3.amazonaws.com/EULA/custom-eula-1234.txt"
                    }
                    ]
                },
                {
                    "Type": "ResaleLegalTerm",
                    "Id": "term_id_placeholder",
```

```
                    "Documents": [
                    {
                        "Type": "StandardResellerContract",
                        "Url": "https://s3.amazonaws.com/EULA/custom-eula-1234.txt"
                    }
                    ]
                },
                {
                    "Type": "BuyerValidityTerm",
                    "Id": "term_id_placeholder",
                    "MaximumAgreementStartDate": "2023-09-25T23:59:59.000Z"
                },
                {
                    "Type": "BuyerTargetingTerm",
                    "Id": "term_id_placeholder",
                    "PositiveTargeting": {
                    "BuyerAccounts": [
                        {
                        "AwsAccountId": "123456789012"
                        }
                    ]
                    }
                }
                ],
                "Rules": [
                {
                    "Type": "AvailabilityRule",
                    "Id": "availability_rule_id_placeholder",
                    "Usage": "Limited",
                    "AvailabilityEndDate": "2024-05-31T23:59:59Z",
                    "OffersMaxQuantity": 1
                },
                {
                    "Type": "PartnerTargetingRule",
                    "Id": "partner_targeting_rule_id_placeholder",
                    "ResellerAccountId": "123456789012",
                    "ResellerLegalName": "ChannelCAPICP.Inc",
                    "ResellerRole": "ChannelPartner"
                }
                ]
            }
        },
        "resaleauthz-example456": {
```

```
            "EntityArn": "arn:aws:aws-marketplace:us-
east-1:123456789012:AWSMarketplace/ResaleAuthorization/resaleauthz-example456",
            "EntityType": "ResaleAuthorization@1.0",
            "EntityIdentifier": "resaleauthz-example456@1",
            "LastModifiedDate": "2023-07-31T22:37:08Z",
            "DetailsDocument": {
                "Name": "TestResaleAuthorization",
                "Description": "ResaleAuthorization for Test Product",
                "ProductId": "prod-example456",
                "ProductName": "TestProduct",
                "Status": "Active",
                "PreExistingBuyerAgreement": {
                "AcquisitionChannel": "Unknown",
                "PricingModel": "Unknown"
                },
                "CreatedDate": "2023-07-18T16:39:31.335Z",
                "ManufacturerLegalName": "ChannelCAPI.Inc",
                "ManufacturerAccountId": "123456789012",
                "Dimensions": [
                {
                    "Name": "Protected Resources",
                    "Description": "Additional 100 protected resources",
                    "Key": "hundredresources",
                    "Unit": "Units",
                    "Types": [
                    "Entitled"
                    ]
                }
                ],
                "OfferDetails": {
                "OfferExtendedStatus": "Not Started",
                "OfferCreatedCount": 0
                },
                "Terms": [
                {
                    "Type": "ResaleUsageBasedPricingTerm",
                    "Id": "term_id_placeholder",
                    "CurrencyCode": "USD",
                    "RateCards": [
                    {
                        "RateCard": [
                        {
                            "DimensionKey": "resource_number",
                            "Price": "0.05"
```

```
                    },
                    {
                        "DimensionKey": "scanned_data",
                        "Price": "0.05"
                    }
                    ]
                }
                ]
            },
            {
                "Type": "ResaleConfigurableUpfrontPricingTerm",
                "Id": "term_id_placeholder",
                "CurrencyCode": "USD",
                "RateCards": [
                {
                    "Selector": {
                    "Type": "Duration",
                    "Value": "P24M"
                    },
                    "RateCard": [
                    {
                        "DimensionKey": "hundredresources",
                        "Price": "0.04"
                    },
                    {
                        "DimensionKey": "tenTBData",
                        "Price": "0.03"
                    },
                    {
                        "DimensionKey": "channel_custom",
                        "Price": "0.02"
                    }
                    ],
                    "Constraints": {
                    "MultipleDimensionSelection": "Allowed",
                    "QuantityConfiguration": "Allowed"
                    }
                }
                ]
            },
            {
                "Type": "ResaleFixedUpfrontPricingTerm",
                "Id": "term-123",
                "CurrencyCode": "USD",
```

```
                    "Duration": "P180D",
                    "Price": "0.0",
                    "Grants": [
                    {
                        "DimensionKey": "example1230xm1",
                        "MaxQuantity": 1
                    }
                    ]
                },
                {
                    "Type": "ResalePaymentScheduleTerm",
                    "Id": "term-123",
                    "CurrencyCode": "USD",
                    "Schedule": [
                    {
                        "ChargeDate": "2018-07-01T00:00:00.000Z",
                        "ChargeAmount": "200.00"
                    },
                    {
                        "ChargeDate": "2019-05-01T00:00:00.000Z",
                        "ChargeAmount": "200.00"
                    }
                    ]
                },
                {
                    "Type": "BuyerLegalTerm",
                    "Id": "term_id_placeholder",
                    "Documents": [
                    {
                        "Type": "StandardEula",
                        "Url": "https://s3.amazonaws.com/EULA/custom-eula-1234.txt"
                    }
                    ]
                },
                {
                    "Type": "ResaleLegalTerm",
                    "Id": "term_id_placeholder",
                    "Documents": [
                    {
                        "Type": "StandardResellerContract",
                        "Url": "https://s3.amazonaws.com/EULA/custom-eula-1234.txt"
                    }
                    ]
                },
```

```
                {
                    "Type": "BuyerValidityTerm",
                    "Id": "term_id_placeholder",
                    "MaximumAgreementStartDate": "2023-09-25T23:59:59.000Z"
                },
                {
                    "Type": "BuyerTargetingTerm",
                    "Id": "term_id_placeholder",
                    "PositiveTargeting": {
                    "BuyerAccounts": [
                        {
                        "AwsAccountId": "123456789012"
                        }
                    ]
                    }
                }
                ],
                "Rules": [
                {
                    "Type": "AvailabilityRule",
                    "Id": "availability_rule_id_placeholder",
                    "Usage": "Limited",
                    "AvailabilityEndDate": "2024-05-31T23:59:59Z",
                    "OffersMaxQuantity": 1
                },
                {
                    "Type": "PartnerTargetingRule",
                    "Id": "partner_targeting_rule_id_placeholder",
                    "ResellerAccountId": "123456789012",
                    "ResellerLegalName": "ChannelCAPICP.Inc",
                    "ResellerRole": "Distributor"
                }
                ]
            }
        }
    }
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

CancelChangeSet

Service: AWS Marketplace Catalog Service

Used to cancel an open change request. Must be sent before the status of the request changes to `APPLYING`, the final stage of completing your change request. You can describe a change during the 60-day request history retention period for API calls.

Request Syntax

```
PATCH /CancelChangeSet?catalog=Catalog&changeSetId=ChangeSetId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

Catalog

Required. The catalog related to the request. Fixed value: `AWSMarketplace`.

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[a-zA-Z]+$`

Required: Yes

ChangeSetId

Required. The unique identifier of the `StartChangeSet` request that you want to cancel.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-]+$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
   "ChangeSetArn": "string",
   "ChangeSetId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ChangeSetArn

The ARN associated with the change set referenced in this request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[a-zA-Z0-9:*/-]+$`

ChangeSetId

The unique identifier for the change set referenced in this request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-]+$`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

Access is denied.

HTTP status code: 403

HTTP Status Code: 403

InternalServiceException

There was an internal service exception.

HTTP status code: 500

HTTP Status Code: 500

ResourceInUseException

The resource is currently in use.

HTTP Status Code: 423

ResourceNotFoundException

The specified resource wasn't found.

HTTP status code: 404

HTTP Status Code: 404

ThrottlingException

Too many requests.

HTTP status code: 429

HTTP Status Code: 429

ValidationException

An error occurred during validation.

HTTP status code: 422

HTTP Status Code: 422

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4

- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

DeleteResourcePolicy

Service: AWS Marketplace Catalog Service

Deletes a resource-based policy on an entity that is identified by its resource ARN.

Request Syntax

```
DELETE /DeleteResourcePolicy?resourceArn=ResourceArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ResourceArn

The Amazon Resource Name (ARN) of the entity resource that is associated with the resource policy.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^arn:[\w+=/,.@-]+:aws-marketplace:[\w+=/,.@-]*:[0-9]+:[\w+=,.@-]+(/[\w+=,.@-]+)*$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

Access is denied.

HTTP status code: 403

HTTP Status Code: 403

InternalServiceException

There was an internal service exception.

HTTP status code: 500

HTTP Status Code: 500

ResourceNotFoundException

The specified resource wasn't found.

HTTP status code: 404

HTTP Status Code: 404

ThrottlingException

Too many requests.

HTTP status code: 429

HTTP Status Code: 429

ValidationException

An error occurred during validation.

HTTP status code: 422

HTTP Status Code: 422

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2

- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

DescribeAssessment

Service: AWS Marketplace Catalog Service

Returns the metadata and detailed results of a single assessment, including the framework that was evaluated, the overall assessment result, and a paginated list of individual control evaluation results.

To list available assessments before describing one, use the `ListAssessments` action.

Request Syntax

```
POST /DescribeAssessment HTTP/1.1
Content-type: application/json

{
   "AssessmentIdentifier": "string",
   "Catalog": "string",
   "MaxResults": number,
   "NextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

AssessmentIdentifier

The unique identifier of the assessment to describe. You can provide either the assessment ID (for example, `assessment-12345`) or the full assessment ARN (for example, `arn:aws:aws-marketplace:us-east-1::AWSMarketplace/Assessment/assessment-12345`).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^(assessment-[a-zA-Z0-9]+|arn:[a-zA-Z0-9-]+:[a-zA-Z0-9-]+:[a-zA-Z0-9-]*:[0-9]*:[a-zA-Z0-9-]+/Assessment/assessment-[a-zA-Z0-9]+)$`

Required: Yes

Catalog

The catalog related to the request. Fixed value: `AWSMarketplace`

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[a-zA-Z]+$`

Required: Yes

MaxResults

Specifies the upper limit of `ControlAssessment` elements returned on a single page. If a value isn't provided, the default value is 50. Valid values range from 1 to 100.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The value of the next token, if it exists. `null` if there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `^[\w+=.:@\-\/]+$`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "AssessmentArn": "string",
```

```
   "AssessmentId": "string",
   "AssessmentResult": "string",
   "AssessmentTargetSummary": {
      "ChangeSetId": "string",
      "EntityId": "string"
   },
   "ControlAssessments": [
      {
         "ControlAssessmentResult": "string",
         "ControlId": "string",
         "Errors": [
            {
               "Code": "string",
               "Message": "string",
               "Scope": [
                  {
                     "Name": "string",
                     "Value": "string"
                  }
               ]
            }
         ]
      }
   ],
   "CreatedAt": "string",
   "ExpiresAt": "string",
   "FrameworkId": "string",
   "FrameworkSummary": { ... },
   "NextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

AssessmentArn

The ARN associated with the assessment.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[a-zA-Z0-9:*/-]+$`

AssessmentId

The unique ID of the assessment.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-]+$`

AssessmentResult

The overall result of the assessment.

Type: String

Valid Values: `PASS | FAIL`

AssessmentTargetSummary

Identifies the entity or change set that was assessed.

Type: AssessmentTargetSummary object

ControlAssessments

An array of `ControlAssessment` objects, each containing the result of an individual control evaluated as part of the assessment.

Type: Array of ControlAssessment objects

CreatedAt

The date and time the assessment was created, in ISO 8601 format (`2018-02-27T13:45:22Z`).

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

ExpiresAt

The date and time the assessment expires, in ISO 8601 format (`2018-02-27T13:45:22Z`).

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

FrameworkId

The identifier of the framework that was evaluated by this assessment, in the format `frameworkId@version` (for example, `AMISecurity@1.0`).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-@.]+$`

FrameworkSummary

The framework-specific details of the assessed resource. The set member corresponds to the framework identified by `FrameworkId`.

Type: FrameworkSummary object

Note: This object is a Union. Only one member of this object can be specified or returned.

NextToken

The value of the next token, if it exists. `null` if there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `^[\w+=.:@\-\/]+$`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

Access is denied.

HTTP status code: 403

HTTP Status Code: 403

InternalServiceException

There was an internal service exception.

HTTP status code: 500

HTTP Status Code: 500

ResourceNotFoundException

The specified resource wasn't found.

HTTP status code: 404

HTTP Status Code: 404

ThrottlingException

Too many requests.

HTTP status code: 429

HTTP Status Code: 429

ValidationException

An error occurred during validation.

HTTP status code: 422

HTTP Status Code: 422

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++

- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

DescribeChangeSet

Service: AWS Marketplace Catalog Service

Provides information about a given change set.

Request Syntax

```
GET /DescribeChangeSet?catalog=Catalog&changeSetId=ChangeSetId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

Catalog

Required. The catalog related to the request. Fixed value: `AWSMarketplace`

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[a-zA-Z]+$`

Required: Yes

ChangeSetId

Required. The unique identifier for the `StartChangeSet` request that you want to describe the details for.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-]+$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
   "ChangeSet": [
      {
         "ChangeName": "string",
         "ChangeType": "string",
         "Details": "string",
         "DetailsDocument": JSON value,
         "Entity": {
            "Identifier": "string",
            "Type": "string"
         },
         "ErrorDetailList": [
            {
               "ErrorCode": "string",
               "ErrorMessage": "string"
            }
         ]
      }
   ],
   "ChangeSetArn": "string",
   "ChangeSetId": "string",
   "ChangeSetName": "string",
   "EndTime": "string",
   "FailureCode": "string",
   "FailureDescription": "string",
   "Intent": "string",
   "StartTime": "string",
   "Status": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ChangeSet

An array of `ChangeSummary` objects.

Type: Array of ChangeSummary objects

ChangeSetArn

The ARN associated with the unique identifier for the change set referenced in this request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[a-zA-Z0-9:*/-]+$`

ChangeSetId

Required. The unique identifier for the change set referenced in this request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-]+$`

ChangeSetName

The optional name provided in the `StartChangeSet` request. If you do not provide a name, one is set by default.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `^[\w\s+=.:@-]+$`

EndTime

The date and time, in ISO 8601 format (2018-02-27T13:45:22Z), the request transitioned to a terminal state. The change cannot transition to a different state. Null if the request is not in a terminal state.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

FailureCode

Returned if the change set is in `FAILED` status. Can be either `CLIENT_ERROR`, which means that there are issues with the request (see the `ErrorDetailList`), or `SERVER_FAULT`, which means that there is a problem in the system, and you should retry your request.

Type: String

Valid Values: `CLIENT_ERROR | SERVER_FAULT`

FailureDescription

Returned if there is a failure on the change set, but that failure is not related to any of the changes in the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^(.)+$`

Intent

The optional intent provided in the `StartChangeSet` request. If you do not provide an intent, `APPLY` is set by default.

Type: String

Valid Values: `VALIDATE | APPLY`

StartTime

The date and time, in ISO 8601 format (2018-02-27T13:45:22Z), the request started.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Status

The status of the change request.

Type: String

Valid Values: `PREPARING | APPLYING | SUCCEEDED | CANCELLED | FAILED`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

Access is denied.

HTTP status code: 403

HTTP Status Code: 403

InternalServiceException

There was an internal service exception.

HTTP status code: 500

HTTP Status Code: 500

ResourceNotFoundException

The specified resource wasn't found.

HTTP status code: 404

HTTP Status Code: 404

ThrottlingException

Too many requests.

HTTP status code: 429

HTTP Status Code: 429

ValidationException

An error occurred during validation.

HTTP status code: 422

HTTP Status Code: 422

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

DescribeEntity

Service: AWS Marketplace Catalog Service

Returns the metadata and content of the entity.

Request Syntax

```
GET /DescribeEntity?catalog=Catalog&entityId=EntityId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

Catalog

Required. The catalog related to the request. Fixed value: `AWSMarketplace`

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[a-zA-Z]+$`

Required: Yes

EntityId

Required. The unique ID of the entity to describe.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-]+$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json
```

```
{
   "Details": "string",
   "DetailsDocument": JSON value,
   "EntityArn": "string",
   "EntityIdentifier": "string",
   "EntityType": "string",
   "LastModifiedDate": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Details

This stringified JSON object includes the details of the entity.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 16384.

Pattern: `^[\s]*\{[\s\S]*\}[\s]*$`

DetailsDocument

The JSON value of the details specific to the entity.

To download "DetailsDocument" shapes, see the Python and Java shapes on GitHub.

Type: JSON value

EntityArn

The ARN associated to the unique identifier for the entity referenced in this request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[a-zA-Z0-9:*/-]+$`

EntityIdentifier

The identifier of the entity, in the format of `EntityId@RevisionId`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-@]+$`

EntityType

The named type of the entity, in the format of `EntityType@Version`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z]+$`

LastModifiedDate

The last modified date of the entity, in ISO 8601 format (2018-02-27T13:45:22Z).

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

Access is denied.

HTTP status code: 403

HTTP Status Code: 403

InternalServiceException

There was an internal service exception.

HTTP status code: 500

HTTP Status Code: 500

ResourceNotFoundException

The specified resource wasn't found.

HTTP status code: 404

HTTP Status Code: 404

ResourceNotSupportedException

Currently, the specified resource is not supported.

HTTP Status Code: 415

ThrottlingException

Too many requests.

HTTP status code: 429

HTTP Status Code: 429

ValidationException

An error occurred during validation.

HTTP status code: 422

HTTP Status Code: 422

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3

- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

GetResourcePolicy

Service: AWS Marketplace Catalog Service

Gets a resource-based policy of an entity that is identified by its resource ARN.

Request Syntax

```
GET /GetResourcePolicy?resourceArn=ResourceArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ResourceArn

The Amazon Resource Name (ARN) of the entity resource that is associated with the resource policy.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^arn:[\w+=/,.@-]+:aws-marketplace:[\w+=/,.@-]*:[0-9]+:[\w+=,.@-]+(/[\w+=,.@-]+)*$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "Policy": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Policy

The policy document to set; formatted in JSON.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10240.

Pattern: `^[\u0009\u000A\u000D\u0020-\u00FF]+$`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

Access is denied.

HTTP status code: 403

HTTP Status Code: 403

InternalServiceException

There was an internal service exception.

HTTP status code: 500

HTTP Status Code: 500

ResourceNotFoundException

The specified resource wasn't found.

HTTP status code: 404

HTTP Status Code: 404

ThrottlingException

Too many requests.

HTTP status code: 429

HTTP Status Code: 429

ValidationException

An error occurred during validation.

HTTP status code: 422

HTTP Status Code: 422

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

ListAssessments

Service: AWS Marketplace Catalog Service

Returns a paginated list of assessments associated with an entity or change set in AWS Marketplace. An *assessment* is the result of evaluating a product or change set against a framework, such as AMI Security or Container Security.

Use the `AssessmentTargetFilter` to scope results to a specific entity or change set, and use `FrameworkFilters` to scope results to a single framework. To retrieve detailed control-level results for an individual assessment, use the `DescribeAssessment` action.

Results are sorted by assessment creation time in descending order.

Request Syntax

```
POST /ListAssessments HTTP/1.1
Content-type: application/json

{
   "AssessmentTargetFilter": {
      "ChangeSetId": "string",
      "EntityId": "string"
   },
   "Catalog": "string",
   "FrameworkFilters": { ... },
   "FrameworkId": "string",
   "MaxResults": number,
   "NextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

Catalog

The catalog related to the request. Fixed value: `AWSMarketplace`

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[a-zA-Z]+$`

Required: Yes

AssessmentTargetFilter

Filters the list of assessments to those performed against a specific entity or change set.

Type: AssessmentTargetFilter object

Required: No

FrameworkFilters

Framework-specific filters. Set exactly one member to filter results to assessments performed against that framework.

Type: FrameworkFilters object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

FrameworkId

The unique identifier of a framework. When specified, only assessments performed against this framework are returned. For example, `AMISecurity`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-@]+$`

Required: No

MaxResults

Specifies the upper limit of the elements on a single page. If a value isn't provided, the default value is 20. Valid values range from 1 to 100.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

NextToken

The value of the next token, if it exists. `null` if there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `^[\w+=.:@\-\/]+$`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "AssessmentSummaryList": [
      {
         "AssessmentArn": "string",
         "AssessmentId": "string",
         "AssessmentResult": "string",
         "AssessmentTargetSummary": {
            "ChangeSetId": "string",
            "EntityId": "string"
         },
         "CreatedAt": "string",
         "ExpiresAt": "string",
         "FrameworkId": "string",
         "FrameworkSummary": { ... }
      }
   ],
   "NextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

AssessmentSummaryList

An array of `AssessmentSummary` objects.

Type: Array of AssessmentSummary objects

NextToken

The value of the next token, if it exists. `null` if there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `^[\w+=.:@\-\/]+$`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

Access is denied.

HTTP status code: 403

HTTP Status Code: 403

InternalServiceException

There was an internal service exception.

HTTP status code: 500

HTTP Status Code: 500

ThrottlingException

Too many requests.

HTTP status code: 429

HTTP Status Code: 429

ValidationException

An error occurred during validation.

HTTP status code: 422

HTTP Status Code: 422

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

ListChangeSets

Service: AWS Marketplace Catalog Service

Returns the list of change sets owned by the account being used to make the call. You can filter this list by providing any combination of `entityId`, `ChangeSetName`, and status. If you provide more than one filter, the API operation applies a logical AND between the filters.

You can describe a change during the 60-day request history retention period for API calls.

Request Syntax

```
POST /ListChangeSets HTTP/1.1
Content-type: application/json

{
   "Catalog": "string",
   "FilterList": [
      {
         "Name": "string",
         "ValueList": [ "string" ]
      }
   ],
   "MaxResults": number,
   "NextToken": "string",
   "Sort": {
      "SortBy": "string",
      "SortOrder": "string"
   }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

Catalog

The catalog related to the request. Fixed value: `AWSMarketplace`

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[a-zA-Z]+$`

Required: Yes

FilterList

An array of filter objects.

Type: Array of Filter objects

Array Members: Minimum number of 1 item. Maximum number of 8 items.

Required: No

MaxResults

The maximum number of results returned by a single call. This value must be provided in the next call to retrieve the next set of results. By default, this value is 20.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 20.

Required: No

NextToken

The token value retrieved from a previous call to access the next page of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `^[\w+=.:@\-\/]+$`

Required: No

Sort

An object that contains two attributes, `SortBy` and `SortOrder`.

Type: Sort object

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "ChangeSetSummaryList": [
      {
         "ChangeSetArn": "string",
         "ChangeSetId": "string",
         "ChangeSetName": "string",
         "EndTime": "string",
         "EntityIdList": [ "string" ],
         "FailureCode": "string",
         "StartTime": "string",
         "Status": "string"
      }
   ],
   "NextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ChangeSetSummaryList

Array of `ChangeSetSummaryListItem` objects.

Type: Array of ChangeSetSummaryListItem objects

NextToken

The value of the next token, if it exists. Null if there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `^[\w+=.:@\-\/]+$`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

Access is denied.

HTTP status code: 403

HTTP Status Code: 403

InternalServiceException

There was an internal service exception.

HTTP status code: 500

HTTP Status Code: 500

ThrottlingException

Too many requests.

HTTP status code: 429

HTTP Status Code: 429

ValidationException

An error occurred during validation.

HTTP status code: 422

HTTP Status Code: 422

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2

- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

ListEntities

Service: AWS Marketplace Catalog Service

Provides the list of entities of a given type.

Request Syntax

```
POST /ListEntities HTTP/1.1
Content-type: application/json

{
   "Catalog": "string",
   "EntityType": "string",
   "EntityTypeFilters": { ... },
   "EntityTypeSort": { ... },
   "FilterList": [
      {
         "Name": "string",
         "ValueList": [ "string" ]
      }
   ],
   "MaxResults": number,
   "NextToken": "string",
   "OwnershipType": "string",
   "Sort": {
      "SortBy": "string",
      "SortOrder": "string"
   }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

Catalog

The catalog related to the request. Fixed value: `AWSMarketplace`

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[a-zA-Z]+$`

Required: Yes

EntityType

The type of entities to retrieve. Valid values are: `AmiProduct`, `ContainerProduct`, `DataProduct`, `SaaSProduct`, `ProcurementPolicy`, `Experience`, `Audience`, `BrandingSettings`, `Offer`, `OfferSet`, `Seller`, `ResaleAuthorization`, `Solution`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z]+$`

Required: Yes

EntityTypeFilters

A Union object containing filter shapes for all `EntityTypes`. Each `EntityTypeFilter` shape will have filters applicable for that `EntityType` that can be used to search or filter entities.

Type: EntityTypeFilters object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

EntityTypeSort

A Union object containing `Sort` shapes for all `EntityTypes`. Each `EntityTypeSort` shape will have `SortBy` and `SortOrder` applicable for fields on that `EntityType`. This can be used to sort the results of the filter query.

Type: EntityTypeSort object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

FilterList

An array of filter objects. Each filter object contains two attributes, `filterName` and `filterValues`.

Type: Array of Filter objects

Array Members: Minimum number of 1 item. Maximum number of 8 items.

Required: No

MaxResults

Specifies the upper limit of the elements on a single page. If a value isn't provided, the default value is 20.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

NextToken

The value of the next token, if it exists. Null if there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `^[\w+=.:@\-\/]+$`

Required: No

OwnershipType

Filters the returned set of entities based on their owner. The default is `SELF`. To list entities shared with you through AWS Resource Access Manager (AWS RAM), set to `SHARED`. Entities shared through the AWS Marketplace Catalog API `PutResourcePolicy` operation can't be discovered through the `SHARED` parameter.

Type: String

Valid Values: `SELF | SHARED`

Required: No

Sort

An object that contains two attributes, `SortBy` and `SortOrder`.

Type: Sort object

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "EntitySummaryList": [
      {
         "AmiProductSummary": {
            "ProductTitle": "string",
            "Visibility": "string"
         },
         "ContainerProductSummary": {
            "ProductTitle": "string",
            "Visibility": "string"
         },
         "DataProductSummary": {
            "ProductTitle": "string",
            "Visibility": "string"
         },
         "EntityArn": "string",
         "EntityId": "string",
         "EntityType": "string",
         "LastModifiedDate": "string",
         "MachineLearningProductSummary": {
            "ProductTitle": "string",
            "Visibility": "string"
         },
         "Name": "string",
         "OfferSetSummary": {
            "AssociatedOfferIds": [ "string" ],
            "Name": "string",
            "ReleaseDate": "string",
            "SolutionId": "string",
            "State": "string"
         },
         "OfferSummary": {
            "AvailabilityEndDate": "string",
            "BuyerAccounts": [ "string" ],
            "CreatedBySource": "string",
            "Name": "string",
```

```
            "OfferSetId": "string",
            "ProductId": "string",
            "ReleaseDate": "string",
            "ResaleAuthorizationId": "string",
            "State": "string",
            "TargetAgreementId": "string",
            "TargetAgreementIntent": "string",
            "Targeting": [ "string" ]
         },
         "ResaleAuthorizationSummary": {
            "AvailabilityEndDate": "string",
            "CreatedDate": "string",
            "ManufacturerAccountId": "string",
            "ManufacturerLegalName": "string",
            "Name": "string",
            "OfferExtendedStatus": "string",
            "ProductId": "string",
            "ProductName": "string",
            "ResellerAccountID": "string",
            "ResellerLegalName": "string",
            "ResellerRole": "string",
            "Status": "string"
         },
         "SaaSProductSummary": {
            "ProductTitle": "string",
            "Visibility": "string"
         },
         "Visibility": "string"
      }
   ],
   "NextToken": "string"
}
```


Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

EntitySummaryList

Array of `EntitySummary` objects.

Type: Array of EntitySummary objects

NextToken

The value of the next token if it exists. Null if there is no more result.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `^[\w+=.:@\-\/]+$`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

Access is denied.

HTTP status code: 403

HTTP Status Code: 403

InternalServiceException

There was an internal service exception.

HTTP status code: 500

HTTP Status Code: 500

ResourceNotFoundException

The specified resource wasn't found.

HTTP status code: 404

HTTP Status Code: 404

ThrottlingException

Too many requests.

HTTP status code: 429

HTTP Status Code: 429

ValidationException

An error occurred during validation.

HTTP status code: 422

HTTP Status Code: 422

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

ListTagsForResource

Service: AWS Marketplace Catalog Service

Lists all tags that have been added to a resource (either an entity or change set).

Request Syntax

```
POST /ListTagsForResource HTTP/1.1
Content-type: application/json

{
   "ResourceArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ResourceArn

Required. The Amazon Resource Name (ARN) associated with the resource you want to list tags on.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^arn:[\w+=/,.@-]+:aws-marketplace:[\w+=/,.@-]*:[0-9]+:[\w+=,.@-]+(/[\w+=,.@-]+)*$`

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json
```

```
{
   "ResourceArn": "string",
   "Tags": [
      {
         "Key": "string",
         "Value": "string"
      }
   ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ResourceArn

Required. The ARN associated with the resource you want to list tags on.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^arn:[\w+=/,.@-]+:aws-marketplace:[\w+=/,.@-]*:[0-9]+:[\w+=,.@-]+(/[\w+=,.@-]+)*$`

Tags

Required. A list of objects specifying each key name and value. Number of objects allowed: 1-50.

Type: Array of Tag objects

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

Access is denied.

HTTP status code: 403

HTTP Status Code: 403

InternalServiceException

There was an internal service exception.

HTTP status code: 500

HTTP Status Code: 500

ResourceNotFoundException

The specified resource wasn't found.

HTTP status code: 404

HTTP Status Code: 404

ThrottlingException

Too many requests.

HTTP status code: 429

HTTP Status Code: 429

ValidationException

An error occurred during validation.

HTTP status code: 422

HTTP Status Code: 422

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++

- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

PutResourcePolicy

Service: AWS Marketplace Catalog Service

Attaches a resource-based policy to an entity. Examples of an entity include: `AmiProduct` and `ContainerProduct`.

Request Syntax

```
POST /PutResourcePolicy HTTP/1.1
Content-type: application/json

{
   "Policy": "string",
   "ResourceArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

Policy

The policy document to set; formatted in JSON.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10240.

Pattern: `^[\u0009\u000A\u000D\u0020-\u00FF]+$`

Required: Yes

ResourceArn

The Amazon Resource Name (ARN) of the entity resource you want to associate with a resource policy.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^arn:[\w+=/,.@-]+:aws-marketplace:[\w+=/,.@-]*:[0-9]+:[\w+=,.@-]+(/[\w+=,.@-]+)*$`

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

Access is denied.

HTTP status code: 403

HTTP Status Code: 403

InternalServiceException

There was an internal service exception.

HTTP status code: 500

HTTP Status Code: 500

ResourceNotFoundException

The specified resource wasn't found.

HTTP status code: 404

HTTP Status Code: 404

ThrottlingException

Too many requests.

HTTP status code: 429

HTTP Status Code: 429

ValidationException

An error occurred during validation.

HTTP status code: 422

HTTP Status Code: 422

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

StartChangeSet

Service: AWS Marketplace Catalog Service

Allows you to request changes for your entities. Within a single `ChangeSet`, you can't start the same change type against the same entity multiple times. Additionally, when a `ChangeSet` is running, all the entities targeted by the different changes are locked until the change set has completed (either succeeded, cancelled, or failed). If you try to start a change set containing a change against an entity that is already locked, you will receive a `ResourceInUseException` error.

For example, you can't start the `ChangeSet` described in the example later in this topic because it contains two changes to run the same change type (`AddRevisions`) against the same entity (`entity-id@1`).

For more information about working with change sets, see Working with change sets. For information about change types for single-AMI products, see Working with single-AMI products. Also, for more information about change types available for container-based products, see Working with container products.

To download "DetailsDocument" shapes, see Python and Java shapes on GitHub.

Request Syntax

```
POST /StartChangeSet HTTP/1.1
Content-type: application/json

{
   "Catalog": "string",
   "ChangeSet": [
      {
         "ChangeName": "string",
         "ChangeType": "string",
         "Details": "string",
         "DetailsDocument": JSON value,
         "Entity": {
            "Identifier": "string",
            "Type": "string"
         },
         "EntityTags": [
            {
               "Key": "string",
```

```
                "Value": "string"
            }
         ]
      }
   ],
   "ChangeSetName": "string",
   "ChangeSetTags": [
      {
         "Key": "string",
         "Value": "string"
      }
   ],
   "ClientRequestToken": "string",
   "Intent": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

Catalog

The catalog related to the request. Fixed value: `AWSMarketplace`

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[a-zA-Z]+$`

Required: Yes

ChangeSet

Array of change object.

Type: Array of Change objects

Array Members: Minimum number of 1 item. Maximum number of 20 items.

Required: Yes

ChangeSetName

Optional case sensitive string of up to 100 ASCII characters. The change set name can be used to filter the list of change sets.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `^[\w\s+=.:@-]+$`

Required: No

ChangeSetTags

A list of objects specifying each key name and value for the `ChangeSetTags` property.

Type: Array of Tag objects

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Required: No

ClientRequestToken

A unique token to identify the request to ensure idempotency.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[!-~]+$`

Required: No

Intent

The intent related to the request. The default is `APPLY`. To test your request before applying changes to your entities, use `VALIDATE`. This feature is currently available for adding versions to single-AMI products. For more information, see Add a new version.

Type: String

Valid Values: `VALIDATE | APPLY`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "ChangeSetArn": "string",
   "ChangeSetId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

ChangeSetArn

The ARN associated to the unique identifier generated for the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[a-zA-Z0-9:*/-]+$`

ChangeSetId

Unique identifier generated for the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-]+$`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

Access is denied.

HTTP status code: 403

HTTP Status Code: 403

InternalServiceException

There was an internal service exception.

HTTP status code: 500

HTTP Status Code: 500

ResourceInUseException

The resource is currently in use.

HTTP Status Code: 423

ResourceNotFoundException

The specified resource wasn't found.

HTTP status code: 404

HTTP Status Code: 404

ServiceQuotaExceededException

The maximum number of open requests per account has been exceeded.

HTTP Status Code: 402

ThrottlingException

Too many requests.

HTTP status code: 429

HTTP Status Code: 429

ValidationException

An error occurred during validation.

HTTP status code: 422

HTTP Status Code: 422

Examples

Example

You can't start this `ChangeSet` because it contains two changes to run the same change type (`AddRevisions`) against the same entity (`entity-id@1`).

```
{
    "Catalog": "AWSMarketplace",
    "ChangeSetName": "Adding revisions to my test Data Product",
    "ChangeSet": [
        {
            "ChangeType": "AddRevisions",
            "Entity": {
                "Identifier": "entity-id@1",
                "Type": "DataProduct@1.0"
            },
            "Details": "{\"DataSetArn\": \"data-set-arn\", \"RevisionArns\":
 [\"revision-arn\", \"revision-arn-2\"] }"
        },
        {
            "ChangeType": "AddRevisions",
            "Entity": {
                "Identifier": "entity-id@1",
                "Type": "DataProduct@1.0"
            },
            "Details": "{\"DataSetArn\": \"data-set-arn\", \"RevisionArns\":
 [\"revision-arn3\"] }"
        }
    ]
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2

- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

TagResource

Service: AWS Marketplace Catalog Service

Tags a resource (either an entity or change set).

Request Syntax

```
POST /TagResource HTTP/1.1
Content-type: application/json

{
   "ResourceArn": "string",
   "Tags": [
      {
         "Key": "string",
         "Value": "string"
      }
   ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ResourceArn

Required. The Amazon Resource Name (ARN) associated with the resource you want to tag.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^arn:[\w+=/,.@-]+:aws-marketplace:[\w+=/,.@-]*:[0-9]+:[\w+=,.@-]+(/[\w+=,.@-]+)*$`

Required: Yes

Tags

Required. A list of objects specifying each key name and value. Number of objects allowed: 1-50.

Type: Array of Tag objects

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

Access is denied.

HTTP status code: 403

HTTP Status Code: 403

InternalServiceException

There was an internal service exception.

HTTP status code: 500

HTTP Status Code: 500

ResourceNotFoundException

The specified resource wasn't found.

HTTP status code: 404

HTTP Status Code: 404

ThrottlingException

Too many requests.

HTTP status code: 429

HTTP Status Code: 429

ValidationException

An error occurred during validation.

HTTP status code: 422

HTTP Status Code: 422

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

UntagResource

Service: AWS Marketplace Catalog Service

Removes a tag or list of tags from a resource (either an entity or change set).

Request Syntax

```
POST /UntagResource HTTP/1.1
Content-type: application/json

{
   "ResourceArn": "string",
   "TagKeys": [ "string" ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ResourceArn

Required. The Amazon Resource Name (ARN) associated with the resource you want to remove the tag from.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^arn:[\w+=/,.@-]+:aws-marketplace:[\w+=/,.@-]*:[0-9]+:[\w+=,.@-]+(/[\w+=,.@-]+)*$`

Required: Yes

TagKeys

Required. A list of key names of tags to be removed. Number of strings allowed: 0-256.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `^([\p{L}\p{Z}\p{N}_.:/=+\-@]*)$`

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

Access is denied.

HTTP status code: 403

HTTP Status Code: 403

InternalServiceException

There was an internal service exception.

HTTP status code: 500

HTTP Status Code: 500

ResourceNotFoundException

The specified resource wasn't found.

HTTP status code: 404

HTTP Status Code: 404

ThrottlingException

Too many requests.

HTTP status code: 429

HTTP Status Code: 429

ValidationException

An error occurred during validation.

HTTP status code: 422

HTTP Status Code: 422

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

AWS Marketplace Entitlement Service

The following actions are supported by AWS Marketplace Entitlement Service:

- GetEntitlements

GetEntitlements

Service: AWS Marketplace Entitlement Service

GetEntitlements retrieves entitlement values for a given product. The results can be filtered based on customer identifier, AWS account ID, license ARN, or product dimensions.

Request Syntax

```
{
   "Filter": {
      "string" : [ "string" ]
   },
   "MaxResults": number,
   "NextToken": "string",
   "ProductCode": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

ProductCode

Product code is used to uniquely identify a product in AWS Marketplace. The product code will be provided by AWS Marketplace when the product listing is created.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: Yes

Filter

Filter is used to return entitlements for a specific customer or for a specific dimension. Filters are described as keys mapped to a lists of values. Filtered requests are *unioned* for each value in the value list, and then *intersected* for each filter key.

`CustomerIdentifier` and `CustomerAWSAccountId` are mutually exclusive parameters. You must use one or the other, but not both in the same request.

> **Note**
>
> If you're migrating an existing integration, use Account Feeds to map `CustomerIdentifier` to `CustomerAWSAccountId`, and Agreements Feeds to map `CustomerAWSAccountId` and `LicenseArn`.

Type: String to array of strings map

Valid Keys: `CUSTOMER_IDENTIFIER | DIMENSION | CUSTOMER_AWS_ACCOUNT_ID | LICENSE_ARN`

Array Members: Minimum number of 1 item.

Required: No

MaxResults

The maximum number of items to retrieve from the GetEntitlements operation. For pagination, use the NextToken field in subsequent calls to GetEntitlements.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 25.

Required: No

NextToken

For paginated calls to GetEntitlements, pass the NextToken from the previous GetEntitlementsResult.

Type: String

Pattern: \S+

Required: No

Response Syntax

```
{
   "Entitlements": [
      {
         "CustomerAWSAccountId": "string",
         "CustomerIdentifier": "string",
         "Dimension": "string",
         "ExpirationDate": number,
         "LicenseArn": "string",
         "ProductCode": "string",
         "Value": {
            "BooleanValue": boolean,
            "DoubleValue": number,
            "IntegerValue": number,
            "StringValue": "string"
         }
      }
   ],
   "NextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Entitlements

The set of entitlements found through the GetEntitlements operation. If the result contains an empty set of entitlements, NextToken might still be present and should be used.

Type: Array of Entitlement objects

Array Members: Minimum number of 0 items.

NextToken

For paginated results, use NextToken in subsequent calls to GetEntitlements. If the result contains an empty set of entitlements, NextToken might still be present and should be used.

Type: String

Pattern: \S+

Errors

For information about the errors that are common to all actions, see Common Error Types.

InternalServiceErrorException

An internal error has occurred. Retry your request. If the problem persists, post a message with details on the AWS forums.

HTTP Status Code: 500

InvalidParameterException

One or more parameters in your request was invalid.

HTTP Status Code: 400

ThrottlingException

The calls to the GetEntitlements API are throttled.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3

- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

AWS Marketplace Agreement Service

The following actions are supported by AWS Marketplace Agreement Service:

- AcceptAgreementCancellationRequest
- AcceptAgreementPaymentRequest
- AcceptAgreementRequest
- BatchCreateBillingAdjustmentRequest
- CancelAgreement
- CancelAgreementCancellationRequest
- CancelAgreementPaymentRequest
- CreateAgreementRequest
- DescribeAgreement
- GetAgreementCancellationRequest
- GetAgreementEntitlements
- GetAgreementPaymentRequest
- GetAgreementTerms
- GetBillingAdjustmentRequest
- ListAgreementCancellationRequests
- ListAgreementCharges
- ListAgreementInvoiceLineItems
- ListAgreementPaymentRequests
- ListBillingAdjustmentRequests
- RejectAgreementCancellationRequest
- RejectAgreementPaymentRequest
- SearchAgreements
- SendAgreementCancellationRequest
- SendAgreementPaymentRequest

- UpdatePurchaseOrders

AcceptAgreementCancellationRequest

Service: AWS Marketplace Agreement Service

Allows buyers (acceptors) to accept a cancellation request that is in `PENDING_APPROVAL` status. Once accepted, the cancellation request transitions to `APPROVED` status and the agreement cancellation will be processed.

> **Note**
>
> Only cancellation requests in `PENDING_APPROVAL` status can be accepted. A `ConflictException` is thrown if the cancellation request is in any other status.

Request Syntax

```
{
   "agreementCancellationRequestId": "string",
   "agreementId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

agreementCancellationRequestId

The unique identifier of the cancellation request to accept.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `acr-[a-zA-Z0-9]+`

Required: Yes

agreementId

The unique identifier of the agreement associated with the cancellation request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

Response Syntax

```
{
   "agreementCancellationRequestId": "string",
   "agreementId": "string",
   "createdAt": number,
   "description": "string",
   "reasonCode": "string",
   "status": "string",
   "updatedAt": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

agreementCancellationRequestId

The unique identifier of the accepted cancellation request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `acr-[a-zA-Z0-9]+`

agreementId

The unique identifier of the agreement associated with this cancellation request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

createdAt

The date and time when the cancellation request was originally created.

Type: Timestamp

description

The detailed description of the cancellation reason, if provided.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

reasonCode

The original reason code provided when the cancellation request was created.

Type: String

Valid Values: `INCORRECT_TERMS_ACCEPTED | REPLACING_AGREEMENT | TEST_AGREEMENT | ALTERNATIVE_PROCUREMENT_CHANNEL | PRODUCT_DISCONTINUED | UNINTENDED_RENEWAL | BUYER_DISSATISFACTION | OTHER`

status

The updated status of the cancellation request, which is `APPROVED`.

Type: String

Valid Values: `PENDING_APPROVAL | APPROVED | REJECTED | CANCELLED | VALIDATION_FAILED`

updatedAt

The date and time when the cancellation request was accepted.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ConflictException

Request was denied due to a resource conflict.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier of the resource involved in the conflict.

resourceType

The type of the resource involved in the conflict.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which does not exist.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier for the resource.

resourceType

The type of resource.

HTTP Status Code: 400

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of AcceptAgreementCancellationRequest.

```
{
    "agreementCancellationRequestId": "acr-EXAMPLE752jqvg74yo7k",
    "agreementId": "agmt-EXAMPLE752jqvg74yo7k"
}
```

Sample response

This example illustrates one usage of AcceptAgreementCancellationRequest.

```
{
    "agreementCancellationRequestId": "acr-EXAMPLE752jqvg74yo7k",
    "agreementId": "agmt-EXAMPLE752jqvg74yo7k",
    "reasonCode": "PRODUCT_DISCONTINUED",
    "description": "Product is being discontinued and no longer supported",
    "status": "APPROVED",
    "createdAt": 1736935800,
    "updatedAt": 1737022200
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

AcceptAgreementPaymentRequest

Service: AWS Marketplace Agreement Service

Allows buyers (acceptors) to accept a payment request that is in PENDING_APPROVAL status. Once accepted, the payment request transitions to APPROVED status and the charge will be processed. Buyers can optionally provide a purchase order reference for their internal tracking.

> **Note**
>
> Only payment requests in PENDING_APPROVAL status can be accepted. A ConflictException is thrown if the payment request is in any other status.

Request Syntax

```
{
   "agreementId": "string",
   "paymentRequestId": "string",
   "purchaseOrderReference": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

agreementId

The unique identifier of the agreement associated with the payment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

paymentRequestId

The unique identifier of the payment request to accept.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `pr-[a-zA-Z0-9]+`

Required: Yes

purchaseOrderReference

An optional purchase order reference that buyers can provide to associate the payment request with their internal purchase order system.

Type: String

Length Constraints: Minimum length of 1.

Required: No

Response Syntax

```
{
   "agreementId": "string",
   "chargeAmount": "string",
   "createdAt": number,
   "currencyCode": "string",
   "description": "string",
   "name": "string",
   "paymentRequestId": "string",
   "status": "string",
   "updatedAt": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

agreementId

The unique identifier of the agreement associated with this payment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

chargeAmount

The amount that was approved to be charged.

Type: String

Pattern: `[0-9]*(\.[0-9]{0,8})?`

createdAt

The date and time when the payment request was originally created.

Type: Timestamp

currencyCode

The currency code for the charge amount.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

description

The detailed description of the payment request, if provided.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

name

The descriptive name of the payment request.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 64.

Pattern: `.+`

paymentRequestId

The unique identifier of the accepted payment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `pr-[a-zA-Z0-9]+`

status

The updated status of the payment request, which is `APPROVED`.

Type: String

Valid Values: `VALIDATING | VALIDATION_FAILED | PENDING_APPROVAL | APPROVED | REJECTED | CANCELLED`

updatedAt

The date and time when the payment request was accepted.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ConflictException

Request was denied due to a resource conflict.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier of the resource involved in the conflict.

resourceType

The type of the resource involved in the conflict.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which does not exist.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier for the resource.

resourceType

The type of resource.

HTTP Status Code: 400

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of AcceptAgreementPaymentRequest.

```
{
    "paymentRequestId": "prEXAMPLE-1bb7-5f53-9826-7b2EXAMPLE06",
    "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95",
    "purchaseOrderReference": "PO-2024-Q1-12345"
}
```

Sample response

This example illustrates one usage of AcceptAgreementPaymentRequest.

```
{
    "paymentRequestId": "prEXAMPLE-1bb7-5f53-9826-7b2EXAMPLE06",
    "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95",
    "status": "APPROVED",
    "name": "Q1 2024 Usage Charges",
    "description": "Payment request for Q1 2024 usage charges for premium support
 services",
    "chargeAmount": "1250.50",
    "currencyCode": "USD",
    "createdAt": 1705314600,
    "updatedAt": 1705405500
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3

- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

AcceptAgreementRequest

Service: AWS Marketplace Agreement Service

Accepts an agreement request to finalize the agreement. The acceptor can optionally provide purchase orders to associate with the agreement charges.

Request Syntax

```
{
   "agreementRequestId": "string",
   "purchaseOrders": [
      {
         "agreementId": "string",
         "chargeId": "string",
         "chargeRevision": number,
         "purchaseOrderReference": "string"
      }
   ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

agreementRequestId

The unique identifier of the agreement request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `ar-[A-Za-z0-9]+`

Required: Yes

purchaseOrders

A list of purchase orders associated with accepting a marketplace agreement request.

Type: Array of PurchaseOrder objects

Array Members: Minimum number of 1 item. Maximum number of 86 items.

Required: No

Response Syntax

```
{
   "agreementId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

agreementId

The unique identifier of the agreement created or modified by accepting the agreement request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ConflictException

Request was denied due to a resource conflict.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier of the resource involved in the conflict.

resourceType

The type of the resource involved in the conflict.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which does not exist.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier for the resource.

resourceType

The type of resource.

HTTP Status Code: 400

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of AcceptAgreementRequest.

```
{
    "agreementRequestId": "arEXAMPLE-0cc8-4a53-9b12-3d4EXAMPLE78",
    "purchaseOrders": [
        {
            "chargeId": "chEXAMPLE-1aa7-4b42-9614-5c3EXAMPLE56",
            "purchaseOrderReference": "PO-123"
        }
    ]
}
```

Sample response

This example illustrates one usage of AcceptAgreementRequest.

```
{
    "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95"
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2

- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

BatchCreateBillingAdjustmentRequest

Service: AWS Marketplace Agreement Service

Allows sellers (proposers) to submit billing adjustment requests for one or more invoices within an agreement. Each entry in the batch specifies an invoice and the adjustment amount. The operation returns successfully created adjustment request IDs and any errors for entries that failed to process.

> **Note**
>
> Each entry requires a unique `clientToken` for idempotency.

Request Syntax

```
{
   "billingAdjustmentRequestEntries": [
      {
         "adjustmentAmount": "string",
         "adjustmentReasonCode": "string",
         "agreementId": "string",
         "clientToken": "string",
         "currencyCode": "string",
         "description": "string",
         "originalInvoiceId": "string"
      }
   ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

billingAdjustmentRequestEntries

A list of billing adjustment request entries. Each entry specifies the invoice and adjustment details.

Type: Array of BatchCreateBillingAdjustmentRequestEntry objects

Required: Yes

Response Syntax

```
{
   "errors": [
      {
         "clientToken": "string",
         "code": "string",
         "message": "string"
      }
   ],
   "items": [
      {
         "billingAdjustmentRequestId": "string",
         "clientToken": "string"
      }
   ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

errors

A list of errors for entries that failed validation, each containing the `clientToken`, error `code`, and `message`.

Type: Array of BatchCreateBillingAdjustmentError objects

items

A list of successfully created billing adjustment items, each containing the `billingAdjustmentRequestId` and `clientToken`.

Type: Array of BatchCreateBillingAdjustmentItem objects

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ConflictException

Request was denied due to a resource conflict.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier of the resource involved in the conflict.

resourceType

The type of the resource involved in the conflict.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of BatchCreateBillingAdjustmentRequest.

```
{
    "billingAdjustmentRequestEntries": [
        {
            "originalInvoiceId": "E2E20230929a108cfae",
            "agreementId": "agmt-EXAMPLESvIzsqYMyQwI3",
            "adjustmentAmount": "500.00",
            "currencyCode": "USD",
            "clientToken": "a1b2c3d4-5678-90ab-cdef-EXAMPLE11111",
            "adjustmentReasonCode": "OTHER",
            "description": "Customer requested adjustment due to service outage during
 critical business period."
        },
        {
            "originalInvoiceId": "E2E20230929b209dfbf",
            "agreementId": "agmt-EXAMPLESvIzsqYMyQwI3",
            "adjustmentAmount": "999999.00",
            "currencyCode": "USD",
            "clientToken": "d2a5e82e-a49b-4075-8c7f-EXAMPLE22222",
            "adjustmentReasonCode": "OTHER",
            "description": "Customer requested adjustment due to service outage during
 critical business period."
        }
    ]
}
```

Sample response

This example illustrates one usage of BatchCreateBillingAdjustmentRequest.

```
{
    "items": [
        {
            "billingAdjustmentRequestId": "ba-EXAMPLE1a2b3c4d5e",
            "clientToken": "a1b2c3d4-5678-90ab-cdef-EXAMPLE11111"
        }
    ],
    "errors": [
```

```
        {
            "clientToken": "d2a5e82e-a49b-4075-8c7f-EXAMPLE22222",
            "code": "VALIDATION_EXCEPTION",
            "message": "Refund amount $999999.00 exceeds maximum refundable amount
 $200.00"
        }
    ]
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

CancelAgreement

Service: AWS Marketplace Agreement Service

Allows an acceptor to cancel an active agreement. Not all agreements are eligible for cancellation. Use the error response to determine why a cancellation request was rejected.

Request Syntax

```
{
   "agreementId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

agreementId

The unique identifier of the agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ConflictException

Request was denied due to a resource conflict.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier of the resource involved in the conflict.

resourceType

The type of the resource involved in the conflict.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which does not exist.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier for the resource.

resourceType

The type of resource.

HTTP Status Code: 400

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of CancelAgreement.

```
{
    "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95"
}
```

Sample response

This example illustrates one usage of CancelAgreement.

```
{}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3

- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

CancelAgreementCancellationRequest

Service: AWS Marketplace Agreement Service

Allows sellers (proposers) to withdraw an existing agreement cancellation request that is in a pending state. Once cancelled, the cancellation request transitions to `CANCELLED` status and can no longer be approved or rejected by the buyer.

> **Note**
>
> Only cancellation requests in `PENDING_APPROVAL` status can be cancelled. A `ConflictException` is thrown if the cancellation request is in any other status.

Request Syntax

```
{
   "agreementCancellationRequestId": "string",
   "agreementId": "string",
   "cancellationReason": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

agreementCancellationRequestId

The unique identifier of the cancellation request to cancel.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `acr-[a-zA-Z0-9]+`

Required: Yes

agreementId

The unique identifier of the agreement associated with the cancellation request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

cancellationReason

A required message explaining why the cancellation request is being withdrawn (1-2000 characters).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

Required: Yes

Response Syntax

```
{
   "agreementCancellationRequestId": "string",
   "agreementId": "string",
   "createdAt": number,
   "description": "string",
   "reasonCode": "string",
   "status": "string",
   "statusMessage": "string",
   "updatedAt": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

agreementCancellationRequestId

The unique identifier of the cancelled cancellation request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `acr-[a-zA-Z0-9]+`

agreementId

The unique identifier of the agreement associated with this cancellation request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

createdAt

The date and time when the cancellation request was originally created.

Type: Timestamp

description

The detailed description of the original cancellation reason, if provided.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

reasonCode

The original reason code provided when the cancellation request was created.

Type: String

Valid Values: `INCORRECT_TERMS_ACCEPTED | REPLACING_AGREEMENT | TEST_AGREEMENT | ALTERNATIVE_PROCUREMENT_CHANNEL | PRODUCT_DISCONTINUED | UNINTENDED_RENEWAL | BUYER_DISSATISFACTION | OTHER`

status

The updated status of the cancellation request, which is `CANCELLED`.

Type: String

Valid Values: `PENDING_APPROVAL | APPROVED | REJECTED | CANCELLED | VALIDATION_FAILED`

statusMessage

A message providing additional context about the cancellation request status.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

updatedAt

The date and time when the cancellation request was cancelled.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ConflictException

Request was denied due to a resource conflict.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier of the resource involved in the conflict.

resourceType

The type of the resource involved in the conflict.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which does not exist.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier for the resource.

resourceType

The type of resource.

HTTP Status Code: 400

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of CancelAgreementCancellationRequest.

```
{
    "agreementCancellationRequestId": "acr-EXAMPLE752jqvg74yo7k",
    "agreementId": "agmt-EXAMPLE752jqvg74yo7k",
    "cancellationReason": "Requested agreement cancellation by mistake"
}
```

Sample response

This example illustrates one usage of CancelAgreementCancellationRequest.

```
{
    "agreementCancellationRequestId": "acr-EXAMPLE752jqvg74yo7k",
    "agreementId": "agmt-EXAMPLE752jqvg74yo7k",
    "reasonCode": "PRODUCT_DISCONTINUED",
    "description": "Product is being discontinued and no longer supported",
    "status": "CANCELLED",
    "statusMessage": "Cancellation requested by seller",
    "createdAt": 1736935800,
    "updatedAt": 1737022200
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

CancelAgreementPaymentRequest

Service: AWS Marketplace Agreement Service

Allows sellers (proposers) to cancel a payment request that is in `PENDING_APPROVAL` status. Once cancelled, the payment request transitions to `CANCELLED` status and can no longer be accepted or rejected by the buyer.

> **Note**
>
> Only payment requests in `PENDING_APPROVAL` status can be cancelled. A `ConflictException` is thrown if the payment request is in any other status.

Request Syntax

```
{
   "agreementId": "string",
   "paymentRequestId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

agreementId

The unique identifier of the agreement associated with the payment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

paymentRequestId

The unique identifier of the payment request to cancel.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `pr-[a-zA-Z0-9]+`

Required: Yes

Response Syntax

```
{
   "agreementId": "string",
   "chargeAmount": "string",
   "createdAt": number,
   "currencyCode": "string",
   "description": "string",
   "name": "string",
   "paymentRequestId": "string",
   "status": "string",
   "updatedAt": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

agreementId

The unique identifier of the agreement associated with this payment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

chargeAmount

The amount that was requested to be charged.

Type: String

Pattern: `[0-9]*(\.[0-9]{0,8})?`

createdAt

The date and time when the payment request was originally created.

Type: Timestamp

currencyCode

The currency code for the charge amount.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

description

The detailed description of the payment request, if provided.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

name

The descriptive name of the payment request.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 64.

Pattern: `.+`

paymentRequestId

The unique identifier of the cancelled payment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `pr-[a-zA-Z0-9]+`

status

The updated status of the payment request, which is `CANCELLED`.

Type: String

Valid Values: `VALIDATING | VALIDATION_FAILED | PENDING_APPROVAL | APPROVED | REJECTED | CANCELLED`

updatedAt

The date and time when the payment request was cancelled.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ConflictException

Request was denied due to a resource conflict.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier of the resource involved in the conflict.

resourceType

The type of the resource involved in the conflict.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which does not exist.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier for the resource.

resourceType

The type of resource.

HTTP Status Code: 400

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of CancelAgreementPaymentRequest.

```
{
    "paymentRequestId": "prEXAMPLE-1bb7-5f53-9826-7b2EXAMPLE06",
    "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95"
}
```

Sample response

This example illustrates one usage of CancelAgreementPaymentRequest.

```
{
    "paymentRequestId": "prEXAMPLE-1bb7-5f53-9826-7b2EXAMPLE06",
    "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95",
    "status": "CANCELLED",
    "name": "Q1 2024 Usage Charges",
    "description": "Payment request for Q1 2024 usage charges for premium support
 services",
    "chargeAmount": "1250.50",
    "currencyCode": "USD",
    "createdAt": 1705314600,
    "updatedAt": 1705396500
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

CreateAgreementRequest

Service: AWS Marketplace Agreement Service

Creates an agreement request that acts as a quote for the terms you want to accept. The agreement request captures the requested terms, calculates charges, and returns a summary. Use `AcceptAgreementRequest` with the returned `agreementRequestId` to finalize the agreement.

Request Syntax

```
{
   "agreementProposalIdentifier": "string",
   "clientToken": "string",
   "intent": "string",
   "requestedTerms": [
      {
         "configuration": { ... },
         "id": "string"
      }
   ],
   "sourceAgreementIdentifier": "string",
   "taxConfiguration": {
      "taxEstimation": "string"
   }
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

intent

The purpose and desired outcome of the agreement request. This is a required parameter that determines how the agreement request is processed.

- `NEW` – Creates a new agreement for terms in the request.

- AMEND – Modifies an existing agreement with terms that are accepted in the request.
- REPLACE – Creates a new agreement with accepted terms and replaces the existing agreement.

Type: String

Valid Values: NEW | AMEND | REPLACE

Required: Yes

requestedTerms

A list of terms that define what is being accepted as part of the agreement. Some terms require configuration.

Type: Array of RequestedTerm objects

Array Members: Minimum number of 1 item. Maximum number of 30 items.

Required: Yes

agreementProposalIdentifier

The agreement proposal signed by the proposer. The proposal includes the requested resources and the terms that outline an agreement outcome.

> **Important**
>
> This parameter is required if the intent is not AMEND.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: (at-|ap-)[A-Za-z0-9]+

Required: No

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

Required: No

sourceAgreementIdentifier

The agreement's identifier that the request acts upon.

> **Important**
>
> This parameter is required for all non-`NEW` intents (i.e., `AMEND` or `REPLACE`). Don't provide this parameter if the intent is `NEW`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: No

taxConfiguration

Configuration for tax estimation in the agreement request response.

Type: TaxConfiguration object

Required: No

Response Syntax

```
{
   "agreementRequestId": "string",
   "chargeSummary": {
      "currencyCode": "string",
      "estimatedTaxes": {
         "breakdown": [
            {
               "amount": "string",
               "rate": "string",
               "type": "string"
            }
         ],
```

```
            "totalAmount": "string"
         },
         "expectedCharges": [
            {
               "amount": "string",
               "amountAfterTax": "string",
               "estimatedTaxes": {
                  "breakdown": [
                     {
                        "amount": "string",
                        "rate": "string",
                        "type": "string"
                     }
                  ],
                  "totalAmount": "string"
               },
               "id": "string",
               "time": number,
               "timing": "string"
            }
         ],
         "invoicingEntity": {
            "branchName": "string",
            "legalName": "string"
         },
         "itemizedCharges": [
            {
               "chargeReference": "string",
               "dimensionKey": "string",
               "incrementalChargeAmount": "string",
               "newQuantity": number,
               "oldQuantity": number
            }
         ],
         "newAgreementValue": "string",
         "newAgreementValueAfterTax": "string"
      }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

agreementRequestId

The unique identifier of the agreement request created. Use this identifier with `AcceptAgreementRequest` to accept the agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `ar-[A-Za-z0-9]+`

chargeSummary

Provides details of the charges associated with the agreement request. This is only applicable when a request is created for `PurchaseAgreement`.

Type: ChargeSummary object

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ConflictException

Request was denied due to a resource conflict.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier of the resource involved in the conflict.

resourceType

The type of the resource involved in the conflict.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which does not exist.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier for the resource.

resourceType

The type of resource.

HTTP Status Code: 400

ServiceQuotaExceededException

Request exceeded the maximum allowed limit (quota) for a specific resource or API operation.

message

Description of the error.

quotaCode

The code of the quota that was exceeded.

requestId

The unique identifier for the error.

resourceId

The unique identifier of the resource that exceeded the quota.

resourceType

The type of the resource that exceeded the quota.

serviceCode

The code of the service whose quota was exceeded.

HTTP Status Code: 400

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of CreateAgreementRequest.

```
{
    "clientToken": "75298638-97dc-4588-bd5b-e7d5a40f1367",
    "intent": "NEW",
    "requestedTerms": [
        {
            "id": "term-
EXAMPLE1a2b3c4d5e6f7a8b9c0d1e2f3a4b5c6d7e8f9a0b1c2d3e4f5a6b7c8d",
            "configuration": {
                "configurableUpfrontPricingTermConfiguration": {
                    "selectorValue": "P12M",
                    "dimensions": [
                        {
                            "dimensionKey": "AdminUsers",
                            "dimensionValue": 5
                        },
                        {
                            "dimensionKey": "ReadOnlyUsers",
                            "dimensionValue": 10
                        }
                    ]
                }
            }
        },
        {
```

```
            "id": "term-
EXAMPLE2b3c4d5e6f7a8b9c0d1e2f3a4b5c6d7e8f9a0b1c2d3e4f5a6b7c8d9e",
            "configuration": {
                "renewalTermConfiguration": {
                    "enableAutoRenew": false
                }
            }
        },
        {
            "id": "term-
EXAMPLE3c4d5e6f7a8b9c0d1e2f3a4b5c6d7e8f9a0b1c2d3e4f5a6b7c8d9e0f"
        }
    ],
    "agreementProposalIdentifier": "ap-EXAMPLE6b64-0c26-8e5EXAMPLE12"
}
```

Sample response

This example illustrates one usage of CreateAgreementRequest.

```
{
    "agreementRequestId": "ar-EXAMPLE4a53-9b12-3d4EXAMPLE78",
    "chargeSummary": {
        "currencyCode": "USD",
        "newAgreementValue": "100",
        "expectedCharges": [
            {
                "id": "ch-EXAMPLE4b42-9614-5c3EXAMPLE56",
                "amount": "100",
                "time": null,
                "timing": "ON_ACCEPTANCE"
            },
            {
                "id": "ch-EXAMPLE5c53-0725-6d4EXAMPLE67",
                "amount": null,
                "time": null,
                "timing": "BILLING_PERIOD"
            }
        ],
        "itemizedCharges": [
            {
                "dimensionKey": "AdminUsers",
                "newQuantity": 5,
                "oldQuantity": 0,
```

```
                "incrementalChargeAmount": "50",
                "chargeReference": "ch-EXAMPLE4b42-9614-5c3EXAMPLE56"
            },
            {
                "dimensionKey": "ReadOnlyUsers",
                "newQuantity": 10,
                "oldQuantity": 0,
                "incrementalChargeAmount": "50",
                "chargeReference": "ch-EXAMPLE4b42-9614-5c3EXAMPLE56"
            }
        ]
    }
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

DescribeAgreement

Service: AWS Marketplace Agreement Service

Provides details about an agreement, such as the proposer, acceptor, start date, and end date.

Request Syntax

```
{
   "agreementId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

agreementId

The unique identifier of the agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

Response Syntax

```
{
   "acceptanceTime": number,
   "acceptor": {
```

```
      "accountId": "string"
   },
   "agreementId": "string",
   "agreementType": "string",
   "endTime": number,
   "endTimeBehavior": {
      "reasonCode": "string",
      "renewalSummary": {
         "offerId": "string"
      },
      "type": "string"
   },
   "estimatedCharges": {
      "agreementValue": "string",
      "currencyCode": "string"
   },
   "initialAgreementId": "string",
   "proposalSummary": {
      "offerId": "string",
      "offerSetId": "string",
      "resources": [
         {
            "id": "string",
            "type": "string"
         }
      ]
   },
   "proposer": {
      "accountId": "string"
   },
   "startTime": number,
   "status": "string"
}
```


Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

acceptanceTime

The date and time the offer was accepted or the agreement was created.

> **Note**
>
> `AcceptanceTime` and `StartTime` can differ for future dated agreements (FDAs).

Type: Timestamp

acceptor

The details of the party accepting the agreement terms. This is commonly the buyer for `PurchaseAgreement`.

Type: Acceptor object

agreementId

The unique identifier of the agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

agreementType

The type of agreement. Values are `PurchaseAgreement` or `VendorInsightsAgreement`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z]+`

endTime

The date and time when the agreement ends. The field is `null` for pay-as-you-go agreements, which don't have end dates.

Type: Timestamp

endTimeBehavior

The behavior of the agreement when it reaches its end date. For example, whether the agreement renews, and if it doesn't, the reason why.

This field is present for every active agreement that has an end date. It is not present for an agreement that has no end date, because such an agreement never reaches an end time. Pay-as-you-go agreements are the most common example. It is also not present for an agreement that is no longer active.

Type: EndTimeBehavior object

estimatedCharges

The estimated cost of the agreement.

Type: EstimatedCharges object

initialAgreementId

The unique identifier of the very first agreement in a chain of related agreements, such as renewals or replacements. It stays the same across all agreements in that chain, which lets you trace an agreement back to the original. When an agreement isn't derived from another agreement, its `InitialAgreementId` is its own `AgreementId`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

proposalSummary

A summary of the proposal received from the proposer.

Type: ProposalSummary object

proposer

The details of the party proposing the agreement terms. This is commonly the seller for `PurchaseAgreement`.

Type: Proposer object

startTime

The date and time when the agreement starts.

Type: Timestamp

status

The current status of the agreement.

Statuses include:

- `ACTIVE` – The terms of the agreement are active.
- `CANCELLED` – The acceptor ended the agreement before the defined end date.
- `EXPIRED` – The agreement ended on the defined end date.
- `RENEWED` – The agreement was renewed into a new agreement (for example, an auto-renewal).
- `REPLACED` – The agreement was replaced using an agreement replacement offer.
- `TERMINATED` – The agreement ended before the defined end date because of an AWS termination (for example, a payment failure).

Type: String

Valid Values: `ACTIVE | CANCELLED | EXPIRED | RENEWED | REPLACED | TERMINATED`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which does not exist.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier for the resource.

resourceType

The type of resource.

HTTP Status Code: 400

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of DescribeAgreement.

```
{
    "agreementId" : "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95"
}
```

Sample response

This example illustrates one usage of DescribeAgreement.

```
{
   "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95",
   "acceptor": {
        "accountId": "123456789010"
   },
   "proposer": {
        "accountId": "123456789010"
   },
   "startTime": "2019-10-08T21:40:43.644Z",
   "endTime": "2026-10-08T21:40:43.644Z",
   "acceptanceTime": "2019-10-08T00:00:00.000Z",
```

```
    "agreementType": "PurchaseAgreement",
    "proposalSummary": {
        "resources": [
            {
                "id": "0EXAMPLE-8ce8-4814-bcf1-636EXAMPLEb5",
                "type": "AmiProduct"
            }
        ],
        "offerId": "ABCDEFGHIJKLMNOP123",
        "offerSetId": "KMZQABLKAXWYG3NW516"
    },
    "status": "ACTIVE",
    "estimatedCharges": {
        "currencyCode": "USD",
        "agreementValue": "1000"
    },
    "initialAgreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95",
    "endTimeBehavior": {
        "type": "EXPIRE",
        "reasonCode": "ACCEPTOR_RENEW_OPTED_OUT",
        "renewalSummary": {
            "offerId": "ABCDEFGHIJKLMNOP123"
        }
    }
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)

- AWS SDK for Ruby V3

GetAgreementCancellationRequest

Service: AWS Marketplace Agreement Service

Retrieves detailed information about a specific agreement cancellation request. Both sellers (proposers) and buyers (acceptors) can use this operation to view cancellation requests associated with their agreements.

Request Syntax

```
{
   "agreementCancellationRequestId": "string",
   "agreementId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

agreementCancellationRequestId

The unique identifier of the cancellation request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `acr-[a-zA-Z0-9]+`

Required: Yes

agreementId

The unique identifier of the agreement associated with the cancellation request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

Response Syntax

```
{
   "agreementCancellationRequestId": "string",
   "agreementId": "string",
   "createdAt": number,
   "description": "string",
   "reasonCode": "string",
   "status": "string",
   "statusMessage": "string",
   "updatedAt": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

agreementCancellationRequestId

The unique identifier of the cancellation request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `acr-[a-zA-Z0-9]+`

agreementId

The unique identifier of the agreement associated with this cancellation request. Use `DescribeAgreement` to retrieve full agreement details.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

createdAt

The date and time when the cancellation request was created.

Type: Timestamp

description

The detailed description of the cancellation reason, if provided.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

reasonCode

The reason code provided for the cancellation.

Type: String

Valid Values: `INCORRECT_TERMS_ACCEPTED | REPLACING_AGREEMENT | TEST_AGREEMENT | ALTERNATIVE_PROCUREMENT_CHANNEL | PRODUCT_DISCONTINUED | UNINTENDED_RENEWAL | BUYER_DISSATISFACTION | OTHER`

status

The current status of the cancellation request.

Type: String

Valid Values: `PENDING_APPROVAL | APPROVED | REJECTED | CANCELLED | VALIDATION_FAILED`

statusMessage

A message providing additional context about the cancellation request status.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

updatedAt

The date and time when the cancellation request was last updated.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which does not exist.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier for the resource.

resourceType

The type of resource.

HTTP Status Code: 400

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of GetAgreementCancellationRequest.

```
{
    "agreementId": "agmt-EXAMPLE752jqvg74yo7k",
    "agreementCancellationRequestId": "acr-EXAMPLEsgew33rhsds"
}
```

Sample response

This example illustrates one usage of GetAgreementCancellationRequest.

```
{
    "agreementCancellationRequestId": "acr-EXAMPLEsgew33rhsds",
    "agreementId": "agmt-EXAMPLE752jqvg74yo7k",
    "reasonCode": "PRODUCT_DISCONTINUED",
    "description": "Product is being discontinued and no longer supported",
    "status": "VALIDATION_FAILED",
    "statusMessage": "Agreement is not in an active state",
    "createdAt": 1736935800,
    "updatedAt": 1737022200
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

GetAgreementEntitlements

Service: AWS Marketplace Agreement Service

Obtains details about the entitlements of an agreement.

Request Syntax

```
{
   "agreementId": "string",
   "maxResults": number,
   "nextToken": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

agreementId

The unique identifier of the agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

maxResults

The maximum number of agreement entitlements to return in the response.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

nextToken

A token to specify where to start pagination.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=_-]+`

Required: No

Response Syntax

```
{
   "agreementEntitlements": [
      {
         "licenseArn": "string",
         "registrationToken": "string",
         "resource": {
            "id": "string",
            "type": "string"
         },
         "status": "string",
         "statusReasonCode": "string",
         "type": "string"
      }
   ],
   "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

agreementEntitlements

A list of agreement entitlements which are part of the latest agreement.

Type: Array of AgreementEntitlement objects

nextToken

The token used for pagination. The field is `null` if there are no more results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=_-]+`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which does not exist.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier for the resource.

resourceType

The type of resource.

HTTP Status Code: 400

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of GetAgreementEntitlements.

```
{
    "agreementId": "agmt-EXAMPLE0aa6-4e42-8715-6a1EXAMPLE95"
}
```

Sample response

This example illustrates one usage of GetAgreementEntitlements.

```
{
    "agreementEntitlements": [
        {
            "resource": {
                "id": "prod-EXAMPLE",
                "type": "SaaSProduct"
            },
            "status": "PROVISIONED",
            "statusReasonCode": "AGREEMENT_ACTIVE",
            "type": "AWS::Marketplace::Usage",
            "registrationToken": "EXAMPLE-registration-token",
            "licenseArn": "arn:aws:license-manager::123456789012:license/lic-
EXAMPLE01234abcd"
        },
        {
            "resource": {
                "id": "prod-EXAMPLE",
                "type": "SaaSProduct"
            },
            "status": "PENDING",
            "statusReasonCode": "PROVISIONING_IN_PROGRESS",
            "type": "AWS::Marketplace::Discount",
```

```
            "registrationToken": null,
            "licenseArn": null
        }
    ],
    "nextToken": null
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

GetAgreementPaymentRequest

Service: AWS Marketplace Agreement Service

Retrieves detailed information about a specific payment request. Both sellers (proposers) and buyers (acceptors) can use this operation to view payment requests associated with their agreements. The response includes the current status, charge details, timestamps, and the charge ID if the request has been approved.

> **Note**
>
> The calling identity must be either the acceptor or proposer of the payment request. A `ResourceNotFoundException` is returned if the payment request does not exist.

Request Syntax

```
{
   "agreementId": "string",
   "paymentRequestId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

agreementId

The unique identifier of the agreement associated with the payment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

paymentRequestId

The identifier of the payment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `pr-[a-zA-Z0-9]+`

Required: Yes

Response Syntax

```
{
   "agreementId": "string",
   "chargeAmount": "string",
   "chargeId": "string",
   "createdAt": number,
   "currencyCode": "string",
   "description": "string",
   "name": "string",
   "paymentRequestId": "string",
   "status": "string",
   "statusMessage": "string",
   "updatedAt": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

agreementId

The unique identifier of the agreement associated with this payment request. Use `DescribeAgreement` to retrieve full agreement details.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

chargeAmount

The amount charged or to be charged to the buyer.

Type: String

Pattern: `[0-9]*(\.[0-9]{0,8})?`

chargeId

The unique identifier of the charge created after the payment request is approved. This field is only present for approved payment requests and follows the pattern `ch-[a-zA-Z0-9]+`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `ch-[a-zA-Z0-9]+`

createdAt

The date and time when the payment request was created.

Type: Timestamp

currencyCode

The currency code for the charge amount.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

description

The detailed description of the payment request, if provided.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

name

The descriptive name of the payment request.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 64.

Pattern: `.+`

paymentRequestId

The unique identifier of the payment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `pr-[a-zA-Z0-9]+`

status

The current status of the payment request. Possible values include:

- `VALIDATING` – The payment request is being validated against agreement terms.
- `VALIDATION_FAILED` – The payment request failed validation.
- `PENDING_APPROVAL` – The payment request is awaiting buyer action.
- `APPROVED` – The buyer has approved the payment request.
- `REJECTED` – The buyer has rejected the payment request.
- `CANCELLED` – The seller has cancelled the payment request.

Type: String

Valid Values: `VALIDATING | VALIDATION_FAILED | PENDING_APPROVAL | APPROVED | REJECTED | CANCELLED`

statusMessage

An optional message providing additional context about the payment request status, such as a rejection reason or validation failure details.

Type: String

updatedAt

The date and time when the payment request was last updated.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which does not exist.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier for the resource.

resourceType

The type of resource.

HTTP Status Code: 400

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of GetAgreementPaymentRequest.

```
{
    "paymentRequestId": "prEXAMPLE-1bb7-5f53-9826-7b2EXAMPLE06",
    "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95"
}
```

Sample response

This example illustrates one usage of GetAgreementPaymentRequest.

```
{
    "paymentRequestId": "prEXAMPLE-1bb7-5f53-9826-7b2EXAMPLE06",
    "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95",
    "status": "APPROVED",
    "name": "Q1 2024 Usage Charges",
    "description": "Payment request for Q1 2024 usage charges for premium support
 services",
    "chargeId": "chEXAMPLE-4dd9-7h75-1048-9d4EXAMPLE28",
    "chargeAmount": "1250.50",
    "currencyCode": "USD",
    "createdAt": 1705314600,
    "updatedAt": 1705405500
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3

- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

GetAgreementTerms

Service: AWS Marketplace Agreement Service

Obtains details about the terms in an agreement that you participated in as proposer or acceptor.

The details include:

- `TermType` – The type of term, such as `LegalTerm`, `RenewalTerm`, or `ConfigurableUpfrontPricingTerm`.
- `TermID` – The ID of the particular term, which is common between offer and agreement.
- `TermPayload` – The key information contained in the term, such as the EULA for `LegalTerm` or pricing and dimensions for various pricing terms, such as `ConfigurableUpfrontPricingTerm` or `UsageBasedPricingTerm`.

- `Configuration` – The buyer/acceptor's selection at the time of agreement creation, such as the number of units purchased for a dimension or setting the `EnableAutoRenew` flag.

Request Syntax

```
{
   "agreementId": "string",
   "maxResults": number,
   "nextToken": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

agreementId

The unique identifier of the agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

maxResults

The maximum number of agreements to return in the response.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

nextToken

A token to specify where to start pagination.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=_-]+`

Required: No

Response Syntax

```
{
   "acceptedTerms": [
      { ... }
   ],
   "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

acceptedTerms

A subset of terms proposed by the proposer that have been accepted by the acceptor as part of the agreement creation.

Type: Array of AcceptedTerm objects

nextToken

The token used for pagination. The field is `null` if there are no more results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=_-]+`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which does not exist.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier for the resource.

resourceType

The type of resource.

HTTP Status Code: 400

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of GetAgreementTerms.

```
{
   "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95"
}
```

Sample response

This example illustrates one usage of GetAgreementTerms.

```
{
    "AcceptedTerms": [{
            "ConfigurableUpfrontPricingTerm": {
                "Type": "ConfigurableUpfrontPricingTerm",
                "CurrencyCode": "USD",
                "RateCards": [{
                        "Selector": {
                            "Type": "Duration",
                            "Value": "P24M"
                        },
                        "Constraints": {
                            "MultipleDimensionSelection": "Allowed",
                            "QuantityConfiguration": "Allowed"
                        },
                        "RateCard": [{
                                "DimensionKey": "AdminUsers",
```

```
                            "Price": "0.5"
                        },
                        {
                            "DimensionKey": "ReadOnlyUsers",
                            "Price": "1"
                        }
                    ]
                },
                {
                    "Selector": {
                        "Type": "Duration",
                        "Value": "P36M"
                    },
                    "Constraints": {
                        "MultipleDimensionSelection": "Allowed",
                        "QuantityConfiguration": "Allowed"
                    },
                    "RateCard": [{
                            "DimensionKey": "AdminUsers",
                            "Price": "1"
                        },
                        {
                            "DimensionKey": "ReadOnlyUsers",
                            "Price": "2"
                        }
                    ]
                }
            ],
            "Configuration": {
                "Dimensions": [{
                    "DimensionKey": "AdminUsers",
                    "DimensionValue": 1
                }],
                "SelectorValue": "P24M"
            }
        }
    },
    {
        "RenewalTerm": {
            "Type": "RenewalTerm",
            "Configuration": {
                "EnableAutoRenew": false
            },
            "LockoutPeriod": "P30D",
```

```
                "MaxRenewals": 3,
                "AdjustmentDeadline": "P60D",
                "PriceIncrease": {
                    "PercentageRange": {
                        "MinValue": "0",
                        "MaxValue": "10.00",
                        "DefaultValue": "5.00"
                    }
                },
                "TermTemplates": [{
                        "PaymentScheduleTermTemplate": {
                            "Schedule": [{
                                    "ChargeDateOffset": "P0M",
                                    "ChargePercentage": "50.00",
                                    "DayOfMonth": 1
                                },
                                {
                                    "ChargeDateOffset": "P6M",
                                    "ChargePercentage": "50.00",
                                    "DayOfMonth": 1
                                }
                            ]
                        }
                    }
                ]
            }
        },
        {
            "VariablePaymentTerm": {
                "Type": "VariablePaymentTerm",
                "CurrencyCode": "USD",
                "MaxTotalChargeAmount": "50",
                "Configuration": {
                    "ExpirationDuration": "P10D",
                    "PaymentRequestApprovalStrategy": "AUTO_APPROVE_ON_EXPIRATION"
                }
            }
        },
        {
            "legalTerm": {
                "type": "LegalTerm",
                "documents": [{
                    "type": "CustomEula",
                    "url": "URL"
```

```
                }]
            }
        },
        {
            "netPaymentTerm": {
                "type": "NetPaymentTerm",
                "id": "term-EXAMPLE1234abcd",
                "paymentDuePeriod": "P60D"
            }
        }

    ],
    "nextToken": null
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

GetBillingAdjustmentRequest

Service: AWS Marketplace Agreement Service

Retrieves detailed information about a specific billing adjustment request. Sellers (proposers) can use this operation to view the status and details of a billing adjustment request they submitted.

Request Syntax

```
{
   "agreementId": "string",
   "billingAdjustmentRequestId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

agreementId

The unique identifier of the agreement associated with the billing adjustment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

billingAdjustmentRequestId

The unique identifier of the billing adjustment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `ba-[a-zA-Z0-9]+`

Required: Yes

Response Syntax

```
{
   "adjustmentAmount": "string",
   "adjustmentReasonCode": "string",
   "agreementId": "string",
   "billingAdjustmentRequestId": "string",
   "createdAt": number,
   "currencyCode": "string",
   "description": "string",
   "originalInvoiceId": "string",
   "status": "string",
   "statusMessage": "string",
   "updatedAt": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

adjustmentAmount

The adjustment amount as a string representation of a decimal number.

Type: String

Pattern: `[0-9]*(\.[0-9]{0,8})?`

adjustmentReasonCode

The reason code for the billing adjustment.

Type: String

Valid Values: `INCORRECT_TERMS_ACCEPTED | INCORRECT_METERING | TEST_ENVIRONMENT_CHARGES | ALTERNATIVE_PROCUREMENT_CHANNEL | UNINTENDED_RENEWAL | BUYER_DISSATISFACTION | OTHER`

agreementId

The unique identifier of the agreement associated with this billing adjustment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

billingAdjustmentRequestId

The unique identifier of the billing adjustment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `ba-[a-zA-Z0-9]+`

createdAt

The date and time when the billing adjustment request was created.

Type: Timestamp

currencyCode

The currency code for the adjustment amount (e.g., USD).

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

originalInvoiceId

The identifier of the original invoice being adjusted.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

status

The current status of the billing adjustment request.

Type: String

Valid Values: `PENDING | VALIDATION_FAILED | COMPLETED`

updatedAt

The date and time when the billing adjustment request was last updated.

Type: Timestamp

description

The detailed description of the billing adjustment reason, if provided.

Type: String

statusMessage

A message providing additional context about the billing adjustment request status. This field is populated only when the status is `VALIDATION_FAILED`.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 500.

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which does not exist.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier for the resource.

resourceType

The type of resource.

HTTP Status Code: 400

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of GetBillingAdjustmentRequest.

```
{
    "billingAdjustmentRequestId": "ba-EXAMPLE1a2b3c4d5e",
    "agreementId": "agmt-EXAMPLESvIzsqYMyQwI3"
}
```

Sample response

This example illustrates one usage of GetBillingAdjustmentRequest.

```
{
    "billingAdjustmentRequestId": "ba-EXAMPLE1a2b3c4d5e",
    "agreementId": "agmt-EXAMPLESvIzsqYMyQwI3",
    "adjustmentReasonCode": "OTHER",
    "description": "Customer requested adjustment due to service outage",
    "originalInvoiceId": "E2E20230929a108cfae",
    "adjustmentAmount": "500.00",
```

```
    "currencyCode": "USD",
    "status": "PENDING",
    "createdAt": 1750793400,
    "updatedAt": 1750793400
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

ListAgreementCancellationRequests

Service: AWS Marketplace Agreement Service

Lists agreement cancellation requests available to you as a seller or buyer. Both sellers (proposers) and buyers (acceptors) can use this operation to find cancellation requests by specifying their party type and applying optional filters.

> **Note**
>
> `PartyType` is a required parameter. A `ValidationException` is returned if `PartyType` is not provided.

Request Syntax

```
{
   "agreementId": "string",
   "agreementType": "string",
   "catalog": "string",
   "maxResults": number,
   "nextToken": "string",
   "partyType": "string",
   "status": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

partyType

The party type for the cancellation requests. Required parameter. Use `Proposer` to list cancellation requests where you are the seller, or `Acceptor` to list cancellation requests where you are the buyer.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: `[A-Za-z]+`

Required: Yes

agreementId

An optional parameter to filter cancellation requests for a specific agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: No

agreementType

An optional parameter to filter cancellation requests by agreement type (e.g., `PurchaseAgreement`).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z]+`

Required: No

catalog

An optional parameter to filter cancellation requests by catalog (e.g., `AWSMarketplace`).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9.-]+`

Required: No

maxResults

The maximum number of cancellation requests to return in the response.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

nextToken

A token to specify where to start pagination.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=_-]+`

Required: No

status

An optional parameter to filter cancellation requests by status.

Type: String

Valid Values: `PENDING_APPROVAL | APPROVED | REJECTED | CANCELLED | VALIDATION_FAILED`

Required: No

Response Syntax

```
{
   "items": [
      {
```

```
            "agreementCancellationRequestId": "string",
            "agreementId": "string",
            "agreementType": "string",
            "catalog": "string",
            "createdAt": number,
            "reasonCode": "string",
            "status": "string",
            "updatedAt": number
        }
    ],
    "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

items

An array of `AgreementCancellationRequestSummary` objects containing summary information about each cancellation request.

Type: Array of AgreementCancellationRequestSummary objects

nextToken

The token used for pagination. The field is `null` if there are no more results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=_-]+`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of ListAgreementCancellationRequests.

```
{
    "partyType": "Proposer",
    "maxResults": 10
}
```

Sample response

This example illustrates one usage of ListAgreementCancellationRequests.

```
{
    "items": [
        {
            "agreementCancellationRequestId": "acr-EXAMPLEsgew33rhsds",
            "agreementId": "agmt-EXAMPLE752jqvg74yo7k",
            "status": "PENDING_APPROVAL",
            "reasonCode": "OTHER",
            "agreementType": "PurchaseAgreement",
            "catalog": "AWSMarketplace",
            "createdAt": 1736935800,
            "updatedAt": 1737022200
        }
    ]
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

ListAgreementCharges

Service: AWS Marketplace Agreement Service

Allows acceptors to view charges and purchase orders that are associated with an agreement. The response includes details about all charges regardless of whether a purchase order is linked to each charge.

Request Syntax

```
{
   "agreementId": "string",
   "agreementType": "string",
   "catalog": "string",
   "maxResults": number,
   "nextToken": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

agreementId

The unique identifier of the agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: No

agreementType

Filter to retrieve charges of a specific agreement type (for example, `PurchaseAgreement`).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z]+`

Required: No

catalog

The catalog in which the charges were created.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9.-]+`

Required: No

maxResults

The maximum number of charges to return in the response.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

nextToken

A token to specify where to start pagination.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=_-]+`

Required: No

Response Syntax

```
{
```

```
   "items": [
      {
         "agreementId": "string",
         "agreementType": "string",
         "amount": "string",
         "currencyCode": "string",
         "id": "string",
         "purchaseOrderReference": "string",
         "revision": number,
         "time": number
      }
   ],
   "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

items

A list of agreement charges.

Type: Array of Charge objects

nextToken

The token used for pagination. The field is `null` if there are no more results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=_-]+`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of ListAgreementCharges.

```
{
    "catalog": "AWSMarketplace",
    "maxResults": 20,
    "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95"
}
```

Sample response

This example illustrates one usage of ListAgreementCharges.

```
{
    "items": [
        {
            "id": "chEXAMPLE-1aa7-4b42-9614-5c3EXAMPLE56",
            "revision": 1,
            "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95",
            "agreementType": "PurchaseAgreement",
            "purchaseOrderReference": "PO-123",
            "currencyCode": "USD",
            "amount": "100.00",
            "time": "2024-07-15T14:30:00Z"
        },
        {
```

```
            "id": "chEXAMPLE-2bb8-5c53-0725-6d4EXAMPLE67",
            "revision": 1,
            "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95",
            "agreementType": "PurchaseAgreement",
            "currencyCode": "USD",
            "amount": "50.00",
            "time": "2024-08-15T14:30:00Z"
        }
    ],
    "nextToken": "eyJhbGciOiJIUzI1NiJ9..."
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

ListAgreementInvoiceLineItems

Service: AWS Marketplace Agreement Service

Allows sellers (proposers) to retrieve aggregated billing data from AWS Marketplace agreements using flexible grouping. Supports invoice-level aggregation with filtering by billing period, invoice type, and issued date.

> **Note**
>
> The `groupBy` parameter is required and supports only `INVOICE_ID` as a value. The `agreementId` parameter is required.

Request Syntax

```
{
   "afterIssuedTime": number,
   "agreementId": "string",
   "beforeIssuedTime": number,
   "groupBy": "string",
   "invoiceBillingPeriod": {
      "month": number,
      "year": number
   },
   "invoiceId": "string",
   "invoiceType": "string",
   "maxResults": number,
   "nextToken": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

agreementId

The unique identifier of the agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

groupBy

Specifies a grouping strategy for line items. Currently supports `INVOICE_ID`.

Type: String

Valid Values: `INVOICE_ID`

Required: Yes

afterIssuedTime

An optional filter for invoices issued after the specified timestamp.

Type: Timestamp

Required: No

beforeIssuedTime

An optional filter for invoices issued before the specified timestamp.

Type: Timestamp

Required: No

invoiceBillingPeriod

An optional filter for the billing period associated with the invoice.

Type: InvoiceBillingPeriod object

Required: No

invoiceId

An optional filter to retrieve invoice information for a specific invoice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: No

invoiceType

An optional filter for the type of invoice. Valid values are `INVOICE` and `CREDIT_MEMO`.

Type: String

Valid Values: `INVOICE | CREDIT_MEMO`

Required: No

maxResults

The maximum number of results to return in the response.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

nextToken

A token to specify where to start pagination.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=_-]+`

Required: No

Response Syntax

```
{
   "agreementInvoiceLineItemGroupSummaries": [
```

```
      {
         "agreementId": "string",
         "invoiceBillingPeriod": {
            "month": number,
            "year": number
         },
         "invoiceId": "string",
         "invoiceType": "string",
         "invoicingEntity": {
            "branchName": "string",
            "legalName": "string"
         },
         "issuedTime": number,
         "pricingCurrencyAmount": {
            "amount": "string",
            "currencyCode": "string",
            "maxAdjustmentAmount": "string"
         }
      }
   ],
   "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

agreementInvoiceLineItemGroupSummaries

A list of grouped billing data objects.

Type: Array of AgreementInvoiceLineItemGroupSummary objects

nextToken

The token used for pagination. The field is `null` if there are no more results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=_-]+`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which does not exist.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier for the resource.

resourceType

The type of resource.

HTTP Status Code: 400

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of ListAgreementInvoiceLineItems.

```
{
    "agreementId": "agmt-EXAMPLESvIzsqYMyQwI3",
    "groupBy": "INVOICE_ID"
}
```

Sample response

This example illustrates one usage of ListAgreementInvoiceLineItems.

```
{
    "agreementInvoiceLineItemGroupSummaries": [
        {
            "agreementId": "agmt-EXAMPLESvIzsqYMyQwI3",
            "invoiceId": "E2E20250105a108cfae",
            "pricingCurrencyAmount": {
                "amount": "1080.00",
                "maxAdjustmentAmount": "1000.00",
                "currencyCode": "USD"
            },
            "invoiceBillingPeriod": {
                "month": 1,
                "year": 2025
            },
            "issuedTime": 1736103549,
            "invoiceType": "INVOICE",
            "invoicingEntity": {
                "legalName": "Amazon Web Services, Inc."
            }
        }
    ],
    "nextToken": null
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++

- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

ListAgreementPaymentRequests

Service: AWS Marketplace Agreement Service

Lists payment requests available to you as a seller or buyer. Both sellers (proposers) and buyers (acceptors) can use this operation to find payment requests by specifying their party type and applying optional parameters.

> **Note**
>
> `PartyType` is a required parameter. A `ValidationException` is returned if `PartyType` is not provided. Pagination is supported through `maxResults` (1-50, default 50) and `nextToken` parameters.

Request Syntax

```
{
   "agreementId": "string",
   "agreementType": "string",
   "catalog": "string",
   "maxResults": number,
   "nextToken": "string",
   "partyType": "string",
   "status": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

partyType

The party type for the payment requests. Required parameter. Use `Proposer` to list payment requests where you are the seller, or `Acceptor` to list payment requests where you are the buyer.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: `[A-Za-z]+`

Required: Yes

agreementId

An optional parameter to list payment requests for a specific agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: No

agreementType

An optional parameter to list payment requests by agreement type (e.g., `PurchaseAgreement`).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z]+`

Required: No

catalog

An optional parameter to list payment requests by catalog (e.g., `AWSMarketplace`).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9.-]+`

Required: No

maxResults

The maximum number of payment requests to return in a single response (1-50). Default is 50.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

nextToken

A token to specify where to start pagination.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=_-]+`

Required: No

status

An optional parameter to list payment requests by status. Valid values include `VALIDATING`, `VALIDATION_FAILED`, `PENDING_APPROVAL`, `APPROVED`, `REJECTED`, and `CANCELLED`.

Type: String

Valid Values: `VALIDATING | VALIDATION_FAILED | PENDING_APPROVAL | APPROVED | REJECTED | CANCELLED`

Required: No

Response Syntax

```
{
   "items": [
      {
         "agreementId": "string",
```

```
            "chargeAmount": "string",
            "chargeId": "string",
            "createdAt": number,
            "currencyCode": "string",
            "name": "string",
            "paymentRequestId": "string",
            "status": "string",
            "updatedAt": number
        }
    ],
    "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

items

An array of `PaymentRequestSummary` objects containing summary information about each payment request.

Type: Array of PaymentRequestSummary objects

nextToken

The token used for pagination. The field is `null` if there are no more results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=_-]+`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of ListAgreementPaymentRequests.

```
{
    "partyType": "Proposer",
    "status": "PENDING_APPROVAL",
    "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95",
    "maxResults": 10
}
```

Sample response

This example illustrates one usage of ListAgreementPaymentRequests.

```
{
    "items": [
        {
            "paymentRequestId": "prEXAMPLE-1bb7-5f53-9826-7b2EXAMPLE06",
            "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95",
            "status": "PENDING_APPROVAL",
            "name": "Q1 2024 Usage Charges",
            "chargeId": null,
            "chargeAmount": "1250.50",
            "currencyCode": "USD",
            "createdAt": 1705314600,
            "updatedAt": 1705314600
```

```
        },
        {
            "paymentRequestId": "prEXAMPLE-2cc8-6h64-0937-8c3EXAMPLE17",
            "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95",
            "status": "APPROVED",
            "name": "Q4 2023 Usage Charges",
            "chargeId": "chEXAMPLE-4dd9-7h75-1048-9d4EXAMPLE28",
            "chargeAmount": "980.25",
            "currencyCode": "USD",
            "createdAt": 1703081700,
            "updatedAt": 1703151000
        }
    ],
    "nextToken": "eyJNYXJrZXIiOiBudWxsLCAiYm90b190cnVuY2F0ZV9hbW91bnQiOiAyfQ=="
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

ListBillingAdjustmentRequests

Service: AWS Marketplace Agreement Service

Lists billing adjustment requests for a specific agreement. Sellers (proposers) can use this operation to view all billing adjustment requests associated with an agreement.

Request Syntax

```
{
   "agreementId": "string",
   "agreementType": "string",
   "catalog": "string",
   "createdAfter": number,
   "createdBefore": number,
   "maxResults": number,
   "nextToken": "string",
   "status": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

agreementId

The unique identifier of the agreement to list billing adjustment requests for.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: No

agreementType

An optional filter to return billing adjustment requests by agreement type (e.g., `PurchaseAgreement`).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z]+`

Required: No

catalog

An optional filter to return billing adjustment requests by catalog (e.g., `AWSMarketplace`).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9.-]+`

Required: No

createdAfter

An optional filter to return billing adjustment requests created after the specified timestamp.

Type: Timestamp

Required: No

createdBefore

An optional filter to return billing adjustment requests created before the specified timestamp.

Type: Timestamp

Required: No

maxResults

The maximum number of billing adjustment requests to return in the response.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

nextToken

A token to specify where to start pagination.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=_-]+`

Required: No

status

An optional filter to return billing adjustment requests with the specified status.

Type: String

Valid Values: `PENDING | VALIDATION_FAILED | COMPLETED`

Required: No

Response Syntax

```
{
   "items": [
      {
         "adjustmentAmount": "string",
         "agreementId": "string",
         "agreementType": "string",
         "billingAdjustmentRequestId": "string",
         "catalog": "string",
         "createdAt": number,
         "currencyCode": "string",
         "originalInvoiceId": "string",
         "status": "string",
         "updatedAt": number
```

```
      }
   ],
   "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

items

An array of `BillingAdjustmentSummary` objects containing summary information about each billing adjustment request.

Type: Array of BillingAdjustmentSummary objects

nextToken

The token used for pagination. The field is `null` if there are no more results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=_-]+`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of ListBillingAdjustmentRequests.

```
{
    "agreementId": "agmt-EXAMPLESvIzsqYMyQwI3"
}
```

Sample response

This example illustrates one usage of ListBillingAdjustmentRequests.

```
{
    "items": [
        {
            "billingAdjustmentRequestId": "ba-EXAMPLE1a2b3c4d5e",
            "status": "PENDING",
            "agreementId": "agmt-EXAMPLESvIzsqYMyQwI3",
            "originalInvoiceId": "E2E20230929a108cfae",
            "adjustmentAmount": "500.00",
            "currencyCode": "USD",
            "createdAt": 1750793400,
            "updatedAt": 1750793400
        },
        {
            "billingAdjustmentRequestId": "ba-EXAMPLE2b3c4d5e6f",
            "status": "PENDING",
            "agreementId": "agmt-EXAMPLESvIzsqYMyQwI3",
            "originalInvoiceId": "E2E20230930b209dfbf",
            "adjustmentAmount": "500.00",
            "currencyCode": "USD",
            "createdAt": 1750793400,
            "updatedAt": 1750793400
        }
```

```
    ],
    "nextToken": null
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

RejectAgreementCancellationRequest

Service: AWS Marketplace Agreement Service

Allows buyers (acceptors) to reject a cancellation request that is in `PENDING_APPROVAL` status. Once rejected, the cancellation request transitions to `REJECTED` status and the agreement remains active. Buyers must provide a reason for the rejection.

> **Note**
>
> Only cancellation requests in `PENDING_APPROVAL` status can be rejected. A `ConflictException` is thrown if the cancellation request is in any other status.

Request Syntax

```
{
   "agreementCancellationRequestId": "string",
   "agreementId": "string",
   "rejectionReason": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

agreementCancellationRequestId

The unique identifier of the cancellation request to reject.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `acr-[a-zA-Z0-9]+`

Required: Yes

agreementId

The unique identifier of the agreement associated with the cancellation request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

rejectionReason

The reason for rejecting the cancellation request (1-2000 characters). This message is visible to the seller.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

Required: Yes

Response Syntax

```
{
   "agreementCancellationRequestId": "string",
   "agreementId": "string",
   "createdAt": number,
   "description": "string",
   "reasonCode": "string",
   "status": "string",
   "statusMessage": "string",
   "updatedAt": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

agreementCancellationRequestId

The unique identifier of the rejected cancellation request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `acr-[a-zA-Z0-9]+`

agreementId

The unique identifier of the agreement associated with this cancellation request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

createdAt

The date and time when the cancellation request was originally created.

Type: Timestamp

description

The detailed description of the cancellation reason, if provided.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

reasonCode

The original reason code provided when the cancellation request was created.

Type: String

Valid Values: `INCORRECT_TERMS_ACCEPTED | REPLACING_AGREEMENT | TEST_AGREEMENT | ALTERNATIVE_PROCUREMENT_CHANNEL | PRODUCT_DISCONTINUED | UNINTENDED_RENEWAL | BUYER_DISSATISFACTION | OTHER`

status

The updated status of the cancellation request, which is `REJECTED`.

Type: String

Valid Values: `PENDING_APPROVAL | APPROVED | REJECTED | CANCELLED | VALIDATION_FAILED`

statusMessage

The rejection reason provided by the buyer.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

updatedAt

The date and time when the cancellation request was rejected.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ConflictException

Request was denied due to a resource conflict.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier of the resource involved in the conflict.

resourceType

The type of the resource involved in the conflict.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which does not exist.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier for the resource.

resourceType

The type of resource.

HTTP Status Code: 400

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of RejectAgreementCancellationRequest.

```
{
    "agreementCancellationRequestId": "acr-EXAMPLE752jqvg74yo7k",
    "agreementId": "agmt-EXAMPLE752jqvg74yo7k",
    "rejectionReason": "Still using the product"
}
```

Sample response

This example illustrates one usage of RejectAgreementCancellationRequest.

```
{
    "agreementCancellationRequestId": "acr-EXAMPLE752jqvg74yo7k",
    "agreementId": "agmt-EXAMPLE752jqvg74yo7k",
    "reasonCode": "PRODUCT_DISCONTINUED",
    "description": "Product is being discontinued and no longer supported",
    "status": "REJECTED",
    "statusMessage": "Still using the product",
    "createdAt": 1736935800,
    "updatedAt": 1737022200
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

RejectAgreementPaymentRequest

Service: AWS Marketplace Agreement Service

Allows buyers (acceptors) to reject a payment request that is in `PENDING_APPROVAL` status. Once rejected, the payment request transitions to `REJECTED` status and cannot be accepted. Buyers can optionally provide a reason for the rejection.

> **Note**
>
> Only payment requests in `PENDING_APPROVAL` status can be rejected. A `ConflictException` is thrown if the payment request is in any other status.

Request Syntax

```
{
   "agreementId": "string",
   "paymentRequestId": "string",
   "rejectionReason": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

agreementId

The unique identifier of the agreement associated with the payment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

paymentRequestId

The unique identifier of the payment request to reject.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `pr-[a-zA-Z0-9]+`

Required: Yes

rejectionReason

An optional reason for rejecting the payment request (1-250 characters). This message is visible to the seller.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 250.

Required: No

Response Syntax

```
{
   "agreementId": "string",
   "chargeAmount": "string",
   "createdAt": number,
   "currencyCode": "string",
   "description": "string",
   "name": "string",
   "paymentRequestId": "string",
   "status": "string",
   "statusMessage": "string",
   "updatedAt": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

agreementId

The unique identifier of the agreement associated with this payment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

chargeAmount

The amount that was requested to be charged.

Type: String

Pattern: `[0-9]*(\.[0-9]{0,8})?`

createdAt

The date and time when the payment request was originally created.

Type: Timestamp

currencyCode

The currency code for the charge amount.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

description

The detailed description of the payment request, if provided.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

name

The descriptive name of the payment request.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 64.

Pattern: `.+`

paymentRequestId

The unique identifier of the rejected payment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `pr-[a-zA-Z0-9]+`

status

The updated status of the payment request, which is `REJECTED`.

Type: String

Valid Values: `VALIDATING | VALIDATION_FAILED | PENDING_APPROVAL | APPROVED | REJECTED | CANCELLED`

statusMessage

The rejection reason provided by the buyer, if any.

Type: String

updatedAt

The date and time when the payment request was rejected.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ConflictException

Request was denied due to a resource conflict.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier of the resource involved in the conflict.

resourceType

The type of the resource involved in the conflict.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which does not exist.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier for the resource.

resourceType

The type of resource.

HTTP Status Code: 400

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of RejectAgreementPaymentRequest.

```
{
    "paymentRequestId": "prEXAMPLE-1bb7-5f53-9826-7b2EXAMPLE06",
    "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95",
    "rejectionReason": "Charges do not match agreed upon services"
}
```

Sample response

This example illustrates one usage of RejectAgreementPaymentRequest.

```
{
    "paymentRequestId": "prEXAMPLE-1bb7-5f53-9826-7b2EXAMPLE06",
    "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95",
    "status": "REJECTED",
    "statusMessage": "Charges do not match agreed upon services",
    "name": "Q1 2024 Usage Charges",
    "description": "Payment request for Q1 2024 usage charges for premium support
 services",
    "chargeAmount": "1250.50",
    "currencyCode": "USD",
    "createdAt": 1705314600,
    "updatedAt": 1705414800
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2

- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

SearchAgreements

Service: AWS Marketplace Agreement Service

Searches across all agreements that a proposer or an acceptor has in AWS Marketplace. The search returns a list of agreements with basic agreement information.

Request Syntax

```
{
   "catalog": "string",
   "filters": [
      {
         "name": "string",
         "values": [ "string" ]
      }
   ],
   "maxResults": number,
   "nextToken": "string",
   "sort": {
      "sortBy": "string",
      "sortOrder": "string"
   }
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

catalog

The catalog in which the agreement was created.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9.-]+`

Required: No

filters

The filter name and value pair used to return a specific list of results.

The following filters are supported:

- `ResourceIdentifier` – The unique identifier of the resource.
- `ResourceType` – Type of the resource, which is the product (`AmiProduct`, `ContainerProduct`, `SaaSProduct`, `ProfessionalServicesProduct`, or `MachineLearningProduct`).
- `PartyType` – The party type of the caller. Use `Proposer` or `Acceptor`.
- `AcceptorAccountId` – The AWS account ID of the party accepting the agreement terms.
- `OfferId` – The unique identifier of the offer in which the terms are registered in the agreement token.
- `Status` – The current status of the agreement. Values include `ACTIVE`, `CANCELLED`, `EXPIRED`, `RENEWED`, `REPLACED`, and `TERMINATED`.
- `BeforeEndTime` – A date used to filter agreements with a date before the `endTime` of an agreement.
- `AfterEndTime` – A date used to filter agreements with a date after the `endTime` of an agreement.
- `BeforeStartTime` – A date used to filter agreements with a date before the `startTime` of an agreement.
- `AfterStartTime` – A date used to filter agreements with a date after the `startTime` of an agreement.
- `BeforeLastUpdateTime` – A date used to filter agreements with a date before the `lastUpdateTime` of an agreement.
- `AfterLastUpdateTime` – A date used to filter agreements with a date after the `lastUpdateTime` of an agreement.
- `AgreementType` – The type of agreement. Supported value includes `PurchaseAgreement`.

- `OfferSetId` – A unique identifier for the offer set containing this offer. All agreements created from offers in this set include this identifier as context.
- `EndTimeBehaviorType` – What happens to the agreement when it reaches its end date. Values include `RENEW`, `REPLACE`, and `EXPIRE`.
- `EndTimeBehaviorReasonCode` – The reason why the agreement doesn't renew at its end date. Values include `PROPOSER_RENEW_OPTED_OUT`, `ACCEPTOR_RENEW_OPTED_OUT`, `NO_RENEWAL_TERM`, and `RENEWAL_LIMIT_EXHAUSTED`.
- `InitialAgreementId` – The unique identifier of the very first agreement in a chain of related agreements. Use this filter to return every agreement in the same chain.
- `LicenseArn` – The Amazon Resource Name (ARN) of the AWS License Manager license associated with an entitlement granted by the agreement.

A proposer can use any combination of the preceding filters along with `AgreementType`, which is required.

The following filter combinations are supported when the `PartyType` is `Acceptor`:

- `AgreementType`
- `AgreementType` + `Status`
- `AgreementType` + `EndTime`
- `AgreementType` + `Status` + `EndTime`
- `AgreementType` + `ResourceIdentifier`
- `AgreementType` + `ResourceIdentifier` + `EndTime`
- `AgreementType` + `ResourceIdentifier` + `Status`
- `AgreementType` + `ResourceIdentifier` + `Status` + `EndTime`
- `AgreementType` + `ResourceType`
- `AgreementType` + `ResourceType` + `EndTime`
- `AgreementType` + `OfferId`
- `AgreementType` + `OfferId` + `EndTime`
- `AgreementType` + `OfferId` + `Status`
- `AgreementType` + `OfferId` + `Status` + `EndTime`
- `AgreementType` + `OfferSetId`

- `AgreementType` + `OfferSetId` + `EndTime`
- `AgreementType` + `OfferSetId` + `Status`
- `AgreementType` + `OfferSetId` + `Status` + `EndTime`

> **Note**
>
> To filter by `EndTime`, you can use `BeforeEndTime`, `AfterEndTime`, or both.

Type: Array of Filter objects

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Required: No

maxResults

The maximum number of agreements to return in the response.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

nextToken

A token to specify where to start pagination.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=_-]+`

Required: No

sort

An object that contains the `SortBy` and `SortOrder` attributes. For `SearchAgreements`, `SortBy` supports `EndTime` for both party types, and `StartTime` and `LastUpdateTime` only when `PartyType` is `Proposer`. The default `SortBy` value is `EndTime`.

Type: Sort object

Required: No

Response Syntax

```
{
   "agreementViewSummaries": [
      {
         "acceptanceTime": number,
         "acceptor": {
            "accountId": "string"
         },
         "agreementId": "string",
         "agreementType": "string",
         "endTime": number,
         "endTimeBehaviorReasonCode": "string",
         "endTimeBehaviorType": "string",
         "entitlements": [
            {
               "licenseArn": "string"
            }
         ],
         "initialAgreementId": "string",
         "lastUpdateTime": number,
         "proposalSummary": {
            "offerId": "string",
            "offerSetId": "string",
            "resources": [
               {
                  "id": "string",
                  "type": "string"
               }
            ]
         },
         "proposer": {
            "accountId": "string"
         },
         "startTime": number,
         "status": "string"
      }
   ],
   "nextToken": "string"
```

```
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

agreementViewSummaries

A summary of the agreement, including top-level attributes (for example, the agreement ID, proposer, and acceptor).

Type: Array of AgreementViewSummary objects

nextToken

The token used for pagination. The field is `null` if there are no more results.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=_-]+`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of SearchAgreements.

```
{
    "catalog": "AWSMarketplace",
    "filters": [
        {
           "name": "AgreementType",
           "values": ["PurchaseAgreement"]
        },
        {
            "name": "PartyType",
            "values": ["Proposer"]
        },
        {
            "name": "AfterEndTime",
            "values": ["2019-10-08T00:00:00Z"]
        },
        {
            "name": "AcceptorAccountId",
            "values": ["123456789010"]
        }
    ]
}
```

Sample response

This example illustrates one usage of SearchAgreements.

```
{
    "agreementViewSummaries": [
       {
            "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95",
            "acceptor": {
                "accountId": "123456789010"
            },
            "proposer": {
                "accountId": "123456789010"
            },
            "startTime": "2019-10-08T21:40:43Z",
```

```
            "endTime": "2026-10-08T21:40:43Z",
            "lastUpdateTime": "2025-04-17T09:12:55Z",
            "acceptanceTime": "2019-10-08T00:00:00Z",
            "agreementType": "PurchaseAgreement",
            "proposalSummary": {
                "resources": [
                    {
                        "id": "0EXAMPLE-8ce8-4814-bcf1-636EXAMPLEb5",
                        "type": "SaaSProduct"
                    }
                ],
                "offerId": "ABCDEFGHIJKLMNOP123",
                "offerSetId": "KMZQABLKAXWYG3NW516"
            },
            "status": "ACTIVE",
            "entitlements": [
                {
                    "licenseArn": "arn:aws:license-manager::123456789012:license/lic-
EXAMPLE01234abcd"
                }
            ],
            "initialAgreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95",
            "endTimeBehaviorType": "EXPIRE",
            "endTimeBehaviorReasonCode": "ACCEPTOR_RENEW_OPTED_OUT"
        }
    ],
    "nextToken": null
}
```


See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin

- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

SendAgreementCancellationRequest

Service: AWS Marketplace Agreement Service

Allows sellers (proposers) to submit a cancellation request for an active agreement. The cancellation request is created in `PENDING_APPROVAL` status, at which point the buyer can review it.

Request Syntax

```
{
   "agreementId": "string",
   "clientToken": "string",
   "description": "string",
   "reasonCode": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

agreementId

The unique identifier of the agreement for which the cancellation request is being submitted.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

reasonCode

The reason code for the cancellation request.

Type: String

Valid Values: `INCORRECT_TERMS_ACCEPTED | REPLACING_AGREEMENT | TEST_AGREEMENT | ALTERNATIVE_PROCUREMENT_CHANNEL | PRODUCT_DISCONTINUED | UNINTENDED_RENEWAL | BUYER_DISSATISFACTION | OTHER`

Required: Yes

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

Required: No

description

An optional detailed description of the cancellation reason (1-2000 characters).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

Required: No

Response Syntax

```
{
   "agreementCancellationRequestId": "string",
   "agreementId": "string",
   "createdAt": number,
   "description": "string",
   "reasonCode": "string",
   "status": "string",
   "updatedAt": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

agreementCancellationRequestId

The unique identifier for the created cancellation request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `acr-[a-zA-Z0-9]+`

agreementId

The unique identifier of the agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

createdAt

The time when the cancellation request was created.

Type: Timestamp

description

The detailed description of the cancellation reason, if provided.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

reasonCode

The reason code provided for the cancellation.

Type: String

Valid Values: `INCORRECT_TERMS_ACCEPTED | REPLACING_AGREEMENT | TEST_AGREEMENT | ALTERNATIVE_PROCUREMENT_CHANNEL | PRODUCT_DISCONTINUED | UNINTENDED_RENEWAL | BUYER_DISSATISFACTION | OTHER`

status

The current status of the cancellation request. The initial status is `PENDING_APPROVAL`.

Type: String

Valid Values: `PENDING_APPROVAL | APPROVED | REJECTED | CANCELLED | VALIDATION_FAILED`

updatedAt

The time when the cancellation request was last updated.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ConflictException

Request was denied due to a resource conflict.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier of the resource involved in the conflict.

resourceType

The type of the resource involved in the conflict.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which does not exist.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier for the resource.

resourceType

The type of resource.

HTTP Status Code: 400

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of SendAgreementCancellationRequest.

```
{
    "agreementId": "agmt-EXAMPLE752jqvg74yo7k",
    "reasonCode": "OTHER",
```

```
    "description": "Due to budget constraints, we are unable to continue with our
 current subscription",
    "clientToken": "a1b2c3d4-5678-90ab-cdef-EXAMPLE11111"
}
```

Sample response

This example illustrates one usage of SendAgreementCancellationRequest.

```
{
    "agreementId": "agmt-EXAMPLE752jqvg74yo7k",
    "agreementCancellationRequestId": "acr-EXAMPLE752jqvg74yo7k",
    "status": "PENDING_APPROVAL",
    "reasonCode": "OTHER",
    "description": "Due to budget constraints, we are unable to continue with our
 current subscription",
    "createdAt": 1736935800,
    "updatedAt": 1736935800
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

SendAgreementPaymentRequest

Service: AWS Marketplace Agreement Service

Allows sellers (proposers) to submit a payment request to buyers (acceptors) for a specific charge amount for an agreement that includes a `VariablePaymentTerm`. The payment request is created in `PENDING_APPROVAL` status, at which point the buyer can accept or reject it.

> **Note**
>
> The agreement must be active and have a `VariablePaymentTerm` to support payment requests. The `chargeAmount` must not exceed the remaining available balance under the `VariablePaymentTerm` `maxTotalChargeAmount`.

Request Syntax

```
{
   "agreementId": "string",
   "chargeAmount": "string",
   "clientToken": "string",
   "description": "string",
   "name": "string",
   "termId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

agreementId

The unique identifier of the agreement for which the payment request is being submitted. Use `GetAgreementTerms` to retrieve agreement term details.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

chargeAmount

The amount requested to be charged to the buyer, positive decimal value in the currency of the accepted term.

> **Note**
>
> A `ValidationException` is returned if the `chargeAmount` exceeds the available balance, if the agreement doesn't have an active `VariablePaymentTerm`, or if the `termId` is invalid.

Type: String

Pattern: `[0-9]*(\.[0-9]{0,8})?`

Required: Yes

name

A descriptive name for the payment request (5-64 characters).

Type: String

Length Constraints: Minimum length of 5. Maximum length of 64.

Pattern: `.+`

Required: Yes

termId

The unique identifier of the `VariablePaymentTerm` for the agreement that the payment request is being sent for.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: Yes

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

Required: No

description

An optional detailed description of the payment request (1-2000 characters).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

Required: No

Response Syntax

```
{
   "agreementId": "string",
   "chargeAmount": "string",
   "createdAt": number,
   "currencyCode": "string",
   "description": "string",
   "name": "string",
   "paymentRequestId": "string",
   "status": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

agreementId

The agreement identifier for this payment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

chargeAmount

The amount being charged to the buyer.

Type: String

Pattern: `[0-9]*(\.[0-9]{0,8})?`

createdAt

The time when the payment request was created.

Type: Timestamp

currencyCode

The currency code for the charge amount (e.g., USD).

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

description

The detailed description of the payment request, if provided.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

name

The descriptive name of the payment request.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 64.

Pattern: `.+`

paymentRequestId

The unique identifier for the sent payment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `pr-[a-zA-Z0-9]+`

status

The current status of the payment request. The initial status is `PENDING_APPROVAL`.

Type: String

Valid Values: `VALIDATING | VALIDATION_FAILED | PENDING_APPROVAL | APPROVED | REJECTED | CANCELLED`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ConflictException

Request was denied due to a resource conflict.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier of the resource involved in the conflict.

resourceType

The type of the resource involved in the conflict.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which does not exist.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier for the resource.

resourceType

The type of resource.

HTTP Status Code: 400

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of SendAgreementPaymentRequest.

```
{
    "clientToken": "a1b2c3d4-5678-90ab-cdef-EXAMPLE11111",
    "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95",
    "termId": "termEXAMPLE-3cc8-6g64-0937-8c3EXAMPLE17",
    "name": "Q1 2024 Usage Charges",
    "chargeAmount": "1250.50",
    "description": "Payment request for Q1 2024 usage charges for premium support
 services"
}
```

Sample response

This example illustrates one usage of SendAgreementPaymentRequest.

```
{
    "paymentRequestId": "prEXAMPLE-1bb7-5f53-9826-7b2EXAMPLE06",
    "agreementId": "fEXAMPLE-0aa6-4e42-8715-6a1EXAMPLE95",
    "status": "PENDING_APPROVAL",
    "name": "Q1 2024 Usage Charges",
    "description": "Payment request for Q1 2024 usage charges for premium support
 services",
    "chargeAmount": "1250.50",
    "currencyCode": "USD",
    "createdAt": 1705314600
}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3

- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

UpdatePurchaseOrders

Service: AWS Marketplace Agreement Service

Allows acceptors to associate purchase orders with agreement charges after an agreement is created.

Request Syntax

```
{
   "purchaseOrders": [
      {
         "agreementId": "string",
         "chargeId": "string",
         "chargeRevision": number,
         "purchaseOrderReference": "string"
      }
   ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

purchaseOrders

Contains information about purchase order associations.

Type: Array of PurchaseOrder objects

Array Members: Minimum number of 1 item. Maximum number of 86 items.

Required: Yes

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

User does not have sufficient access to perform this action.

message

Description of the error.

reason

The reason for the access denied exception.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ConflictException

Request was denied due to a resource conflict.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier of the resource involved in the conflict.

resourceType

The type of the resource involved in the conflict.

HTTP Status Code: 400

InternalServerException

Unexpected error during processing of request.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 500

ResourceNotFoundException

Request references a resource which does not exist.

message

Description of the error.

requestId

The unique identifier for the error.

resourceId

The unique identifier for the resource.

resourceType

The type of resource.

HTTP Status Code: 400

ThrottlingException

Request was denied due to request throttling.

message

Description of the error.

requestId

The unique identifier for the error.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by the service.

fields

The fields associated with the error.

message

Description of the error.

reason

The reason associated with the error.

requestId

The unique identifier associated with the error.

HTTP Status Code: 400

Examples

Sample request

This example illustrates one usage of UpdatePurchaseOrders.

```
{
    "purchaseOrders": [
        {
            "agreementId": "agmt-EXAMPLE4e42-8715-6a1EXAMPLE95",
            "chargeId": "ch-EXAMPLE4b42-9614-5c3EXAMPLE56",
            "chargeRevision": 1,
            "purchaseOrderReference": "PO-456"
        }
    ]
}
```

Sample response

This example illustrates one usage of UpdatePurchaseOrders.

```
{}
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

AWS Marketplace Deployment Service

The following actions are supported by AWS Marketplace Deployment Service:

- ListTagsForResource
- PutDeploymentParameter
- TagResource
- UntagResource

ListTagsForResource

Service: AWS Marketplace Deployment Service

Lists all tags that have been added to a deployment parameter resource.

Request Syntax

```
GET /tags/resourceArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The Amazon Resource Name (ARN) associated with the deployment parameter resource you want to list tags on.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "tags": {
      "string" : "string"
   }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

tags

A map of key-value pairs, where each pair represents a tag present on the resource.

Type: String to string map

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerException

There was an internal service exception.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource wasn't found.

HTTP Status Code: 404

ThrottlingException

Too many requests.

HTTP Status Code: 429

ValidationException

An error occurred during validation.

fieldName

The field name associated with the error.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

PutDeploymentParameter

Service: AWS Marketplace Deployment Service

Creates or updates a deployment parameter and is targeted by `catalog` and `agreementId`.

Request Syntax

```
POST /catalogs/catalog/products/productId/deployment-parameters HTTP/1.1
Content-type: application/json

{
   "agreementId": "string",
   "clientToken": "string",
   "deploymentParameter": {
      "name": "string",
      "secretString": "string"
   },
   "expirationDate": "string",
   "tags": {
      "string" : "string"
   }
}
```

URI Request Parameters

The request uses the following URI parameters.

catalog

The catalog related to the request. Fixed value: `AWSMarketplace`

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z_-]+`

Required: Yes

productId

The product for which AWS Marketplace will save secrets for the buyer's account.

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

Request Body

The request accepts the following data in JSON format.

agreementId

The unique identifier of the agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

deploymentParameter

The deployment parameter targeted to the acceptor of an agreement for which to create the AWS Secret Manager resource.

Type: DeploymentParameterInput object

Required: Yes

clientToken

The idempotency token for deployment parameters. A unique identifier for the new version.

> **Note**
>
> This field is not required if you're calling using an AWS SDK. Otherwise, a `clientToken` must be provided with the request.

Type: String

Length Constraints: Minimum length of 32. Maximum length of 64.

Pattern: `[a-zA-Z0-9/_+=.:@-]+`

Required: No

expirationDate

The date when deployment parameters expire and are scheduled for deletion.

Type: Timestamp

Required: No

tags

A map of key-value pairs, where each pair represents a tag saved to the resource. Tags will only be applied for create operations, and they'll be ignored if the resource already exists.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `[a-zA-Z0-9/_+=.:@-]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Value Pattern: `[a-zA-Z0-9/_+=.:@-]+`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "agreementId": "string",
   "deploymentParameterId": "string",
   "resourceArn": "string",
   "tags": {
      "string" : "string"
   }
```

```
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

agreementId

The unique identifier of the agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

deploymentParameterId

The unique identifier of the deployment parameter.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: `dp-[a-zA-Z0-9]+`

resourceArn

The Amazon Resource Name (ARN) associated with the deployment parameter resource you want to create or update.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `[a-zA-Z0-9:*/-]+`

tags

A map of key-value pairs, where each pair represents a tag saved to the resource. Tags will only be applied for create operations, and they'll be ignored if the resource already exists.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `[a-zA-Z0-9/_+=.:@-]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Value Pattern: `[a-zA-Z0-9/_+=.:@-]+`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

resourceId

The unique identifier for the resource associated with the error.

HTTP Status Code: 409

InternalServerException

There was an internal service exception.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource wasn't found.

HTTP Status Code: 404

ServiceQuotaExceededException

The maximum number of requests per account has been exceeded.

HTTP Status Code: 402

ThrottlingException

Too many requests.

HTTP Status Code: 429

ValidationException

An error occurred during validation.

fieldName

The field name associated with the error.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

TagResource

Service: AWS Marketplace Deployment Service

Tags a resource.

Request Syntax

```
POST /tags/resourceArn HTTP/1.1
Content-type: application/json

{
   "tags": {
      "string" : "string"
   }
}
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The Amazon Resource Name (ARN) associated with the resource you want to tag.

Required: Yes

Request Body

The request accepts the following data in JSON format.

tags

A map of key-value pairs, where each pair represents a tag present on the resource.

Type: String to string map

Required: No

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

resourceId

The unique identifier for the resource associated with the error.

HTTP Status Code: 409

InternalServerException

There was an internal service exception.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource wasn't found.

HTTP Status Code: 404

ThrottlingException

Too many requests.

HTTP Status Code: 429

ValidationException

An error occurred during validation.

fieldName

The field name associated with the error.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

UntagResource

Service: AWS Marketplace Deployment Service

Removes a tag or list of tags from a resource.

Request Syntax

```
DELETE /tags/resourceArn?tagKeys=tagKeys HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The Amazon Resource Name (ARN) associated with the resource you want to remove the tag from.

Required: Yes

tagKeys

A list of key names of tags to be removed.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request configuration has conflicts. For details, see the accompanying error message.

resourceId

The unique identifier for the resource associated with the error.

HTTP Status Code: 409

InternalServerException

There was an internal service exception.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource wasn't found.

HTTP Status Code: 404

ThrottlingException

Too many requests.

HTTP Status Code: 429

ValidationException

An error occurred during validation.

fieldName

The field name associated with the error.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

AWS Marketplace Discovery

The following actions are supported by AWS Marketplace Discovery:

- GetListing
- GetOffer
- GetOfferSet
- GetOfferTerms
- GetProduct
- ListFulfillmentOptions
- ListPurchaseOptions
- SearchFacets
- SearchListings

GetListing

Service: AWS Marketplace Discovery

Provides details about a listing, such as descriptions, badges, categories, pricing model summaries, reviews, and associated products and offers.

Request Syntax

```
POST /2026-02-05/getListing HTTP/1.1
Content-type: application/json

{
   "listingId": "string",
   "locale": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

listingId

The unique identifier of the listing to retrieve.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

Required: Yes

locale

A BCP 47 language tag or comma-separated priority list specifying the preferred locale for response content. See `Locale` for supported values, constraints, fallback behavior, and the default locale. If omitted, the service returns content in the default locale.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[^;,]+(\s*,\s*[^;,]+){0,1}`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "associatedEntities": [
      {
         "offer": {
            "offerId": "string",
            "offerName": "string",
            "sellerOfRecord": {
               "displayName": "string",
               "sellerProfileId": "string"
            }
         },
         "product": {
            "manufacturer": {
               "displayName": "string",
               "sellerProfileId": "string"
            },
            "productId": "string",
            "productName": "string"
         }
      }
   ],
   "badges": [
      {
         "badgeType": "string",
         "displayName": "string"
      }
   ],
   "catalog": "string",
   "categories": [
      {
         "categoryId": "string",
         "displayName": "string"
```

```
      }
   ],
   "fulfillmentOptionSummaries": [
      {
         "displayName": "string",
         "fulfillmentOptionType": "string"
      }
   ],
   "highlights": [ "string" ],
   "integrationGuide": "string",
   "listingId": "string",
   "listingName": "string",
   "locale": "string",
   "logoThumbnailUrl": "string",
   "longDescription": "string",
   "pricingModels": [
      {
         "displayName": "string",
         "pricingModelType": "string"
      }
   ],
   "pricingUnits": [
      {
         "displayName": "string",
         "pricingUnitType": "string"
      }
   ],
   "promotionalMedia": [
      { ... }
   ],
   "publisher": {
      "displayName": "string",
      "sellerProfileId": "string"
   },
   "resources": [
      {
         "contentType": "string",
         "displayName": "string",
         "resourceType": "string",
         "value": "string"
      }
   ],
   "reviewSummary": {
      "reviewSourceSummaries": [
```

```
            {
               "averageRating": "string",
               "sourceId": "string",
               "sourceName": "string",
               "sourceUrl": "string",
               "totalReviews": number
            }
         ]
      },
      "sellerEngagements": [
         {
            "contentType": "string",
            "engagementType": "string",
            "value": "string"
         }
      ],
      "shortDescription": "string",
      "useCases": [
         {
            "useCase": {
               "description": "string",
               "displayName": "string",
               "value": "string"
            }
         }
      ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

associatedEntities

The products and offers associated with this listing. Each entity contains product and offer information.

Type: Array of ListingAssociatedEntity objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

badges

Badges indicating special attributes of the listing, such as free tier eligibility, free trial availability, or Quick Launch support.

Type: Array of ListingBadge objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

catalog

The name of the catalog that the listing belongs to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

categories

The categories used to classify this listing into logical groups.

Type: Array of Category objects

Array Members: Minimum number of 0 items. Maximum number of 30 items.

fulfillmentOptionSummaries

A summary of fulfillment options available for deploying or accessing the listing, such as AMI, SaaS, or Container.

Type: Array of FulfillmentOptionSummary objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

highlights

A list of key features that the listing offers to customers.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

listingId

The unique identifier of the listing.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

listingName

The human-readable display name of the listing.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

logoThumbnailUrl

The URL of the logo thumbnail image for the listing.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `https?://.*`

longDescription

A detailed description of what the listing offers, in paragraph format.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 32768.

Pattern: `.*\S.*`

pricingModels

The pricing models for offers associated with this listing, such as usage-based, contract, BYOL, or free.

Type: Array of PricingModel objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

pricingUnits

The pricing units that define the billing dimensions for offers associated with this listing, such as users, hosts, or data.

Type: Array of PricingUnit objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

promotionalMedia

Embedded promotional media provided by the creator of the product, such as images and videos.

Type: Array of PromotionalMedia objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

publisher

The entity who created and published the listing.

Type: SellerInformation object

resources

Resources that provide further information about using the product or requesting support, such as documentation links, support contacts, and usage instructions.

Type: Array of Resource objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

sellerEngagements

Engagement options available to potential buyers, such as requesting a private offer or requesting a demo.

Type: Array of SellerEngagement objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

shortDescription

A 1–3 sentence summary describing the key aspects of the listing.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

useCases

Use cases associated with the listing, describing scenarios where the product can be applied.

Type: Array of UseCaseEntry objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

integrationGuide

Optional guidance explaining how to use data in this listing. Primarily defines how to integrate with a multi-product listing.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

locale

The locale of the returned content. Indicates whether the response contains content in the requested locale, or fell back to the default locale. See `Locale` for details.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[^;,]+(\s*,\s*[^;,]+){0,1}`

reviewSummary

A summary of customer reviews available for the listing, including average rating and total review count by source.

Type: ReviewSummary object

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

You don't have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerException

Unexpected error during processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

reason

The reason that the input fails to satisfy the constraints specified by the service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2

- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

GetOffer

Service: AWS Marketplace Discovery

Provides details about an offer, such as the pricing model, seller of record, availability dates, badges, and associated products.

Request Syntax

```
POST /2026-02-05/getOffer HTTP/1.1
Content-type: application/json

{
   "locale": "string",
   "offerId": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

offerId

The unique identifier of the offer to retrieve.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

Required: Yes

locale

A BCP 47 language tag or comma-separated priority list specifying the preferred locale for response content. See `Locale` for supported values, constraints, fallback behavior, and the default locale. If omitted, the service returns content in the default locale.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[^;,]+(\s*,\s*[^;,]+){0,1}`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "agreementProposalId": "string",
   "associatedEntities": [
      {
         "offerSet": {
            "offerSetId": "string",
            "sellerOfRecord": {
               "displayName": "string",
               "sellerProfileId": "string"
            }
         },
         "product": {
            "manufacturer": {
               "displayName": "string",
               "sellerProfileId": "string"
            },
            "productId": "string",
            "productName": "string"
         }
      }
   ],
   "availableFromTime": number,
   "badges": [
      {
         "badgeType": "string",
         "displayName": "string"
      }
   ],
   "catalog": "string",
   "expirationTime": number,
   "locale": "string",
   "offerId": "string",
```

```
    "offerName": "string",
    "pricingModel": {
       "displayName": "string",
       "pricingModelType": "string"
    },
    "replacementAgreementId": "string",
    "sellerOfRecord": {
       "displayName": "string",
       "sellerProfileId": "string"
    }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

agreementProposalId

An encoded string to be passed by the acceptor of the terms when creating an agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

associatedEntities

The products and offer sets associated with this offer.

Type: Array of OfferAssociatedEntity objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

badges

Badges indicating special attributes of the offer, such as private pricing, future dated, or replacement offer.

Type: Array of PurchaseOptionBadge objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

catalog

The name of the catalog that the offer belongs to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

offerId

The unique identifier of the offer.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

pricingModel

The pricing model that determines how buyers are charged, such as usage-based, contract, BYOL, or free.

Type: PricingModel object

sellerOfRecord

The entity responsible for selling the product under this offer.

Type: SellerInformation object

availableFromTime

The date and time when the offer became available to the buyer.

Type: Timestamp

expirationTime

The date and time until when the offer can be procured. This value is null for offers that never expire.

Type: Timestamp

locale

The locale of the returned content. Indicates whether the response contains content in the requested locale, or fell back to the default locale. See `Locale` for details.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[^;,]+(\s*,\s*[^;,]+){0,1}`

offerName

The display name of the offer. This is free-form text provided by the seller.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

replacementAgreementId

The identifier of the existing agreement that this offer would replace. Enables agreement-based offer functionality.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

You don't have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerException

Unexpected error during processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

reason

The reason that the input fails to satisfy the constraints specified by the service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

GetOfferSet

Service: AWS Marketplace Discovery

Provides details about an offer set, which is a bundle of offers across multiple products. Includes the seller, availability dates, buyer notes, and associated product-offer pairs.

Request Syntax

```
POST /2026-02-05/getOfferSet HTTP/1.1
Content-type: application/json

{
   "locale": "string",
   "offerSetId": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

offerSetId

The unique identifier of the offer set to retrieve.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

Required: Yes

locale

A BCP 47 language tag or comma-separated priority list specifying the preferred locale for response content. See `Locale` for supported values, constraints, fallback behavior, and the default locale. If omitted, the service returns content in the default locale.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[^;,]+(\s*,\s*[^;,]+){0,1}`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "associatedEntities": [
      {
         "offer": {
            "offerId": "string",
            "offerName": "string",
            "sellerOfRecord": {
               "displayName": "string",
               "sellerProfileId": "string"
            }
         },
         "product": {
            "manufacturer": {
               "displayName": "string",
               "sellerProfileId": "string"
            },
            "productId": "string",
            "productName": "string"
         }
      }
   ],
   "availableFromTime": number,
   "badges": [
      {
         "badgeType": "string",
         "displayName": "string"
      }
   ],
   "buyerNotes": "string",
   "catalog": "string",
   "expirationTime": number,
   "locale": "string",
```

```
    "offerSetId": "string",
    "offerSetName": "string",
    "sellerOfRecord": {
       "displayName": "string",
       "sellerProfileId": "string"
    }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

associatedEntities

The products and offers included in this offer set.

Type: Array of OfferSetAssociatedEntity objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

badges

Badges indicating special attributes of the offer set, such as private pricing or future dated.

Type: Array of PurchaseOptionBadge objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

catalog

The name of the catalog that the offer set belongs to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

offerSetId

The unique identifier of the offer set.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

sellerOfRecord

The entity responsible for selling the products under this offer set.

Type: SellerInformation object

availableFromTime

The date and time when the offer set became available to the buyer.

Type: Timestamp

buyerNotes

Detailed information about the offer set that helps buyers understand its purpose and contents.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

expirationTime

The date and time when the offer set expires and is no longer available for procurement.

Type: Timestamp

locale

The locale of the returned content. Indicates whether the response contains content in the requested locale, or fell back to the default locale. See `Locale` for details.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[^;,]+(\s*,\s*[^;,]+){0,1}`

offerSetName

The display name of the offer set.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

You don't have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerException

Unexpected error during processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

reason

The reason that the input fails to satisfy the constraints specified by the service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

GetOfferTerms

Service: AWS Marketplace Discovery

Returns the terms attached to an offer, such as pricing terms (usage-based, contract, BYOL, free trial), legal terms, payment schedules, validity terms, support terms, and renewal terms.

Request Syntax

```
POST /2026-02-05/getOfferTerms HTTP/1.1
Content-type: application/json

{
   "locale": "string",
   "maxResults": number,
   "nextToken": "string",
   "offerId": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

offerId

The unique identifier of the offer whose terms to retrieve.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

Required: Yes

locale

A BCP 47 language tag or comma-separated priority list specifying the preferred locale for response content. See `Locale` for supported values, constraints, fallback behavior, and the default locale. If omitted, the service returns content in the default locale.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[^;,]+(\s*,\s*[^;,]+){0,1}`

Required: No

maxResults

The maximum number of results that are returned per call. You can use `nextToken` to get more results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 25.

Required: No

nextToken

If `nextToken` is returned, there are more results available. Make the call again using the returned token to retrieve the next page.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=]+`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "locale": "string",
   "nextToken": "string",
   "offerTerms": [
      { ... }
   ]
```

```
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

offerTerms

The terms attached to the offer. Each element contains exactly one term type.

Type: Array of OfferTerm objects

locale

The locale of the returned content. Indicates whether the response contains content in the requested locale, or fell back to the default locale. See `Locale` for details.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[^;,]+(\s*,\s*[^;,]+){0,1}`

nextToken

If `nextToken` is returned, there are more results available. Make the call again using the returned token to retrieve the next page.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=]+`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

You don't have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerException

Unexpected error during processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

reason

The reason that the input fails to satisfy the constraints specified by the service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3

- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

GetProduct

Service: AWS Marketplace Discovery

Provides details about a product, such as descriptions, highlights, categories, fulfillment option summaries, promotional media, and seller engagement options.

Request Syntax

```
POST /2026-02-05/getProduct HTTP/1.1
Content-type: application/json

{
   "locale": "string",
   "productId": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

productId

The unique identifier of the product to retrieve.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

Required: Yes

locale

A BCP 47 language tag or comma-separated priority list specifying the preferred locale for response content. See `Locale` for supported values, constraints, fallback behavior, and the default locale. If omitted, the service returns content in the default locale.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[^;,]+(\s*,\s*[^;,]+){0,1}`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "catalog": "string",
   "categories": [
      {
         "categoryId": "string",
         "displayName": "string"
      }
   ],
   "deployedOnAws": "string",
   "fulfillmentOptionSummaries": [
      {
         "displayName": "string",
         "fulfillmentOptionType": "string"
      }
   ],
   "highlights": [ "string" ],
   "listingId": "string",
   "locale": "string",
   "logoThumbnailUrl": "string",
   "longDescription": "string",
   "manufacturer": {
      "displayName": "string",
      "sellerProfileId": "string"
   },
   "productId": "string",
   "productName": "string",
   "promotionalMedia": [
      { ... }
   ],
   "resources": [
      {
         "contentType": "string",
```

```
            "displayName": "string",
            "resourceType": "string",
            "value": "string"
         }
      ],
      "sellerEngagements": [
         {
            "contentType": "string",
            "engagementType": "string",
            "value": "string"
         }
      ],
      "shortDescription": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

catalog

The name of the catalog that the product belongs to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

categories

The categories used to classify this product into logical groups.

Type: Array of Category objects

Array Members: Minimum number of 0 items. Maximum number of 30 items.

deployedOnAws

Indicates whether the product is deployed on AWS infrastructure.

Type: String

Valid Values: `DEPLOYED | NOT_DEPLOYED | NOT_APPLICABLE`

fulfillmentOptionSummaries

A summary of fulfillment options available for deploying or accessing the product, such as AMI, SaaS, or Container.

Type: Array of FulfillmentOptionSummary objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

highlights

A list of key features that the product offers to customers.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

listingId

The default listing identifier associated with the product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

logoThumbnailUrl

The URL of the logo thumbnail image for the product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `https?://.*`

longDescription

A detailed description of what the product does, in paragraph format.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 32768.

Pattern: `.*\S.*`

manufacturer

The entity who manufactured the product.

Type: SellerInformation object

productId

The unique identifier of the product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

productName

The human-readable display name of the product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

promotionalMedia

Embedded promotional media provided by the creator of the product, such as images and videos.

Type: Array of PromotionalMedia objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

resources

Resources that provide further information about using the product or requesting support, such as documentation links, support contacts, and usage instructions.

Type: Array of Resource objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

sellerEngagements

Engagement options available to potential buyers, such as requesting a private offer or requesting a demo.

Type: Array of SellerEngagement objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

shortDescription

A 1–3 sentence summary describing the key aspects of the product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

locale

The locale of the returned content. Indicates whether the response contains content in the requested locale, or fell back to the default locale. See `Locale` for details.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[^;,]+(\s*,\s*[^;,]+){0,1}`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

You don't have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerException

Unexpected error during processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

reason

The reason that the input fails to satisfy the constraints specified by the service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

ListFulfillmentOptions

Service: AWS Marketplace Discovery

Returns the fulfillment options available for a product, including deployment details such as version information, operating systems, usage instructions, and release notes.

Request Syntax

```
POST /2026-02-05/listFulfillmentOptions HTTP/1.1
Content-type: application/json

{
   "locale": "string",
   "maxResults": number,
   "nextToken": "string",
   "productId": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

productId

The unique identifier of the product for which to list fulfillment options.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

Required: Yes

locale

A BCP 47 language tag or comma-separated priority list specifying the preferred locale for response content. See `Locale` for supported values, constraints, fallback behavior, and the default locale. If omitted, the service returns content in the default locale.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[^;,]+(\s*,\s*[^;,]+){0,1}`

Required: No

maxResults

The maximum number of results that are returned per call. You can use `nextToken` to get more results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

nextToken

If `nextToken` is returned, there are more results available. Make the call again using the returned token to retrieve the next page.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=]+`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "fulfillmentOptions": [
      { ... }
   ],
   "locale": "string",
   "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

fulfillmentOptions

The fulfillment options available for the product. Each option describes how the buyer can deploy or access the product.

Type: Array of FulfillmentOption objects

locale

A BCP 47 language tag or comma-separated priority list of language tags that specifies the preferred locale for response content. The field accepts a maximum of two language tags.

The service resolves a locale string to the nearest supported locale. If no supported locale matches, the service applies the fallback behavior described below.

- **Preferred locale** (first tag) – The locale you want the service to return content in.
- **Fallback locale** (optional, second tag) – The service default locale (`en-US` or `en`). The service returns content in this locale when translated content for the preferred locale is unavailable.

The field is optional. If omitted or null, the service returns content in the default locale (`en-US`).

Supported locales:

- `en-US` – English (service default, also resolves from `en`)
- `fr` – French
- `es` – Spanish
- `ko` – Korean
- `ja` – Japanese

Fallback behavior:

- If translated content for the preferred locale is unavailable, the service returns content in the default locale.
- If the preferred locale is not supported and no fallback is provided, the service returns a `ValidationException`.

- If you provide an unsupported locale with the default locale as fallback (for example, `xx, en-US`), the service returns content in the default locale.

Response locale field (Get APIs): The `locale` field in Get API responses indicates the locale of the returned content. You can use this field to determine whether the response contains content in the requested locale or the default locale.

Examples:

- `fr` – Request French content. If unavailable, falls back to `en-US`.
- `fr, en-US` – Request French content with explicit fallback to English.
- `en-US` – Request content in the default locale.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[^;,]+(\s*,\s*[^;,]+){0,1}`

nextToken

If `nextToken` is returned, there are more results available. Make the call again using the returned token to retrieve the next page.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=]+`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

You don't have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerException

Unexpected error during processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource doesn't exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

reason

The reason that the input fails to satisfy the constraints specified by the service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

ListPurchaseOptions

Service: AWS Marketplace Discovery

Returns the purchase options (offers and offer sets) available to the buyer. You can filter results by product, seller, purchase option type, visibility scope, and availability status.

> **Note**
>
> You must include at least one of the following filters in the request: a `PRODUCT_ID` filter to specify the product for which to retrieve purchase options, or a `VISIBILITY_SCOPE` filter to retrieve purchase options by visibility.

Request Syntax

```
POST /2026-02-05/listPurchaseOptions HTTP/1.1
Content-type: application/json

{
   "filters": [
      {
         "filterType": "string",
         "filterValues": [ "string" ]
      }
   ],
   "locale": "string",
   "maxResults": number,
   "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters

Filters to narrow the results. Multiple filters are combined with AND logic. Multiple values within the same filter are combined with OR logic.

Type: Array of PurchaseOptionFilter objects

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Required: No

locale

A BCP 47 language tag or comma-separated priority list specifying the preferred locale for response content. See `Locale` for supported values, constraints, fallback behavior, and the default locale. If omitted, the service returns content in the default locale.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[^;,]+(\s*,\s*[^;,]+){0,1}`

Required: No

maxResults

The maximum number of results that are returned per call. You can use `nextToken` to get more results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

nextToken

If `nextToken` is returned, there are more results available. Make the call again using the returned token to retrieve the next page.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=]+`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "nextToken": "string",
   "purchaseOptions": [
      {
         "associatedEntities": [
            {
               "offer": {
                  "offerId": "string",
                  "offerName": "string",
                  "sellerOfRecord": {
                     "displayName": "string",
                     "sellerProfileId": "string"
                  }
               },
               "offerSet": {
                  "offerSetId": "string",
                  "sellerOfRecord": {
                     "displayName": "string",
                     "sellerProfileId": "string"
                  }
               },
               "product": {
                  "manufacturer": {
                     "displayName": "string",
                     "sellerProfileId": "string"
                  },
                  "productId": "string",
                  "productName": "string"
               }
            }
         ],
         "availableFromTime": number,
         "badges": [
            {
               "badgeType": "string",
               "displayName": "string"
```

```
            }
         ],
         "catalog": "string",
         "expirationTime": number,
         "purchaseOptionId": "string",
         "purchaseOptionName": "string",
         "purchaseOptionType": "string",
         "sellerOfRecord": {
            "displayName": "string",
            "sellerProfileId": "string"
         }
      }
   ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

nextToken

If `nextToken` is returned, there are more results available. Make the call again using the returned token to retrieve the next page.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=]+`

purchaseOptions

The purchase options available to the buyer. Each option is either an offer for a single product or an offer set spanning multiple products.

Type: Array of PurchaseOptionSummary objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

You don't have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerException

Unexpected error during processing of the request.

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

reason

The reason that the input fails to satisfy the constraints specified by the service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)

- AWS SDK for Ruby V3

SearchFacets

Service: AWS Marketplace Discovery

Returns available facet values for filtering listings, such as categories, pricing models, fulfillment option types, publishers, and customer ratings. Each facet value includes a count of matching listings.

Request Syntax

```
POST /2026-02-05/searchFacets HTTP/1.1
Content-type: application/json

{
   "facetTypes": [ "string" ],
   "filters": [
      {
         "filterType": "string",
         "filterValues": [ "string" ]
      }
   ],
   "locale": "string",
   "nextToken": "string",
   "searchText": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

facetTypes

A list of specific facet types to retrieve. If empty or null, all available facets are returned.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 30 items.

Valid Values: `AVERAGE_CUSTOMER_RATING | CATEGORY | PUBLISHER | FULFILLMENT_OPTION_TYPE | PRICING_MODEL | PRICING_UNIT | DEPLOYED_ON_AWS | NUMBER_OF_PRODUCTS`

Required: No

filters

Filters to apply before retrieving facets. Multiple filters are combined with AND logic. Multiple values within the same filter are combined with OR logic.

Type: Array of SearchFilter objects

Array Members: Minimum number of 1 item. Maximum number of 30 items.

Required: No

locale

A BCP 47 language tag or comma-separated priority list specifying the preferred locale for response content. See `Locale` for supported values, constraints, fallback behavior, and the default locale. If omitted, the service returns content in the default locale.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[^;,]+(\s*,\s*[^;,]+){0,1}`

Required: No

nextToken

If `nextToken` is returned, there are more results available. Make the call again using the returned token to retrieve the next page.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=]+`

Required: No

searchText

The search query text to filter listings before retrieving facets.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Pattern: `.*[^ ]*.*`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "listingFacets": {
      "string" : [
         {
            "count": number,
            "displayName": "string",
            "parent": "string",
            "value": "string"
         }
      ]
   },
   "nextToken": "string",
   "totalResults": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

listingFacets

A map of facet types to their corresponding facet values. Each facet value includes a display name, internal value, and count of matching listings.

Type: String to array of ListingFacet objects map

Valid Keys: `AVERAGE_CUSTOMER_RATING | CATEGORY | PUBLISHER | FULFILLMENT_OPTION_TYPE | PRICING_MODEL | PRICING_UNIT | DEPLOYED_ON_AWS | NUMBER_OF_PRODUCTS`

Array Members: Minimum number of 0 items. Maximum number of 100 items.

totalResults

The total number of listings matching the search criteria.

Type: Long

Valid Range: Minimum value of 0.

nextToken

If `nextToken` is returned, there are more results available. Make the call again using the returned token to retrieve the next page.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=]+`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

You don't have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerException

Unexpected error during processing of the request.

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

reason

The reason that the input fails to satisfy the constraints specified by the service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

SearchListings

Service: AWS Marketplace Discovery

Returns a list of product listings based on search criteria and filters. You can search by keyword, filter by category, pricing model, fulfillment type, and other attributes, and sort results by relevance or customer rating.

Request Syntax

```
POST /2026-02-05/searchListings HTTP/1.1
Content-type: application/json

{
   "filters": [
      {
         "filterType": "string",
         "filterValues": [ "string" ]
      }
   ],
   "locale": "string",
   "maxResults": number,
   "nextToken": "string",
   "searchText": "string",
   "sortBy": "string",
   "sortOrder": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters

Filters to narrow search results. Multiple filters are combined with AND logic. Multiple values within the same filter are combined with OR logic.

Type: Array of SearchFilter objects

Array Members: Minimum number of 1 item. Maximum number of 30 items.

Required: No

locale

A BCP 47 language tag or comma-separated priority list specifying the preferred locale for response content. See `Locale` for supported values, constraints, fallback behavior, and the default locale. If omitted, the service returns content in the default locale.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[^;,]+(\s*,\s*[^;,]+){0,1}`

Required: No

maxResults

The maximum number of results that are returned per call. You can use `nextToken` to get more results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

nextToken

If `nextToken` is returned, there are more results available. Make the call again using the returned token to retrieve the next page.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=]+`

Required: No

searchText

The search query text to find relevant listings.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Pattern: `.*[^ ]*.*`

Required: No

sortBy

The field to sort results by. Valid values are `RELEVANCE` and `AVERAGE_CUSTOMER_RATING`.

Type: String

Valid Values: `RELEVANCE | AVERAGE_CUSTOMER_RATING`

Required: No

sortOrder

The sort direction. Valid values are `DESCENDING` and `ASCENDING`.

Type: String

Valid Values: `DESCENDING | ASCENDING`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "listingSummaries": [
      {
         "associatedEntities": [
            {
               "product": {
                  "manufacturer": {
                     "displayName": "string",
                     "sellerProfileId": "string"
                  },
                  "productId": "string",
                  "productName": "string"
               }
            }
         ],
         "badges": [
```

```
            {
               "badgeType": "string",
               "displayName": "string"
            }
         ],
         "catalog": "string",
         "categories": [
            {
               "categoryId": "string",
               "displayName": "string"
            }
         ],
         "fulfillmentOptionSummaries": [
            {
               "displayName": "string",
               "fulfillmentOptionType": "string"
            }
         ],
         "listingId": "string",
         "listingName": "string",
         "logoThumbnailUrl": "string",
         "pricingModels": [
            {
               "displayName": "string",
               "pricingModelType": "string"
            }
         ],
         "pricingUnits": [
            {
               "displayName": "string",
               "pricingUnitType": "string"
            }
         ],
         "publisher": {
            "displayName": "string",
            "sellerProfileId": "string"
         },
         "reviewSummary": {
            "reviewSourceSummaries": [
               {
                  "averageRating": "string",
                  "sourceId": "string",
                  "sourceName": "string",
                  "sourceUrl": "string",
```

```
                "totalReviews": number
            }
        ]
    },
    "shortDescription": "string"
  }
 ],
 "nextToken": "string",
 "totalResults": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

listingSummaries

The listing summaries matching the search criteria. Each summary includes the listing name, description, badges, categories, pricing models, reviews, and associated products.

Type: Array of ListingSummary objects

totalResults

The total number of listings matching the search criteria.

Type: Long

Valid Range: Minimum value of 0.

nextToken

If `nextToken` is returned, there are more results available. Make the call again using the returned token to retrieve the next page.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Pattern: `[a-zA-Z0-9+/=]+`

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

You don't have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerException

Unexpected error during processing of the request.

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

reason

The reason that the input fails to satisfy the constraints specified by the service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3

- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

AWS Marketplace Reporting Service

The following actions are supported by AWS Marketplace Reporting Service:

- GetBuyerDashboard

GetBuyerDashboard

Service: AWS Marketplace Reporting Service

Generates an embedding URL for an Amazon QuickSight dashboard for an anonymous user.

> **Note**
>
> This API is available only to AWS Organization management accounts or delegated administrators registered for the procurement insights (`procurement-insights.marketplace.amazonaws.com`) feature.

The following rules apply to a generated URL:

- It contains a temporary bearer token, valid for 5 minutes after it is generated. Once redeemed within that period, it cannot be re-used again.
- It has a session lifetime of one hour. The 5-minute validity period runs separately from the session lifetime.

Request Syntax

```
POST /getBuyerDashboard HTTP/1.1
Content-type: application/json

{
   "dashboardIdentifier": "string",
   "embeddingDomains": [ "string" ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

dashboardIdentifier

The ARN of the requested dashboard.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1023.

Pattern: `arn:aws:aws-marketplace::[0-9]{12}:AWSMarketplace/ReportingData/(Agreement_V1/Dashboard/AgreementSummary_V1|BillingEvent_V1/Dashboard/CostAnalysis_V1)`

Required: Yes

embeddingDomains

Fully qualified domains that you add to the allow list for access to the generated URL that is then embedded. You can list up to two domains or subdomains in each API call. To include all subdomains under a specific domain, use *. For example, `https://*.amazon.com` includes all subdomains under `https://aws.amazon.com`.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 2 items.

Length Constraints: Minimum length of 1. Maximum length of 2000.

Pattern: `(https://[a-zA-Z\.\*0-9\-_]+[\.]{1}[a-zA-Z]{1,}[a-zA-Z0-9&?/-_=]*[a-zA-Z\*0-9/]+|http[s]*://localhost(:[0-9]{1,5})?)`

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "dashboardIdentifier": "string",
   "embeddingDomains": [ "string" ],
   "embedUrl": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

dashboardIdentifier

The ARN of the returned dashboard.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1023.

Pattern: `arn:aws:aws-marketplace::[0-9]{12}:AWSMarketplace/ReportingData/(Agreement_V1/Dashboard/AgreementSummary_V1|BillingEvent_V1/Dashboard/CostAnalysis_V1)`

embeddingDomains

The fully qualified domains specified in the request. The domains enable access to the generated URL that is then embedded. You can list up to two domains or subdomains in each API call. To include all subdomains under a specific domain, use `*`. For example, `https://*.amazon.com` includes all subdomains under `https://aws.amazon.com`.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 2 items.

Length Constraints: Minimum length of 1. Maximum length of 2000.

Pattern: `(https://[a-zA-Z\.\*0-9\-_]+[\.]{1}[a-zA-Z]{1,}[a-zA-Z0-9&?/-_=]*[a-zA-Z\*0-9/]+|http[s]*://localhost(:[0-9]{1,5})?)`

embedUrl

The dashboard's embedding URL.

Type: String

Errors

For information about the errors that are common to all actions, see Common Error Types.

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

BadRequestException

The request is malformed, or it contains an error such as an invalid parameter. Ensure the request has all required parameters.

HTTP Status Code: 400

InternalServerException

The operation failed due to a server error.

HTTP Status Code: 500

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

AWS Marketplace Metering Service

The following actions are supported by AWS Marketplace Metering Service:

- BatchMeterUsage
- MeterUsage
- RegisterUsage
- ResolveCustomer

BatchMeterUsage

Service: AWS Marketplace Metering Service

> **Important**
>
> AWS Marketplace is introducing Concurrent Agreements, enabling buyers to make multiple purchases per AWS account. Starting June 1, 2026, new SaaS products must use `CustomerAWSAccountId` (instead of `CustomerIdentifier`), `LicenseArn` (instead of `ProductCode`) to support this feature. `BatchMeterUsage` does not support `CustomerIdentifier` for new integrations. Existing integrations continue to work. Review the new integration for Concurrent Agreements here. For additional implementation details, see BatchMeterUsage code example with LicenseArn in the *AWS Marketplace Seller Guide*.

To post metering records for customers, SaaS applications call `BatchMeterUsage`, which is used for metering SaaS flexible consumption pricing (FCP). Identical requests are idempotent and can be retried with the same records or a subset of records. Each `BatchMeterUsage` request is for only one product. If you want to meter usage for multiple products, you must make multiple `BatchMeterUsage` calls.

Usage records should be submitted in quick succession following a recorded event. Usage records aren't accepted 24 hours or more after an event. At the end of each billing cycle, a 6-hour grace period applies. We accept usage records for the previous billing month until 06:00 UTC on the first day of the next month. For example, you must submit March usage records before 06:00 UTC on April 1. On April 1 at 05:00 UTC, you can still submit records for March 31 (within the 6-hour grace period). After 06:00 UTC on April 1, March records are rejected regardless of the normal 24-hour submission window. After this grace period, we return a `TimestampOutOfBoundsException` error.

`BatchMeterUsage` can process up to 25 `UsageRecords` at a time, and each request must be less than 1 MB in size.

Vendor-metered tagging

`BatchMeterUsage` supports vendor-metered tagging. Optionally, you can split the usage in a `UsageRecord` into buckets by including `UsageAllocations`, where each `UsageAllocation` has a set of `Tags` that you define. Vendor-metered tagging doesn't change the price, dimensions, or

the total usage that you report. It gives buyers a more granular view of their usage of your product so they can perform cost allocation in the AWS Billing and Cost Management console. For more information, see Vendor-metered tagging and BatchMeterUsage with usage allocation tagging code example in the *AWS Marketplace Seller Guide*.

`BatchMeterUsage` returns a list of `UsageRecordResult` objects, which have each `UsageRecord`. It also returns a list of `UnprocessedRecords`, which indicate errors on the service side that should be retried.

For AWS Regions that support `BatchMeterUsage`, see BatchMeterUsage Region support.

> **Note**
>
> For an example of `BatchMeterUsage`, see BatchMeterUsage code example in the *AWS Marketplace Seller Guide*.

Request Syntax

```
{
   "ProductCode": "string",
   "UsageRecords": [
      {
         "CustomerAWSAccountId": "string",
         "CustomerIdentifier": "string",
         "Dimension": "string",
         "LicenseArn": "string",
         "Quantity": number,
         "Timestamp": number,
         "UsageAllocations": [
            {
               "AllocatedUsageQuantity": number,
               "Tags": [
                  {
                     "Key": "string",
                     "Value": "string"
                  }
               ]
            }
         ]
      }
```

```
    ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

UsageRecords

The set of `UsageRecords` to submit. `BatchMeterUsage` accepts up to 25 `UsageRecords` at a time.

Type: Array of UsageRecord objects

Array Members: Minimum number of 0 items. Maximum number of 25 items.

Required: Yes

ProductCode

Product code is used to uniquely identify a product in AWS Marketplace. The product code should be the same as the one used during the publishing of a new product.

> **Important**
>
> `ProductCode` is required only for legacy integrations that use `CustomerIdentifier`. For new integrations using `LicenseArn` (Concurrent Agreements), do NOT include `ProductCode` at the request level. The `LicenseArn` in each `UsageRecord` identifies both the product and the specific agreement.
> Sending metering records with both `ProductCode` and `LicenseArn` for the same customer within the same hour will result in duplicate billing. If you are migrating from product-based metering to license-based metering, stop sending `ProductCode` before you start sending `LicenseArn`.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: `^[-a-zA-Z0-9/=:_.@]*$`

Required: No

Response Syntax

```
{
   "Results": [
      {
         "MeteringRecordId": "string",
         "Status": "string",
         "UsageRecord": {
            "CustomerAWSAccountId": "string",
            "CustomerIdentifier": "string",
            "Dimension": "string",
            "LicenseArn": "string",
            "Quantity": number,
            "Timestamp": number,
            "UsageAllocations": [
               {
                  "AllocatedUsageQuantity": number,
                  "Tags": [
                     {
                        "Key": "string",
                        "Value": "string"
                     }
                  ]
               }
            ]
         }
      }
   ],
   "UnprocessedRecords": [
      {
         "CustomerAWSAccountId": "string",
         "CustomerIdentifier": "string",
         "Dimension": "string",
         "LicenseArn": "string",
         "Quantity": number,
```

```
         "Timestamp": number,
         "UsageAllocations": [
            {
               "AllocatedUsageQuantity": number,
               "Tags": [
                  {
                     "Key": "string",
                     "Value": "string"
                  }
               ]
            }
         ]
      }
   ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

Results

Contains all `UsageRecords` processed by `BatchMeterUsage`. These records were either honored by AWS Marketplace Metering Service or were invalid. Invalid records should be fixed before being resubmitted.

Type: Array of UsageRecordResult objects

UnprocessedRecords

Contains all `UsageRecords` that were not processed by `BatchMeterUsage`. This is a list of `UsageRecords`. You can retry the failed request by making another `BatchMeterUsage` call with this list as input in the `BatchMeterUsageRequest`.

Type: Array of UsageRecord objects

Array Members: Minimum number of 0 items. Maximum number of 25 items.

Errors

For information about the errors that are common to all actions, see Common Error Types.

DisabledApiException

The API is disabled in the Region.

HTTP Status Code: 400

InternalServiceErrorException

An internal error has occurred. Retry your request. If the problem persists, post a message with details on the AWS forums.

HTTP Status Code: 500

InvalidCustomerIdentifierException

You have metered usage for a `CustomerIdentifier` that does not exist.

HTTP Status Code: 400

InvalidLicenseException

Ensure the `LicenseArn` is valid, matches the customer, and usage is within the license activation period.

HTTP Status Code: 400

InvalidProductCodeException

The product code passed does not match the product code used for publishing the product.

HTTP Status Code: 400

InvalidTagException

The tag is invalid, or the number of tags is greater than 5.

HTTP Status Code: 400

InvalidUsageAllocationsException

Sum of allocated usage quantities is not equal to the usage quantity.

HTTP Status Code: 400

InvalidUsageDimensionException

The usage dimension does not match one of the `UsageDimensions` associated with products.

HTTP Status Code: 400

ThrottlingException

The calls to the API are throttled.

HTTP Status Code: 400

TimestampOutOfBoundsException

The `timestamp` value passed in the `UsageRecord` is out of allowed range.

For `BatchMeterUsage`, if any of the records are outside of the allowed range, the entire batch is not processed. You must remove invalid records and try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

MeterUsage

Service: AWS Marketplace Metering Service

As a seller, your software hosted in the buyer's AWS account uses this API action to emit metering records directly to AWS Marketplace. You must use the following buyer AWS account credentials to sign the API request.

- For **Amazon EC2** deployments, your software must use the IAM role for Amazon EC2 to sign the API call for `MeterUsage` API operation.
- For **Amazon EKS** deployments, your software must use IAM roles for service accounts (IRSA) to sign the API call for the `MeterUsage` API operation. Using EKS Pod Identity, the node role, or long-term access keys is not supported.
- For **Amazon ECS** deployments, your software must use Amazon ECS task IAM role to sign the API call for the `MeterUsage` API operation. Using the node role or long-term access keys are not supported.
- For **Amazon Bedrock AgentCore Runtime** deployments, your software must use the AgentCore Runtime execution role to sign the API call for the `MeterUsage` API operation. Long-term access keys are not supported.

The handling of `MeterUsage` requests varies between Amazon Bedrock AgentCore Runtime and non-Amazon Bedrock AgentCore deployments.

- For **non-Amazon Bedrock AgentCore Runtime** deployments, you can only report usage once per hour for each dimension. For AMI-based products, this is per dimension and per EC2 instance. For container products, this is per dimension and per ECS task or EKS pod. You can't modify values after they're recorded. If you report usage before a current hour ends, you will be unable to report additional usage until the next hour begins. The `Timestamp` request parameter is rounded down to the hour and used to enforce this once-per-hour rule for idempotency. For requests that are identical after the `Timestamp` is rounded down, the API is idempotent and returns the metering record ID.
- For **Amazon Bedrock AgentCore Runtime** deployments, you can report usage multiple times per hour for the same dimension. You do not need to aggregate metering records by the hour. You must include an idempotency token in the `ClientToken` request parameter. If using an Amazon SDK or the AWS CLI, you must use the latest version which automatically includes an idempotency token in the `ClientToken` request parameter so that the request is processed successfully. The `Timestamp` request parameter is not rounded down to the hour and is not used

for duplicate validation. Requests with duplicate `Timestamps` are aggregated as long as the `ClientToken` is unique.

If you submit records more than six hours after events occur, the records won't be accepted. The timestamp in your request determines when an event is recorded.

You can optionally include multiple usage allocations, to provide customers with usage data split into buckets by tags that you define or allow the customer to define.

For AWS Regions that support `MeterUsage`, see MeterUsage Region support for Amazon EC2 and MeterUsage Region support for Amazon ECS and Amazon EKS.

Request Syntax

```
{
   "ClientToken": "string",
   "DryRun": boolean,
   "ProductCode": "string",
   "Timestamp": number,
   "UsageAllocations": [
      {
         "AllocatedUsageQuantity": number,
         "Tags": [
            {
               "Key": "string",
               "Value": "string"
            }
         ]
      }
   ],
   "UsageDimension": "string",
   "UsageQuantity": number
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

ProductCode

Product code is used to uniquely identify a product in AWS Marketplace. The product code should be the same as the one used during the publishing of a new product.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: `^[-a-zA-Z0-9/=:_.@]*$`

Required: Yes

Timestamp

Timestamp, in UTC, for which the usage is being reported. Your application can meter usage for up to six hours in the past. Make sure the `timestamp` value is not before the start of the software usage.

Type: Timestamp

Required: Yes

UsageDimension

It will be one of the fcp dimension name provided during the publishing of the product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\s\S]+`

Required: Yes

ClientToken

Specifies a unique, case-sensitive identifier that you provide to ensure the idempotency of the request. This lets you safely retry the request without accidentally performing the same

operation a second time. Passing the same value to a later call to an operation requires that you also pass the same value for all other parameters. We recommend that you use a UUID type of value.

If you don't provide this value, then AWS generates a random one for you.

If you retry the operation with the same `ClientToken`, but with different parameters, the retry fails with an `IdempotencyConflictException` error.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

DryRun

Checks whether you have the permissions required for the action, but does not make the request. If you have the permissions, the request returns `DryRunOperation`; otherwise, it returns `UnauthorizedException`. Defaults to `false` if not specified.

Type: Boolean

Required: No

UsageAllocations

The set of `UsageAllocations` to submit.

The sum of all `UsageAllocation` quantities must equal the `UsageQuantity` of the `MeterUsage` request, and each `UsageAllocation` must have a unique set of tags (include no tags).

Type: Array of UsageAllocation objects

Array Members: Minimum number of 1 item. Maximum number of 2500 items.

Required: No

UsageQuantity

Consumption value for the hour. Defaults to `0` if not specified.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 2147483647.

Required: No

Response Syntax

```
{
   "MeteringRecordId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

MeteringRecordId

Metering record id.

Type: String

Errors

For information about the errors that are common to all actions, see Common Error Types.

CustomerNotEntitledException

Exception thrown when the customer does not have a valid subscription for the product.

HTTP Status Code: 400

DuplicateRequestException

A metering record has already been emitted by the same EC2 instance, ECS task, or EKS pod for the given {`usageDimension`, `timestamp`} with a different `usageQuantity`.

HTTP Status Code: 400

IdempotencyConflictException

The `ClientToken` is being used for multiple requests.

HTTP Status Code: 400

InternalServiceErrorException

An internal error has occurred. Retry your request. If the problem persists, post a message with details on the AWS forums.

HTTP Status Code: 500

InvalidEndpointRegionException

The endpoint being called is in a AWS Region different from your EC2 instance, ECS task, or EKS pod. The Region of the Metering Service endpoint and the AWS Region of the resource must match.

HTTP Status Code: 400

InvalidProductCodeException

The product code passed does not match the product code used for publishing the product.

HTTP Status Code: 400

InvalidTagException

The tag is invalid, or the number of tags is greater than 5.

HTTP Status Code: 400

InvalidUsageAllocationsException

Sum of allocated usage quantities is not equal to the usage quantity.

HTTP Status Code: 400

InvalidUsageDimensionException

The usage dimension does not match one of the `UsageDimensions` associated with products.

HTTP Status Code: 400

ThrottlingException

The calls to the API are throttled.

HTTP Status Code: 400

TimestampOutOfBoundsException

The `timestamp` value passed in the `UsageRecord` is out of allowed range.

For `BatchMeterUsage`, if any of the records are outside of the allowed range, the entire batch is not processed. You must remove invalid records and try again.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

RegisterUsage

Service: AWS Marketplace Metering Service

Paid container software products sold through AWS Marketplace must integrate with the AWS Marketplace Metering Service and call the `RegisterUsage` operation for software entitlement and metering. Free and BYOL products for Amazon ECS or Amazon EKS aren't required to call `RegisterUsage`, but you may choose to do so if you would like to receive usage data in your seller reports. The sections below explain the behavior of `RegisterUsage`. `RegisterUsage` performs two primary functions: metering and entitlement.

- *Entitlement*: `RegisterUsage` allows you to verify that the customer running your paid software is subscribed to your product on AWS Marketplace, enabling you to guard against unauthorized use. Your container image that integrates with `RegisterUsage` is only required to guard against unauthorized use at container startup, as such a `CustomerNotSubscribedException` or `PlatformNotSupportedException` will only be thrown on the initial call to `RegisterUsage`. Subsequent calls from the same Amazon ECS task instance (e.g. task-id) or Amazon EKS pod will not throw a `CustomerNotSubscribedException`, even if the customer unsubscribes while the Amazon ECS task or Amazon EKS pod is still running.
- *Metering*: `RegisterUsage` meters software use per ECS task, per hour, or per pod for Amazon EKS with usage prorated to the second. A minimum of 1 minute of usage applies to tasks that are short lived. For example, if a customer has a 10 node Amazon ECS or Amazon EKS cluster and a service configured as a Daemon Set, then Amazon ECS or Amazon EKS will launch a task on all 10 cluster nodes and the customer will be charged for 10 tasks. Software metering is handled by the AWS Marketplace metering control plane—your software is not required to perform metering-specific actions other than to call `RegisterUsage` to commence metering. The AWS Marketplace metering control plane will also bill customers for running ECS tasks and Amazon EKS pods, regardless of the customer's subscription state, which removes the need for your software to run entitlement checks at runtime. For containers, `RegisterUsage` should be called immediately at launch. If you don’t register the container within the first 6 hours of the launch, AWS Marketplace Metering Service doesn’t provide any metering guarantees for previous months. Metering will continue, however, for the current month forward until the container ends. `RegisterUsage` is for metering paid hourly container products.

  For AWS Regions that support `RegisterUsage`, see RegisterUsage Region support.

Request Syntax

```
{
   "Nonce": "string",
   "ProductCode": "string",
   "PublicKeyVersion": number
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

ProductCode

Product code is used to uniquely identify a product in AWS Marketplace. The product code should be the same as the one used during the publishing of a new product.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: `^[-a-zA-Z0-9/=:_.@]*$`

Required: Yes

PublicKeyVersion

Public Key Version provided by AWS Marketplace

Type: Integer

Valid Range: Minimum value of 1.

Required: Yes

Nonce

(Optional) To scope down the registration to a specific running software instance and guard against replay attacks.

Type: String

Length Constraints: Maximum length of 255.

Pattern: `[\s\S]*`

Required: No

Response Syntax

```
{
   "PublicKeyRotationTimestamp": number,
   "Signature": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

PublicKeyRotationTimestamp

(Optional) Only included when public key version has expired

Type: Timestamp

Signature

JWT Token

Type: String

Pattern: `[\s\S]+`

Errors

For information about the errors that are common to all actions, see Common Error Types.

CustomerNotEntitledException

Exception thrown when the customer does not have a valid subscription for the product.

HTTP Status Code: 400

DisabledApiException

The API is disabled in the Region.

HTTP Status Code: 400

InternalServiceErrorException

An internal error has occurred. Retry your request. If the problem persists, post a message with details on the AWS forums.

HTTP Status Code: 500

InvalidProductCodeException

The product code passed does not match the product code used for publishing the product.

HTTP Status Code: 400

InvalidPublicKeyVersionException

Public Key version is invalid.

HTTP Status Code: 400

InvalidRegionException

`RegisterUsage` must be called in the same AWS Region the ECS task was launched in. This prevents a container from hardcoding a Region (e.g. withRegion("us-east-1") when calling `RegisterUsage`.

HTTP Status Code: 400

PlatformNotSupportedException

AWS Marketplace does not support metering usage from the underlying platform. Currently, Amazon ECS, Amazon EKS, and AWS Fargate are supported.

HTTP Status Code: 400

ThrottlingException

The calls to the API are throttled.

HTTP Status Code: 400

Examples

Example

Below are the sample request and response for `RegisterUsage`

Sample Request

```
{
    "ProductCode" : "cqcvf9f0ugw8rkbgmf1c9dxyz",
    "PublicKeyVersion": 1,
    "Nonce": "2ead20e4-3e6d-42cd-8f56-24f02d1cc4e1"
}
```

Sample Response

```
{
   "PublicKeyRotationTimestamp": null,
   "Signature": "eyJhbGciOiJQUzI1Ni..."
}

// Where the signature is composed of 3 dot-separated,
// base-64 URL Encoded sections.
// e.g. eyJhbGcVCJ9.eyJzdWIMzkwMjJ9.rrO9Qw0SXRWTe

// Section 1: Header/Algorithm

{
  "alg": "PS256",
  "typ": "JWT"
}
```

```
// Section 2: Payload

{
   "ProductCode" : "cqcvf9f0ugw8rkbgmf1c9dxyz",
   "PublicKeyVersion": 1,
   "Nonce": "2ead20e4-3e6d-42cd-8f56-24f02d1cc4e1",
   "PublicKeyRotationTimestamp": null
}

// Section 3: RSA-PSS SHA256 signature

"rrO9Q4FEi3gweH3X4lrt2okf5zwIatUUwERlw016wTy_21Nv8S..."
```

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

ResolveCustomer

Service: AWS Marketplace Metering Service

`ResolveCustomer` is called by a SaaS application during the registration process. When a buyer visits your website during the registration process, the buyer submits a registration token through their browser. The registration token is resolved through this API to obtain a `CustomerIdentifier` along with the `CustomerAWSAccountId`, `ProductCode`, and `LicenseArn`.

Important

For new SaaS product integrations, the `CustomerIdentifier` field is not populated in the `ResolveCustomer` API response. New integrations must use `CustomerAWSAccountId` and `LicenseArn` to identify customers. Existing integrations continue to work unchanged.

Note

To successfully resolve the token, the API must be called from the account that was used to publish the SaaS application. For an example of using `ResolveCustomer`, see ResolveCustomer code example in the *AWS Marketplace Seller Guide*.

Permission is required for this operation. Your IAM role or user performing this operation requires a policy to allow the `aws-marketplace:ResolveCustomer` action. For more information, see Actions, resources, and condition keys for AWS Marketplace Metering Service in the *Service Authorization Reference*.

For AWS Regions that support `ResolveCustomer`, see ResolveCustomer Region support.

Request Syntax

```
{
   "RegistrationToken": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

> **Note**
>
> In the following list, the required parameters are described first.

RegistrationToken

When a buyer visits your website during the registration process, the buyer submits a registration token through the browser. The registration token is resolved to obtain a `CustomerIdentifier` along with the `CustomerAWSAccountId`, `ProductCode`, and `LicenseArn`.

> **Note**
>
> For new SaaS product integrations, the `CustomerIdentifier` field is not populated. Use `CustomerAWSAccountId` and `LicenseArn` for customer identification.

Type: String

Pattern: `[\s\S]+`

Required: Yes

Response Syntax

```
{
   "CustomerAWSAccountId": "string",
   "CustomerIdentifier": "string",
   "LicenseArn": "string",
   "Metadata": {
      "AgreementId": "string"
   },
```

```
    "ProductCode": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

CustomerAWSAccountId

The `CustomerAWSAccountId` provides the AWS account ID associated with the `CustomerIdentifier` for the individual customer. Calls to `BatchMeterUsage` require `CustomerAWSAccountId` for each `UsageRecord`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[0-9]+$`

CustomerIdentifier

The `CustomerIdentifier` is used to identify an individual customer in your application.

> **Important**
>
> For new SaaS product integrations, this field is not populated. Use `CustomerAWSAccountId` and `LicenseArn` to identify customers instead.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: `[\s\S]*`

LicenseArn

The `LicenseArn` is a unique identifier for a specific granted license. These are typically used for software purchased through AWS Marketplace. Calls to `BatchMeterUsage` require `LicenseArn` for each `UsageRecord`.

> **Note**
>
> Once you receive the `CustomerAWSAccountId` and `LicenseArn` in the response, store that for future purposes/API calls/integrations.

Type: String

Pattern: `^arn:aws[a-zA-Z-]*:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=,@.-]{0,1023}$`

Metadata

The metadata associated with the resolved customer, including the `AgreementId` of the AWS Marketplace agreement the customer accepted.

Type: Metadata object

ProductCode

The product code is returned to confirm that the buyer is registering for your product. Subsequent `BatchMeterUsage` calls should be made using this product code.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: `^[-a-zA-Z0-9/=:_.@]*$`

Errors

For information about the errors that are common to all actions, see Common Error Types.

DisabledApiException

The API is disabled in the Region.

HTTP Status Code: 400

ExpiredTokenException

The submitted registration token has expired. This can happen if the buyer's browser takes too long to redirect to your page, the buyer has resubmitted the registration token, or your

application has held on to the registration token for too long. Your SaaS registration website should redeem this token as soon as it is submitted by the buyer's browser.

HTTP Status Code: 400

InternalServiceErrorException

An internal error has occurred. Retry your request. If the problem persists, post a message with details on the AWS forums.

HTTP Status Code: 500

InvalidTokenException

Registration token is invalid.

HTTP Status Code: 400

ThrottlingException

The calls to the API are throttled.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

Data Types

The following data types are supported by AWS Marketplace Catalog Service:

- AmiProductEntityIdFilter
- AmiProductFilters
- AmiProductLastModifiedDateFilter
- AmiProductLastModifiedDateFilterDateRange
- AmiProductSort
- AmiProductSummary
- AmiProductTitleFilter
- AmiProductVisibilityFilter
- AMISecurityFilters
- AMISecuritySummary
- AssessmentSummary
- AssessmentTargetFilter
- AssessmentTargetSummary
- BatchDescribeErrorDetail
- Change
- ChangeSetSummaryListItem
- ChangeSummary
- ContainerProductEntityIdFilter
- ContainerProductFilters
- ContainerProductLastModifiedDateFilter
- ContainerProductLastModifiedDateFilterDateRange
- ContainerProductSort
- ContainerProductSummary
- ContainerProductTitleFilter
- ContainerProductVisibilityFilter
- ContainerSecurityFilters
- ContainerSecuritySummary

- ControlAssessment
- ControlError
- DataProductEntityIdFilter
- DataProductFilters
- DataProductLastModifiedDateFilter
- DataProductLastModifiedDateFilterDateRange
- DataProductSort
- DataProductSummary
- DataProductTitleFilter
- DataProductVisibilityFilter
- Entity
- EntityDetail
- EntityRequest
- EntitySummary
- EntityTypeFilters
- EntityTypeSort
- ErrorDetail
- ErrorScope
- Filter
- FrameworkFilters
- FrameworkSummary
- MachineLearningProductEntityIdFilter
- MachineLearningProductFilters
- MachineLearningProductLastModifiedDateFilter
- MachineLearningProductLastModifiedDateFilterDateRange
- MachineLearningProductSort
- MachineLearningProductSummary
- MachineLearningProductTitleFilter
- MachineLearningProductVisibilityFilter
- OfferAvailabilityEndDateFilter

- OfferAvailabilityEndDateFilterDateRange
- OfferBuyerAccountsFilter
- OfferCreatedBySourceFilter
- OfferEntityIdFilter
- OfferFilters
- OfferLastModifiedDateFilter
- OfferLastModifiedDateFilterDateRange
- OfferNameFilter
- OfferProductIdFilter
- OfferReleaseDateFilter
- OfferReleaseDateFilterDateRange
- OfferResaleAuthorizationIdFilter
- OfferSetAssociatedOfferIdsFilter
- OfferSetEntityIdFilter
- OfferSetFilters
- OfferSetIdFilter
- OfferSetLastModifiedDateFilter
- OfferSetLastModifiedDateFilterDateRange
- OfferSetNameFilter
- OfferSetReleaseDateFilter
- OfferSetReleaseDateFilterDateRange
- OfferSetSolutionIdFilter
- OfferSetSort
- OfferSetStateFilter
- OfferSetSummary
- OfferSort
- OfferStateFilter
- OfferSummary
- OfferTargetAgreementIdFilter
- OfferTargetAgreementIntentFilter

- OfferTargetingFilter
- ResaleAuthorizationAvailabilityEndDateFilter
- ResaleAuthorizationAvailabilityEndDateFilterDateRange
- ResaleAuthorizationCreatedDateFilter
- ResaleAuthorizationCreatedDateFilterDateRange
- ResaleAuthorizationEntityIdFilter
- ResaleAuthorizationFilters
- ResaleAuthorizationLastModifiedDateFilter
- ResaleAuthorizationLastModifiedDateFilterDateRange
- ResaleAuthorizationManufacturerAccountIdFilter
- ResaleAuthorizationManufacturerLegalNameFilter
- ResaleAuthorizationNameFilter
- ResaleAuthorizationOfferExtendedStatusFilter
- ResaleAuthorizationProductIdFilter
- ResaleAuthorizationProductNameFilter
- ResaleAuthorizationResellerAccountIDFilter
- ResaleAuthorizationResellerLegalNameFilter
- ResaleAuthorizationResellerRoleFilter
- ResaleAuthorizationSort
- ResaleAuthorizationStatusFilter
- ResaleAuthorizationSummary
- SaaSProductEntityIdFilter
- SaaSProductFilters
- SaaSProductLastModifiedDateFilter
- SaaSProductLastModifiedDateFilterDateRange
- SaaSProductSort
- SaaSProductSummary
- SaaSProductTitleFilter
- SaaSProductVisibilityFilter
- Sort

- Tag
- ValidationExceptionField

The following data types are supported by AWS Marketplace Entitlement Service:

- Entitlement
- EntitlementValue

The following data types are supported by AWS Marketplace Agreement Service:

- AcceptedTerm
- Acceptor
- AgreementCancellationRequestSummary
- AgreementEntitlement
- AgreementInvoiceLineItemGroupSummary
- AgreementViewSummary
- BatchCreateBillingAdjustmentError
- BatchCreateBillingAdjustmentItem
- BatchCreateBillingAdjustmentRequestEntry
- BillingAdjustmentSummary
- ByolPricingTerm
- Charge
- ChargeSummary
- ConfigurableUpfrontPricingTerm
- ConfigurableUpfrontPricingTermConfiguration
- ConfigurableUpfrontRateCardItem
- Constraints
- Dimension
- DocumentItem
- EndTimeBehavior
- Entitlement
- EstimatedCharges

- EstimatedTaxes
- ExpectedCharge
- Filter
- FixedPercentage
- FixedUpfrontPricingTerm
- FreeTrialPricingTerm
- GrantItem
- InvoiceBillingPeriod
- InvoicingEntity
- ItemizedCharge
- LegalTerm
- NetPaymentTerm
- PaymentRequestSummary
- PaymentScheduleEntry
- PaymentScheduleTerm
- PaymentScheduleTermTemplate
- PercentageRange
- PriceIncrease
- PricingCurrencyAmount
- ProposalSummary
- Proposer
- PurchaseOrder
- RateCardItem
- RecurringPaymentTerm
- RenewalSummary
- RenewalTerm
- RenewalTermConfiguration
- RequestedTerm
- RequestedTermConfiguration
- Resource

- ScheduleItem
- Selector
- Sort
- SupportTerm
- TaxBreakdownItem
- TaxConfiguration
- TermTemplate
- UsageBasedPricingTerm
- UsageBasedRateCardItem
- ValidationExceptionField
- ValidityTerm
- VariablePaymentTerm
- VariablePaymentTermConfiguration

The following data types are supported by AWS Marketplace Deployment Service:

- DeploymentParameterInput

The following data types are supported by AWS Marketplace Discovery:

- AmazonMachineImageEbsVolume
- AmazonMachineImageFulfillmentOption
- AmazonMachineImageOperatingSystem
- AmazonMachineImageRecommendation
- AmazonMachineImageSecurityGroup
- ApiFulfillmentOption
- AwsSupportedService
- ByolPricingTerm
- Category
- CloudFormationFulfillmentOption
- ConfigurableUpfrontPricingTerm
- ConfigurableUpfrontRateCardItem

- Constraints
- ContainerFulfillmentOption
- ContainerOperatingSystem
- DataArtifact
- DataExchangeFulfillmentOption
- DimensionLabel
- DocumentItem
- Ec2ImageBuilderComponentFulfillmentOption
- EksAddOnFulfillmentOption
- EksAddOnOperatingSystem
- FixedPercentage
- FixedUpfrontPricingTerm
- FreeTrialPricingTerm
- FulfillmentOption
- FulfillmentOptionSummary
- GrantItem
- HelmFulfillmentOption
- HelmOperatingSystem
- LegalTerm
- ListingAssociatedEntity
- ListingBadge
- ListingFacet
- ListingSummary
- ListingSummaryAssociatedEntity
- NetPaymentTerm
- OfferAssociatedEntity
- OfferInformation
- OfferSetAssociatedEntity
- OfferSetInformation
- OfferTerm

- PaymentScheduleEntry
- PaymentScheduleTerm
- PaymentScheduleTermTemplate
- PercentageRange
- PriceIncrease
- PricingModel
- PricingUnit
- ProductInformation
- ProfessionalServicesFulfillmentOption
- PromotionalEmbeddedImage
- PromotionalEmbeddedVideo
- PromotionalMedia
- PurchaseOptionAssociatedEntity
- PurchaseOptionBadge
- PurchaseOptionFilter
- PurchaseOptionSummary
- RateCardItem
- RecurringPaymentTerm
- RenewalTerm
- Resource
- ReviewSourceSummary
- ReviewSummary
- SaasFulfillmentOption
- SageMakerAlgorithmFulfillmentOption
- SageMakerAlgorithmRecommendation
- SageMakerModelFulfillmentOption
- SageMakerModelRecommendation
- ScheduleItem
- SearchFilter
- Selector

- SellerEngagement
- SellerInformation
- SupportTerm
- TermTemplate
- UsageBasedPricingTerm
- UsageBasedRateCardItem
- UseCase
- UseCaseEntry
- ValidityTerm
- VariablePaymentTerm

The following data types are supported by AWS Marketplace Reporting Service:

The following data types are supported by AWS Marketplace Metering Service:

- Metadata
- Tag
- UsageAllocation
- UsageRecord
- UsageRecordResult

AWS Marketplace Catalog Service

The following data types are supported by AWS Marketplace Catalog Service:

- AmiProductEntityIdFilter
- AmiProductFilters
- AmiProductLastModifiedDateFilter
- AmiProductLastModifiedDateFilterDateRange
- AmiProductSort
- AmiProductSummary
- AmiProductTitleFilter
- AmiProductVisibilityFilter

- AMISecurityFilters
- AMISecuritySummary
- AssessmentSummary
- AssessmentTargetFilter
- AssessmentTargetSummary
- BatchDescribeErrorDetail
- Change
- ChangeSetSummaryListItem
- ChangeSummary
- ContainerProductEntityIdFilter
- ContainerProductFilters
- ContainerProductLastModifiedDateFilter
- ContainerProductLastModifiedDateFilterDateRange
- ContainerProductSort
- ContainerProductSummary
- ContainerProductTitleFilter
- ContainerProductVisibilityFilter
- ContainerSecurityFilters
- ContainerSecuritySummary
- ControlAssessment
- ControlError
- DataProductEntityIdFilter
- DataProductFilters
- DataProductLastModifiedDateFilter
- DataProductLastModifiedDateFilterDateRange
- DataProductSort
- DataProductSummary
- DataProductTitleFilter
- DataProductVisibilityFilter
- Entity

- EntityDetail
- EntityRequest
- EntitySummary
- EntityTypeFilters
- EntityTypeSort
- ErrorDetail
- ErrorScope
- Filter
- FrameworkFilters
- FrameworkSummary
- MachineLearningProductEntityIdFilter
- MachineLearningProductFilters
- MachineLearningProductLastModifiedDateFilter
- MachineLearningProductLastModifiedDateFilterDateRange
- MachineLearningProductSort
- MachineLearningProductSummary
- MachineLearningProductTitleFilter
- MachineLearningProductVisibilityFilter
- OfferAvailabilityEndDateFilter
- OfferAvailabilityEndDateFilterDateRange
- OfferBuyerAccountsFilter
- OfferCreatedBySourceFilter
- OfferEntityIdFilter
- OfferFilters
- OfferLastModifiedDateFilter
- OfferLastModifiedDateFilterDateRange
- OfferNameFilter
- OfferProductIdFilter
- OfferReleaseDateFilter
- OfferReleaseDateFilterDateRange

- OfferResaleAuthorizationIdFilter
- OfferSetAssociatedOfferIdsFilter
- OfferSetEntityIdFilter
- OfferSetFilters
- OfferSetIdFilter
- OfferSetLastModifiedDateFilter
- OfferSetLastModifiedDateFilterDateRange
- OfferSetNameFilter
- OfferSetReleaseDateFilter
- OfferSetReleaseDateFilterDateRange
- OfferSetSolutionIdFilter
- OfferSetSort
- OfferSetStateFilter
- OfferSetSummary
- OfferSort
- OfferStateFilter
- OfferSummary
- OfferTargetAgreementIdFilter
- OfferTargetAgreementIntentFilter
- OfferTargetingFilter
- ResaleAuthorizationAvailabilityEndDateFilter
- ResaleAuthorizationAvailabilityEndDateFilterDateRange
- ResaleAuthorizationCreatedDateFilter
- ResaleAuthorizationCreatedDateFilterDateRange
- ResaleAuthorizationEntityIdFilter
- ResaleAuthorizationFilters
- ResaleAuthorizationLastModifiedDateFilter
- ResaleAuthorizationLastModifiedDateFilterDateRange
- ResaleAuthorizationManufacturerAccountIdFilter
- ResaleAuthorizationManufacturerLegalNameFilter

- ResaleAuthorizationNameFilter
- ResaleAuthorizationOfferExtendedStatusFilter
- ResaleAuthorizationProductIdFilter
- ResaleAuthorizationProductNameFilter
- ResaleAuthorizationResellerAccountIDFilter
- ResaleAuthorizationResellerLegalNameFilter
- ResaleAuthorizationResellerRoleFilter
- ResaleAuthorizationSort
- ResaleAuthorizationStatusFilter
- ResaleAuthorizationSummary
- SaaSProductEntityIdFilter
- SaaSProductFilters
- SaaSProductLastModifiedDateFilter
- SaaSProductLastModifiedDateFilterDateRange
- SaaSProductSort
- SaaSProductSummary
- SaaSProductTitleFilter
- SaaSProductVisibilityFilter
- Sort
- Tag
- ValidationExceptionField

AmiProductEntityIdFilter

Service: AWS Marketplace Catalog Service

Object that allows filtering on entity id of an AMI product.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

A string array of unique entity id values to be filtered on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AmiProductFilters

Service: AWS Marketplace Catalog Service

Object containing all the filter fields for AMI products. Client can add only one wildcard filter and a maximum of 8 filters in a single `ListEntities` request.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

EntityId

Unique identifier for the AMI product.

Type: AmiProductEntityIdFilter object

Required: No

LastModifiedDate

The last date on which the AMI product was modified.

Type: AmiProductLastModifiedDateFilter object

Required: No

ProductTitle

The title of the AMI product.

Type: AmiProductTitleFilter object

Required: No

Visibility

The visibility of the AMI product.

Type: AmiProductVisibilityFilter object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AmiProductLastModifiedDateFilter

Service: AWS Marketplace Catalog Service

Object that allows filtering based on the last modified date of AMI products.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

DateRange

Dates between which the AMI product was last modified.

Type: AmiProductLastModifiedDateFilterDateRange object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AmiProductLastModifiedDateFilterDateRange

Service: AWS Marketplace Catalog Service

Object that contains date range of the last modified date to be filtered on. You can optionally provide a `BeforeValue` and/or `AfterValue`. Both are inclusive.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AfterValue

Date after which the AMI product was last modified.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

BeforeValue

Date before which the AMI product was last modified.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AmiProductSort

Service: AWS Marketplace Catalog Service

Objects that allows sorting on AMI products based on certain fields and sorting order.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

SortBy

Field to sort the AMI products by.

Type: String

Valid Values: `EntityId | LastModifiedDate | ProductTitle | Visibility`

Required: No

SortOrder

The sorting order. Can be `ASCENDING` or `DESCENDING`. The default value is `DESCENDING`.

Type: String

Valid Values: `ASCENDING | DESCENDING`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AmiProductSummary

Service: AWS Marketplace Catalog Service

Object that contains summarized information about an AMI product.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ProductTitle

The title of the AMI product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

Visibility

The lifecycle of the AMI product.

Type: String

Valid Values: `Limited | Public | Restricted | Draft`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2

- AWS SDK for Ruby V3

AmiProductTitleFilter

Service: AWS Marketplace Catalog Service

Object that allows filtering on product title.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

A string array of unique product title values to be filtered on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

WildCardValue

A string that will be the `wildCard` input for product tile filter. It matches the provided value as a substring in the actual value.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AmiProductVisibilityFilter

Service: AWS Marketplace Catalog Service

Object that allows filtering on the visibility of the product in the AWS Marketplace.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

A string array of unique visibility values to be filtered on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Valid Values: `Limited | Public | Restricted | Draft`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AMISecurityFilters

Service: AWS Marketplace Catalog Service

Filters that apply to assessments performed against the AMI Security framework.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

DeliveryOptionId

The unique ID of the delivery option whose AMI Security assessments you want to list.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-]+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AMISecuritySummary

Service: AWS Marketplace Catalog Service

The details of the resource assessed under the AMI Security framework.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

DeliveryOptionId

The unique ID of the delivery option that was evaluated.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-]+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AssessmentSummary

Service: AWS Marketplace Catalog Service

Summarized information about an assessment.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AssessmentArn

The ARN associated with the assessment.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[a-zA-Z0-9:*/-]+$`

Required: No

AssessmentId

The unique ID of the assessment.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-]+$`

Required: No

AssessmentResult

The overall result of the assessment.

Type: String

Valid Values: `PASS | FAIL`

Required: No

AssessmentTargetSummary

Identifies the entity or change set that was assessed.

Type: AssessmentTargetSummary object

Required: No

CreatedAt

The date and time the assessment was created, in ISO 8601 format (`2018-02-27T13:45:22Z`).

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

ExpiresAt

The date and time the assessment expires, in ISO 8601 format (`2018-02-27T13:45:22Z`).

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

FrameworkId

The identifier of the framework that was evaluated by this assessment, in the format `frameworkId@version` (for example, `AMISecurity@1.0`).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-@.]+$`

Required: No

FrameworkSummary

The framework-specific details of the assessed resource. The set member corresponds to the framework identified by `FrameworkId`.

Type: FrameworkSummary object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AssessmentTargetFilter

Service: AWS Marketplace Catalog Service

Filters assessment list results by the resource that was assessed. Provide an entity identifier, a change set identifier, or both.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ChangeSetId

The unique ID of the change set that triggered the assessments you want to list.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-]+$`

Required: No

EntityId

The unique ID of the entity whose assessments you want to list.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-]+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AssessmentTargetSummary

Service: AWS Marketplace Catalog Service

Identifies the entity or change set that was assessed.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ChangeSetId

The unique ID of the change set that was assessed.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-]+$`

Required: No

EntityId

The unique ID of the entity that was assessed.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-]+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

BatchDescribeErrorDetail

Service: AWS Marketplace Catalog Service

An object that contains an error code and error message.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ErrorCode

The error code returned.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 72.

Pattern: `^[a-zA-Z_]+$`

Required: No

ErrorMessage

The error message returned.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^(.)+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

Change

Service: AWS Marketplace Catalog Service

An object that contains the `ChangeType`, `Details`, and `Entity`.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ChangeType

Change types are single string values that describe your intention for the change. Each change type is unique for each `EntityType` provided in the change's scope. For more information about change types available for single-AMI products, see Working with single-AMI products. Also, for more information about change types available for container-based products, see Working with container products.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[A-Z][\w]*$`

Required: Yes

Entity

The entity to be changed.

Type: Entity object

Required: Yes

ChangeName

Optional name for the change.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 72.

Pattern: `^[a-zA-Z]$`

Required: No

Details

This object contains details specific to the change type of the requested change. For more information about change types available for single-AMI products, see Working with single-AMI products. Also, for more information about change types available for container-based products, see Working with container products.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 16384.

Pattern: `^[\s]*\{[\s\S]*\}[\s]*$`

Required: No

DetailsDocument

Alternative field that accepts a JSON value instead of a string for `ChangeType` details. You can use either `Details` or `DetailsDocument`, but not both.

To download the "DetailsDocument" shapes, see the Python and Java shapes on GitHub.

Type: JSON value

Required: No

EntityTags

The tags associated with the change.

Type: Array of Tag objects

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ChangeSetSummaryListItem

Service: AWS Marketplace Catalog Service

A summary of a change set returned in a list of change sets when the `ListChangeSets` action is called.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ChangeSetArn

The ARN associated with the unique identifier for the change set referenced in this request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[a-zA-Z0-9:*/-]+$`

Required: No

ChangeSetId

The unique identifier for a change set.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-]+$`

Required: No

ChangeSetName

The non-unique name for the change set.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: ^[\w\s+=.:@-]+$

Required: No

EndTime

The time, in ISO 8601 format (2018-02-27T13:45:22Z), when the change set was finished.

Type: String

Length Constraints: Fixed length of 20.

Pattern: ^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$

Required: No

EntityIdList

This object is a list of entity IDs (string) that are a part of a change set. The entity ID list is a maximum of 20 entities. It must contain at least one entity.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: ^[\w\-]+$

Required: No

FailureCode

Returned if the change set is in FAILED status. Can be either CLIENT_ERROR, which means that there are issues with the request (see the ErrorDetailList of DescribeChangeSet), or SERVER_FAULT, which means that there is a problem in the system, and you should retry your request.

Type: String

Valid Values: CLIENT_ERROR | SERVER_FAULT

Required: No

StartTime

The time, in ISO 8601 format (2018-02-27T13:45:22Z), when the change set was started.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

Status

The current status of the change set.

Type: String

Valid Values: `PREPARING | APPLYING | SUCCEEDED | CANCELLED | FAILED`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ChangeSummary

Service: AWS Marketplace Catalog Service

This object is a container for common summary information about the change. The summary doesn't contain the whole change structure.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ChangeName

Optional name for the change.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 72.

Pattern: `^[a-zA-Z]$`

Required: No

ChangeType

The type of the change.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[A-Z][\w]*$`

Required: No

Details

This object contains details specific to the change type of the requested change.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 16384.

Pattern: `^[\s]*\{[\s\S]*\}[\s]*$`

Required: No

DetailsDocument

The JSON value of the details specific to the change type of the requested change.

To download the "DetailsDocument" shapes, see the Python and Java shapes on GitHub.

Type: JSON value

Required: No

Entity

The entity to be changed.

Type: Entity object

Required: No

ErrorDetailList

An array of `ErrorDetail` objects associated with the change.

Type: Array of ErrorDetail objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ContainerProductEntityIdFilter

Service: AWS Marketplace Catalog Service

Object that allows filtering on entity id of a container product.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

A string array of unique entity id values to be filtered on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ContainerProductFilters

Service: AWS Marketplace Catalog Service

Object containing all the filter fields for container products. Client can add only one wildcard filter and a maximum of 8 filters in a single `ListEntities` request.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

EntityId

Unique identifier for the container product.

Type: ContainerProductEntityIdFilter object

Required: No

LastModifiedDate

The last date on which the container product was modified.

Type: ContainerProductLastModifiedDateFilter object

Required: No

ProductTitle

The title of the container product.

Type: ContainerProductTitleFilter object

Required: No

Visibility

The visibility of the container product.

Type: ContainerProductVisibilityFilter object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ContainerProductLastModifiedDateFilter

Service: AWS Marketplace Catalog Service

Object that allows filtering based on the last modified date of container products.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

DateRange

Dates between which the container product was last modified.

Type: ContainerProductLastModifiedDateFilterDateRange object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ContainerProductLastModifiedDateFilterDateRange

Service: AWS Marketplace Catalog Service

Object that contains date range of the last modified date to be filtered on. You can optionally provide a `BeforeValue` and/or `AfterValue`. Both are inclusive.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AfterValue

Date after which the container product was last modified.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

BeforeValue

Date before which the container product was last modified.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ContainerProductSort

Service: AWS Marketplace Catalog Service

Objects that allows sorting on container products based on certain fields and sorting order.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

SortBy

Field to sort the container products by.

Type: String

Valid Values: `EntityId | LastModifiedDate | ProductTitle | Visibility | CompatibleAWSServices`

Required: No

SortOrder

The sorting order. Can be `ASCENDING` or `DESCENDING`. The default value is `DESCENDING`.

Type: String

Valid Values: `ASCENDING | DESCENDING`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ContainerProductSummary

Service: AWS Marketplace Catalog Service

Object that contains summarized information about a container product.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ProductTitle

The title of the container product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

Visibility

The lifecycle of the product.

Type: String

Valid Values: `Limited | Public | Restricted | Draft`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2

- AWS SDK for Ruby V3

ContainerProductTitleFilter

Service: AWS Marketplace Catalog Service

Object that allows filtering on product title.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

A string array of unique product title values to be filtered on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

WildCardValue

A string that will be the `wildCard` input for product tile filter. It matches the provided value as a substring in the actual value.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ContainerProductVisibilityFilter

Service: AWS Marketplace Catalog Service

Object that allows filtering on the visibility of the product in the AWS Marketplace.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

A string array of unique visibility values to be filtered on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Valid Values: `Limited | Public | Restricted | Draft`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ContainerSecurityFilters

Service: AWS Marketplace Catalog Service

Filters that apply to assessments performed against the Container Security framework.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

DeliveryOptionId

The unique ID of the delivery option whose Container Security assessments you want to list.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-]+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ContainerSecuritySummary

Service: AWS Marketplace Catalog Service

The details of the resource assessed under the Container Security framework.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

DeliveryOptionId

The unique ID of the delivery option that was evaluated.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-]+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ControlAssessment

Service: AWS Marketplace Catalog Service

The result of evaluating a single control as part of an assessment.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ControlAssessmentResult

The result of the control evaluation.

Type: String

Valid Values: `PASS | FAIL | NOT_EXECUTED | EXEMPTION_PASS`

Required: No

ControlId

The unique ID of the control that was evaluated.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-]+$`

Required: No

Errors

An array of `ControlError` objects associated with the control evaluation.

Type: Array of ControlError objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ControlError

Service: AWS Marketplace Catalog Service

An error reported during the evaluation of a single control.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

Code

The error code that identifies the type of error.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `^[A-Z_]+$`

Required: No

Message

The message for the error.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

Scope

The list of name-value pairs that identify the resource or attribute that the error applies to.

Type: Array of ErrorScope objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

DataProductEntityIdFilter

Service: AWS Marketplace Catalog Service

Object that allows filtering on entity id of a data product.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

A string array of unique entity id values to be filtered on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

DataProductFilters

Service: AWS Marketplace Catalog Service

Object containing all the filter fields for data products. Client can add only one wildcard filter and a maximum of 8 filters in a single `ListEntities` request.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

EntityId

Unique identifier for the data product.

Type: DataProductEntityIdFilter object

Required: No

LastModifiedDate

The last date on which the data product was modified.

Type: DataProductLastModifiedDateFilter object

Required: No

ProductTitle

The title of the data product.

Type: DataProductTitleFilter object

Required: No

Visibility

The visibility of the data product.

Type: DataProductVisibilityFilter object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

DataProductLastModifiedDateFilter

Service: AWS Marketplace Catalog Service

Object that allows filtering based on the last modified date of data products.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

DateRange

Dates between which the data product was last modified.

Type: DataProductLastModifiedDateFilterDateRange object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

DataProductLastModifiedDateFilterDateRange

Service: AWS Marketplace Catalog Service

Object that contains date range of the last modified date to be filtered on. You can optionally provide a `BeforeValue` and/or `AfterValue`. Both are inclusive.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AfterValue

Date after which the data product was last modified.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

BeforeValue

Date before which the data product was last modified.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

DataProductSort

Service: AWS Marketplace Catalog Service

Objects that allows sorting on data products based on certain fields and sorting order.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

SortBy

Field to sort the data products by.

Type: String

Valid Values: `EntityId | ProductTitle | Visibility | LastModifiedDate`

Required: No

SortOrder

The sorting order. Can be `ASCENDING` or `DESCENDING`. The default value is `DESCENDING`.

Type: String

Valid Values: `ASCENDING | DESCENDING`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

DataProductSummary

Service: AWS Marketplace Catalog Service

Object that contains summarized information about a data product.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ProductTitle

The title of the data product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

Visibility

The lifecycle of the data product.

Type: String

Valid Values: `Limited | Public | Restricted | Unavailable | Draft`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2

- AWS SDK for Ruby V3

DataProductTitleFilter

Service: AWS Marketplace Catalog Service

Object that allows filtering on product title.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

A string array of unique product title values to be filtered on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

WildCardValue

A string that will be the `wildCard` input for product tile filter. It matches the provided value as a substring in the actual value.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

DataProductVisibilityFilter

Service: AWS Marketplace Catalog Service

Object that allows filtering on the visibility of the product in the AWS Marketplace.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

A string array of unique visibility values to be filtered on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Valid Values: `Limited | Public | Restricted | Unavailable | Draft`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Entity

Service: AWS Marketplace Catalog Service

An entity contains data that describes your product, its supported features, and how it can be used or launched by your customer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

Type

The type of entity.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z]+$`

Required: Yes

Identifier

The identifier for the entity.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-@]+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

EntityDetail

Service: AWS Marketplace Catalog Service

An object that contains metadata and details about the entity.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

DetailsDocument

An object that contains all the details of the entity.

Type: JSON value

Required: No

EntityArn

The Amazon Resource Name (ARN) of the entity.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[a-zA-Z0-9:*/-]+$`

Required: No

EntityIdentifier

The ID of the entity, in the format of `EntityId@RevisionId`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-@]+$`

Required: No

EntityType

The entity type of the entity, in the format of `EntityType@Version`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z]+$`

Required: No

LastModifiedDate

The last time the entity was modified.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

EntityRequest

Service: AWS Marketplace Catalog Service

An object that contains entity ID and the catalog in which the entity is present.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

Catalog

The name of the catalog the entity is present in. The only value at this time is `AWSMarketplace`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[a-zA-Z]+$`

Required: Yes

EntityId

The ID of the entity.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

EntitySummary

Service: AWS Marketplace Catalog Service

This object is a container for common summary information about the entity. The summary doesn't contain the whole entity structure, but it does contain information common across all entities.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AmiProductSummary

An object that contains summary information about the AMI product.

Type: AmiProductSummary object

Required: No

ContainerProductSummary

An object that contains summary information about the container product.

Type: ContainerProductSummary object

Required: No

DataProductSummary

An object that contains summary information about the data product.

Type: DataProductSummary object

Required: No

EntityArn

The ARN associated with the unique identifier for the entity.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[a-zA-Z0-9:*/-]+$`

Required: No

EntityId

The unique identifier for the entity.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[\w\-]+$`

Required: No

EntityType

The type of the entity.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z]+$`

Required: No

LastModifiedDate

The last time the entity was published, using ISO 8601 format (2018-02-27T13:45:22Z).

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

MachineLearningProductSummary

A summary of a machine learning product.

Type: MachineLearningProductSummary object

Required: No

Name

The name for the entity. This value is not unique. It is defined by the seller.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: ^\\S+[\\S\\s]*

Required: No

OfferSetSummary

An object that contains summary information about the offer set.

Type: OfferSetSummary object

Required: No

OfferSummary

An object that contains summary information about the offer.

Type: OfferSummary object

Required: No

ResaleAuthorizationSummary

An object that contains summary information about the Resale Authorization.

Type: ResaleAuthorizationSummary object

Required: No

SaaSProductSummary

An object that contains summary information about the SaaS product.

Type: SaaSProductSummary object

Required: No

Visibility

The visibility status of the entity to buyers. This value can be `Public` (everyone can view the entity), `Limited` (the entity is visible to limited accounts only), or `Restricted` (the entity was published and then unpublished and only existing buyers can view it).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^[a-zA-Z]+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

EntityTypeFilters

Service: AWS Marketplace Catalog Service

Object containing all the filter fields per entity type.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

> **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

AmiProductFilters

A filter for AMI products.

Type: AmiProductFilters object

Required: No

ContainerProductFilters

A filter for container products.

Type: ContainerProductFilters object

Required: No

DataProductFilters

A filter for data products.

Type: DataProductFilters object

Required: No

MachineLearningProductFilters

The filters that you can use with the ListEntities operation to filter machine learning products. You can filter by `EntityId`, `astModifiedDate`, `ProductTitle`, and `Visibility`.

Type: MachineLearningProductFilters object

Required: No

OfferFilters

A filter for offers.

Type: OfferFilters object

Required: No

OfferSetFilters

A filter for offer sets.

Type: OfferSetFilters object

Required: No

ResaleAuthorizationFilters

A filter for Resale Authorizations.

Type: ResaleAuthorizationFilters object

Required: No

SaaSProductFilters

A filter for SaaS products.

Type: SaaSProductFilters object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

EntityTypeSort

Service: AWS Marketplace Catalog Service

Object containing all the sort fields per entity type.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

> **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

AmiProductSort

A sort for AMI products.

Type: AmiProductSort object

Required: No

ContainerProductSort

A sort for container products.

Type: ContainerProductSort object

Required: No

DataProductSort

A sort for data products.

Type: DataProductSort object

Required: No

MachineLearningProductSort

The sort options for machine learning products.

Type: MachineLearningProductSort object

Required: No

OfferSetSort

A sort for offer sets.

Type: OfferSetSort object

Required: No

OfferSort

A sort for offers.

Type: OfferSort object

Required: No

ResaleAuthorizationSort

A sort for Resale Authorizations.

Type: ResaleAuthorizationSort object

Required: No

SaaSProductSort

A sort for SaaS products.

Type: SaaSProductSort object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

ErrorDetail

Service: AWS Marketplace Catalog Service

Details about the error.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ErrorCode

The error code that identifies the type of error.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 72.

Pattern: `^[a-zA-Z_]+$`

Required: No

ErrorMessage

The message for the error.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^(.)+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

ErrorScope

Service: AWS Marketplace Catalog Service

A name-value pair that identifies the resource or attribute that a `ControlError` applies to.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

Name

The name of the resource field the error applies to (for example, `AMI_ID`, `FILE_PATH`, or `PACKAGE_NAME`).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Required: No

Value

The value of the resource field the error applies to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Filter

Service: AWS Marketplace Catalog Service

A filter object, used to optionally filter results from calls to the `ListEntities` and `ListChangeSets` actions.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

Name

For `ListEntities`, the supported value for this is an `EntityId`.

For `ListChangeSets`, the supported values are as follows:

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z]+$`

Required: No

ValueList

`ListEntities` - This is a list of unique `EntityIds`.

`ListChangeSets` - The supported filter names and associated `ValueLists` is as follows:

- `ChangeSetName` - The supported `ValueList` is a list of non-unique `ChangeSetNames`. These are defined when you call the `StartChangeSet` action.
- `Status` - The supported `ValueList` is a list of statuses for all change set requests.
- `EntityId` - The supported `ValueList` is a list of unique `EntityIds`.
- `BeforeStartTime` - The supported `ValueList` is a list of all change sets that started before the filter value.
- `AfterStartTime` - The supported `ValueList` is a list of all change sets that started after the filter value.

- `BeforeEndTime` - The supported `ValueList` is a list of all change sets that ended before the filter value.
- `AfterEndTime` - The supported `ValueList` is a list of all change sets that ended after the filter value.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

FrameworkFilters

Service: AWS Marketplace Catalog Service

Framework-specific filters used to scope `ListAssessments` results. Set exactly one member, corresponding to the framework you want to filter by.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

> **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

AMISecurityFilters

Filters that apply to assessments performed against the AMI Security framework.

Type: AMISecurityFilters object

Required: No

ContainerSecurityFilters

Filters that apply to assessments performed against the Container Security framework.

Type: ContainerSecurityFilters object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

FrameworkSummary

Service: AWS Marketplace Catalog Service

The framework-specific details of the assessed resource. Exactly one member is set, corresponding to the framework that was assessed.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

> **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

AMISecuritySummary

The details of the resource assessed under the AMI Security framework.

Type: AMISecuritySummary object

Required: No

ContainerSecuritySummary

The details of the resource assessed under the Container Security framework.

Type: ContainerSecuritySummary object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

MachineLearningProductEntityIdFilter

Service: AWS Marketplace Catalog Service

The filter for machine learning product entity IDs.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

A list of entity IDs to filter by. The operation returns machine learning products with entity IDs that match the values in this list.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

MachineLearningProductFilters

Service: AWS Marketplace Catalog Service

The filters that you can use with the ListEntities operation to filter machine learning products. You can filter by `EntityId`, `astModifiedDate`, `ProductTitle`, and `Visibility`.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

EntityId

Filter machine learning products by their entity IDs.

Type: MachineLearningProductEntityIdFilter object

Required: No

LastModifiedDate

Filter machine learning products by their last modified date.

Type: MachineLearningProductLastModifiedDateFilter object

Required: No

ProductTitle

Filter machine learning products by their product titles.

Type: MachineLearningProductTitleFilter object

Required: No

Visibility

Filter machine learning products by their visibility status.

Type: MachineLearningProductVisibilityFilter object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

MachineLearningProductLastModifiedDateFilter

Service: AWS Marketplace Catalog Service

The filter for machine learning product last modified date.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

DateRange

A date range to filter by. The operation returns machine learning products with last modified dates that fall within this range.

Type: MachineLearningProductLastModifiedDateFilterDateRange object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

MachineLearningProductLastModifiedDateFilterDateRange

Service: AWS Marketplace Catalog Service

A date range for filtering machine learning products by their last modified date.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AfterValue

The start date (inclusive) of the date range. The operation returns machine learning products with last modified dates on or after this date.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

BeforeValue

The end date (inclusive) of the date range. The operation returns machine learning products with last modified dates on or before this date.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

MachineLearningProductSort

Service: AWS Marketplace Catalog Service

The sort options for machine learning products.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

SortBy

The field to sort by. Valid values: `EntityId`, `LastModifiedDate`, `ProductTitle`, and `Visibility`.

Type: String

Valid Values: `EntityId | LastModifiedDate | ProductTitle | Visibility`

Required: No

SortOrder

The sort order. Valid values are `ASC` (ascending) and `DESC` (descending).

Type: String

Valid Values: `ASCENDING | DESCENDING`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

MachineLearningProductSummary

Service: AWS Marketplace Catalog Service

A summary of a machine learning product.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ProductTitle

The title of the machine learning product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

Visibility

The visibility status of the machine learning product. Valid values are `Limited`, `Public`, `Restricted`, and `Draft`.

Type: String

Valid Values: `Limited | Public | Restricted | Draft`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

MachineLearningProductTitleFilter

Service: AWS Marketplace Catalog Service

The filter for machine learning product titles.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

A list of product titles to filter by. The operation returns machine learning products with titles that exactly match the values in this list.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

WildCardValue

A wildcard value to filter product titles. The operation returns machine learning products with titles that match this wildcard pattern.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

MachineLearningProductVisibilityFilter

Service: AWS Marketplace Catalog Service

The filter for machine learning product visibility status.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

A list of visibility values to filter by. The operation returns machine learning products with visibility status that match the values in this list.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Valid Values: `Limited | Public | Restricted | Draft`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferAvailabilityEndDateFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `AvailabilityEndDate` of an offer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

DateRange

Allows filtering on the `AvailabilityEndDate` of an offer with date range as input.

Type: OfferAvailabilityEndDateFilterDateRange object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferAvailabilityEndDateFilterDateRange

Service: AWS Marketplace Catalog Service

Allows filtering on the `AvailabilityEndDate` of an offer with date range as input.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AfterValue

Allows filtering on the `AvailabilityEndDate` of an offer after a date.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

BeforeValue

Allows filtering on the `AvailabilityEndDate` of an offer before a date.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferBuyerAccountsFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `BuyerAccounts` of an offer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

WildCardValue

Allows filtering on the `BuyerAccounts` of an offer with wild card input.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferCreatedBySourceFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `CreatedBySource` of an offer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `CreatedBySource` of an offer with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 2 items.

Valid Values: `Seller | AwsMarketplace`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferEntityIdFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the entity id of an offer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on entity id of an offer with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferFilters

Service: AWS Marketplace Catalog Service

Object containing all the filter fields for offers entity. Client can add only one wildcard filter and a maximum of 8 filters in a single `ListEntities` request.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AvailabilityEndDate

Allows filtering on the `AvailabilityEndDate` of an offer.

Type: OfferAvailabilityEndDateFilter object

Required: No

BuyerAccounts

Allows filtering on the `BuyerAccounts` of an offer.

Type: OfferBuyerAccountsFilter object

Required: No

CreatedBySource

Allows filtering on the `CreatedBySource` of an offer.

Type: OfferCreatedBySourceFilter object

Required: No

EntityId

Allows filtering on `EntityId` of an offer.

Type: OfferEntityIdFilter object

Required: No

LastModifiedDate

Allows filtering on the `LastModifiedDate` of an offer.

Type: OfferLastModifiedDateFilter object

Required: No

Name

Allows filtering on the `Name` of an offer.

Type: OfferNameFilter object

Required: No

OfferSetId

Allows filtering on the `OfferSetId` of an offer.

Type: OfferSetIdFilter object

Required: No

ProductId

Allows filtering on the `ProductId` of an offer.

Type: OfferProductIdFilter object

Required: No

ReleaseDate

Allows filtering on the `ReleaseDate` of an offer.

Type: OfferReleaseDateFilter object

Required: No

ResaleAuthorizationId

Allows filtering on the `ResaleAuthorizationId` of an offer.

> **Note**
>
> Not all offers have a `ResaleAuthorizationId`. The response will only include offers for which you have permissions.

Type: OfferResaleAuthorizationIdFilter object

Required: No

State

Allows filtering on the `State` of an offer.

Type: OfferStateFilter object

Required: No

TargetAgreementId

Allows filtering on the `TargetAgreementId` of an offer.

Type: OfferTargetAgreementIdFilter object

Required: No

TargetAgreementIntent

Allows filtering on the `TargetAgreementIntent` of an offer.

Type: OfferTargetAgreementIntentFilter object

Required: No

Targeting

Allows filtering on the `Targeting` of an offer.

Type: OfferTargetingFilter object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferLastModifiedDateFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `LastModifiedDate` of an offer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

DateRange

Allows filtering on the `LastModifiedDate` of an offer with date range as input.

Type: OfferLastModifiedDateFilterDateRange object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferLastModifiedDateFilterDateRange

Service: AWS Marketplace Catalog Service

Allows filtering on the `LastModifiedDate` of an offer with date range as input.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AfterValue

Allows filtering on the `LastModifiedDate` of an offer after a date.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

BeforeValue

Allows filtering on the `LastModifiedDate` of an offer before a date.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferNameFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `Name` of an offer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `Name` of an offer with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 150.

Pattern: `^(.)+$`

Required: No

WildCardValue

Allows filtering on the `Name` of an offer with wild card input.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 150.

Pattern: `^(.)+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferProductIdFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `ProductId` of an offer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `ProductId` of an offer with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferReleaseDateFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `ReleaseDate` of an offer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

DateRange

Allows filtering on the `ReleaseDate` of an offer with date range as input.

Type: OfferReleaseDateFilterDateRange object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferReleaseDateFilterDateRange

Service: AWS Marketplace Catalog Service

Allows filtering on the `ReleaseDate` of an offer with date range as input.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AfterValue

Allows filtering on the `ReleaseDate` of offers after a date.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

BeforeValue

Allows filtering on the `ReleaseDate` of offers before a date.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferResaleAuthorizationIdFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `ResaleAuthorizationId` of an offer.

> **Note**
>
> Not all offers have a `ResaleAuthorizationId`. The response will only include offers for which you have permissions.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `ResaleAuthorizationId` of an offer with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2

- AWS SDK for Ruby V3

OfferSetAssociatedOfferIdsFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `AssociatedOfferIds` of an offer set.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `AssociatedOfferIds` of an offer set with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferSetEntityIdFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the entity id of an offer set.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on entity id of an offer set with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^offerset-[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferSetFilters

Service: AWS Marketplace Catalog Service

Object containing all the filter fields for offer sets entity. Client can add a maximum of 8 filters in a single `ListEntities` request.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AssociatedOfferIds

Allows filtering on the `AssociatedOfferIds` of an offer set.

Type: OfferSetAssociatedOfferIdsFilter object

Required: No

EntityId

Allows filtering on `EntityId` of an offer set.

Type: OfferSetEntityIdFilter object

Required: No

LastModifiedDate

Allows filtering on the `LastModifiedDate` of an offer set.

Type: OfferSetLastModifiedDateFilter object

Required: No

Name

Allows filtering on the `Name` of an offer set.

Type: OfferSetNameFilter object

Required: No

ReleaseDate

Allows filtering on the `ReleaseDate` of an offer set.

Type: OfferSetReleaseDateFilter object

Required: No

SolutionId

Allows filtering on the `SolutionId` of an offer set.

Type: OfferSetSolutionIdFilter object

Required: No

State

Allows filtering on the `State` of an offer set.

Type: OfferSetStateFilter object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferSetIdFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `OfferSetId` of an offer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `OfferSetId` of an offer.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 50.

Pattern: `^offerset-[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferSetLastModifiedDateFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `LastModifiedDate` of an offer set.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

DateRange

Allows filtering on the `LastModifiedDate` of an offer set with date range as input.

Type: OfferSetLastModifiedDateFilterDateRange object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferSetLastModifiedDateFilterDateRange

Service: AWS Marketplace Catalog Service

Allows filtering on the `LastModifiedDate` of an offer set with date range as input.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AfterValue

Allows filtering on the `LastModifiedDate` of an offer set after a date.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

BeforeValue

Allows filtering on the `LastModifiedDate` of an offer set before a date.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferSetNameFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `Name` of an offer set.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `Name` of an offer set with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 150.

Pattern: `^(.)+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferSetReleaseDateFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `ReleaseDate` of an offer set.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

DateRange

Allows filtering on the `ReleaseDate` of an offer set with date range as input.

Type: OfferSetReleaseDateFilterDateRange object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferSetReleaseDateFilterDateRange

Service: AWS Marketplace Catalog Service

Allows filtering on the `ReleaseDate` of an offer set with date range as input.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AfterValue

Allows filtering on the `ReleaseDate` of offer set after a date.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

BeforeValue

Allows filtering on the `ReleaseDate` of offer set before a date.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferSetSolutionIdFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `SolutionId` of an offer set.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `SolutionId` of an offer set with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 50.

Pattern: `^[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferSetSort

Service: AWS Marketplace Catalog Service

Allows to sort offer sets.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

SortBy

Allows to sort offer sets.

Type: String

Valid Values: `Name | State | ReleaseDate | SolutionId | EntityId | LastModifiedDate`

Required: No

SortOrder

Allows to sort offer sets.

Type: String

Valid Values: `ASCENDING | DESCENDING`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferSetStateFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `State` of an offer set.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `State` of an offer set with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 2 items.

Valid Values: `Draft | Released`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferSetSummary

Service: AWS Marketplace Catalog Service

Summarized information about an offer set.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AssociatedOfferIds

The list of offer IDs associated with the offer set.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Required: No

Name

The name of the offer set.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 150.

Pattern: `^(.)+$`

Required: No

ReleaseDate

The release date of the offer set.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

SolutionId

The solution ID associated with the offer set.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Pattern: `^[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Required: No

State

The state of the offer set.

Type: String

Valid Values: `Draft | Released`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferSort

Service: AWS Marketplace Catalog Service

Allows to sort offers.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

SortBy

Allows to sort offers.

Type: String

Valid Values: `EntityId | Name | ProductId | ResaleAuthorizationId | ReleaseDate | AvailabilityEndDate | BuyerAccounts | State | Targeting | LastModifiedDate | OfferSetId | TargetAgreementId | TargetAgreementIntent | CreatedBySource`

Required: No

SortOrder

Allows to sort offers.

Type: String

Valid Values: `ASCENDING | DESCENDING`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferStateFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `State` of an offer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `State` of an offer with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 2 items.

Valid Values: `Draft | Released`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferSummary

Service: AWS Marketplace Catalog Service

Summarized information about an offer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AvailabilityEndDate

The availability end date of the offer.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

BuyerAccounts

The buyer accounts in the offer.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 26 items.

Length Constraints: Fixed length of 12.

Pattern: `^\d{12}$`

Required: No

CreatedBySource

The creation source of the offer.

Type: String

Valid Values: `Seller | AwsMarketplace`

Required: No

Name

The name of the offer.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 150.

Pattern: `^(.)+$`

Required: No

OfferSetId

The offer set ID of the offer.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Pattern: `^offerset-[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Required: No

ProductId

The product ID of the offer.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

ReleaseDate

The release date of the offer.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

ResaleAuthorizationId

The ResaleAuthorizationId of the offer.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Required: No

State

The status of the offer.

Type: String

Valid Values: `Draft | Released`

Required: No

TargetAgreementId

The target agreement ID of the offer.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^(.)+$`

Required: No

TargetAgreementIntent

The target agreement intent of the offer.

Type: String

Valid Values: `Renew`

Required: No

Targeting

The targeting in the offer.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 4 items.

Valid Values: `BuyerAccounts | ParticipatingPrograms | CountryCodes | None`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferTargetAgreementIdFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `TargetAgreementId` of an offer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `TargetAgreementId` of an offer with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `^(.)+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferTargetAgreementIntentFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `TargetAgreementIntent` of an offer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `TargetAgreementIntent` of an offer with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 2 items.

Valid Values: `Renew`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferTargetingFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `Targeting` of an offer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `Targeting` of an offer with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Valid Values: `BuyerAccounts | ParticipatingPrograms | CountryCodes | None`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationAvailabilityEndDateFilter

Service: AWS Marketplace Catalog Service

Allows filtering on `AvailabilityEndDate` of a ResaleAuthorization.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

DateRange

Allows filtering on `AvailabilityEndDate` of a ResaleAuthorization with date range as input

Type: ResaleAuthorizationAvailabilityEndDateFilterDateRange object

Required: No

ValueList

Allows filtering on `AvailabilityEndDate` of a ResaleAuthorization with date value as input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationAvailabilityEndDateFilterDateRange

Service: AWS Marketplace Catalog Service

Allows filtering on `AvailabilityEndDate` of a ResaleAuthorization with date range as input.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AfterValue

Allows filtering on `AvailabilityEndDate` of a ResaleAuthorization after a date.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

BeforeValue

Allows filtering on `AvailabilityEndDate` of a ResaleAuthorization before a date.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationCreatedDateFilter

Service: AWS Marketplace Catalog Service

Allows filtering on `CreatedDate` of a ResaleAuthorization.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

DateRange

Allows filtering on `CreatedDate` of a ResaleAuthorization with date range as input.

Type: ResaleAuthorizationCreatedDateFilterDateRange object

Required: No

ValueList

Allows filtering on `CreatedDate` of a ResaleAuthorization with date value as input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationCreatedDateFilterDateRange

Service: AWS Marketplace Catalog Service

Allows filtering on `CreatedDate` of a ResaleAuthorization with date range as input.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AfterValue

Allows filtering on `CreatedDate` of a ResaleAuthorization after a date.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

BeforeValue

Allows filtering on `CreatedDate` of a ResaleAuthorization before a date.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationEntityIdFilter

Service: AWS Marketplace Catalog Service

Allows filtering on `EntityId` of a ResaleAuthorization.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on `EntityId` of a ResaleAuthorization with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationFilters

Service: AWS Marketplace Catalog Service

Object containing all the filter fields for resale authorization entity. Client can add only one wildcard filter and a maximum of 8 filters in a single `ListEntities` request.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AvailabilityEndDate

Allows filtering on the `AvailabilityEndDate` of a ResaleAuthorization.

Type: ResaleAuthorizationAvailabilityEndDateFilter object

Required: No

CreatedDate

Allows filtering on the `CreatedDate` of a ResaleAuthorization.

Type: ResaleAuthorizationCreatedDateFilter object

Required: No

EntityId

Allows filtering on the `EntityId` of a ResaleAuthorization.

Type: ResaleAuthorizationEntityIdFilter object

Required: No

LastModifiedDate

Allows filtering on the `LastModifiedDate` of a ResaleAuthorization.

Type: ResaleAuthorizationLastModifiedDateFilter object

Required: No

ManufacturerAccountId

Allows filtering on the `ManufacturerAccountId` of a ResaleAuthorization.

Type: ResaleAuthorizationManufacturerAccountIdFilter object

Required: No

ManufacturerLegalName

Allows filtering on the `ManufacturerLegalName` of a ResaleAuthorization.

Type: ResaleAuthorizationManufacturerLegalNameFilter object

Required: No

Name

Allows filtering on the `Name` of a ResaleAuthorization.

Type: ResaleAuthorizationNameFilter object

Required: No

OfferExtendedStatus

Allows filtering on the `OfferExtendedStatus` of a ResaleAuthorization.

Type: ResaleAuthorizationOfferExtendedStatusFilter object

Required: No

ProductId

Allows filtering on the `ProductId` of a ResaleAuthorization.

Type: ResaleAuthorizationProductIdFilter object

Required: No

ProductName

Allows filtering on the `ProductName` of a ResaleAuthorization.

Type: ResaleAuthorizationProductNameFilter object

Required: No

ResellerAccountID

Allows filtering on the `ResellerAccountID` of a ResaleAuthorization.

Type: ResaleAuthorizationResellerAccountIDFilter object

Required: No

ResellerLegalName

Allows filtering on the `ResellerLegalName` of a ResaleAuthorization.

Type: ResaleAuthorizationResellerLegalNameFilter object

Required: No

ResellerRole

Allows filtering on the `ResellerRole` of a ResaleAuthorization.

Type: ResaleAuthorizationResellerRoleFilter object

Required: No

Status

Allows filtering on the `Status` of a ResaleAuthorization.

Type: ResaleAuthorizationStatusFilter object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationLastModifiedDateFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `LastModifiedDate` of a ResaleAuthorization.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

DateRange

Allows filtering on the `LastModifiedDate` of a ResaleAuthorization with date range as input.

Type: ResaleAuthorizationLastModifiedDateFilterDateRange object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationLastModifiedDateFilterDateRange

Service: AWS Marketplace Catalog Service

Allows filtering on the `LastModifiedDate` of a ResaleAuthorization with date range as input.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AfterValue

Allows filtering on the `LastModifiedDate` of a ResaleAuthorization after a date.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

BeforeValue

Allows filtering on the `LastModifiedDate` of a ResaleAuthorization before a date.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationManufacturerAccountIdFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `ManufacturerAccountId` of a ResaleAuthorization.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `ManufacturerAccountId` of a ResaleAuthorization with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Fixed length of 12.

Pattern: `^\d{12}$`

Required: No

WildCardValue

Allows filtering on the `ManufacturerAccountId` of a ResaleAuthorization with wild card input.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `^\d{12}$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationManufacturerLegalNameFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `ManufacturerLegalName` of a ResaleAuthorization.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `ManufacturerLegalName` of a ResaleAuthorization with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

WildCardValue

Allows filtering on the `ManufacturerLegalName` of a ResaleAuthorization with wild card input.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationNameFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `Name` of a ResaleAuthorization.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `Name` of a ResaleAuthorization with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

WildCardValue

Allows filtering on the `Name` of a ResaleAuthorization with wild card input.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationOfferExtendedStatusFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `OfferExtendedStatus` of a ResaleAuthorization.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `OfferExtendedStatus` of a ResaleAuthorization with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationProductIdFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `ProductId` of a ResaleAuthorization.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `ProductId` of a ResaleAuthorization with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

WildCardValue

Allows filtering on the `ProductId` of a ResaleAuthorization with wild card input.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationProductNameFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `ProductName` of a ResaleAuthorization.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `ProductName` of a ResaleAuthorization with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

WildCardValue

Allows filtering on the `ProductName` of a ResaleAuthorization with wild card input.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationResellerAccountIDFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `ResellerAccountID` of a ResaleAuthorization.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `ResellerAccountID` of a ResaleAuthorization with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Fixed length of 12.

Pattern: `^\d{12}$`

Required: No

WildCardValue

Allows filtering on the `ResellerAccountID` of a ResaleAuthorization with wild card input.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `^\d{12}$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationResellerLegalNameFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the ResellerLegalName of a ResaleAuthorization.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the ResellerLegalNameProductName of a ResaleAuthorization with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

WildCardValue

Allows filtering on the ResellerLegalName of a ResaleAuthorization with wild card input.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationResellerRoleFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `ResellerRole` of a ResaleAuthorization.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `ResellerRole` of a ResaleAuthorization with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Valid Values: `ChannelPartner | Distributor`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationSort

Service: AWS Marketplace Catalog Service

Allows to sort ResaleAuthorization.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

SortBy

Allows to sort ResaleAuthorization.

Type: String

Valid Values: `EntityId | Name | ProductId | ProductName | ManufacturerAccountId | ManufacturerLegalName | ResellerAccountID | ResellerLegalName | Status | OfferExtendedStatus | CreatedDate | AvailabilityEndDate | LastModifiedDate`

Required: No

SortOrder

Allows to sort ResaleAuthorization.

Type: String

Valid Values: `ASCENDING | DESCENDING`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationStatusFilter

Service: AWS Marketplace Catalog Service

Allows filtering on the `Status` of a ResaleAuthorization.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

Allows filtering on the `Status` of a ResaleAuthorization with list input.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Valid Values: `Draft | Active | Restricted`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ResaleAuthorizationSummary

Service: AWS Marketplace Catalog Service

Summarized information about a Resale Authorization.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AvailabilityEndDate

The availability end date of the ResaleAuthorization.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

CreatedDate

The created date of the ResaleAuthorization.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

ManufacturerAccountId

The manufacturer account ID of the ResaleAuthorization.

Type: String

Length Constraints: Fixed length of 12.

Pattern: ^\d{12}$

Required: No

ManufacturerLegalName

The manufacturer legal name of the ResaleAuthorization.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: ^(.)+$

Required: No

Name

The name of the ResaleAuthorization.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: ^(.)+$

Required: No

OfferExtendedStatus

The offer extended status of the ResaleAuthorization

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: ^(.)+$

Required: No

ProductId

The product ID of the ResaleAuthorization.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: ^(.)+$

Required: No

ProductName

The product name of the ResaleAuthorization.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: ^(.)+$

Required: No

ResellerAccountID

The reseller account ID of the ResaleAuthorization.

Type: String

Length Constraints: Fixed length of 12.

Pattern: ^\d{12}$

Required: No

ResellerLegalName

The reseller legal name of the ResaleAuthorization

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: ^(.)+$

Required: No

ResellerRole

The reseller role of the ResaleAuthorization.

Type: String

Valid Values: `ChannelPartner | Distributor`

Required: No

Status

The status of the ResaleAuthorization.

Type: String

Valid Values: `Draft | Active | Restricted`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SaaSProductEntityIdFilter

Service: AWS Marketplace Catalog Service

Object that allows filtering on entity id of a SaaS product.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

A string array of unique entity id values to be filtered on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SaaSProductFilters

Service: AWS Marketplace Catalog Service

Object containing all the filter fields for SaaS products. Client can add only one wildcard filter and a maximum of 8 filters in a single `ListEntities` request.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

EntityId

Unique identifier for the SaaS product.

Type: SaaSProductEntityIdFilter object

Required: No

LastModifiedDate

The last date on which the SaaS product was modified.

Type: SaaSProductLastModifiedDateFilter object

Required: No

ProductTitle

The title of the SaaS product.

Type: SaaSProductTitleFilter object

Required: No

Visibility

The visibility of the SaaS product.

Type: SaaSProductVisibilityFilter object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SaaSProductLastModifiedDateFilter

Service: AWS Marketplace Catalog Service

Object that allows filtering based on the last modified date of SaaS products

Contents

> **Note**
>
> In the following list, the required parameters are described first.

DateRange

Dates between which the SaaS product was last modified.

Type: SaaSProductLastModifiedDateFilterDateRange object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SaaSProductLastModifiedDateFilterDateRange

Service: AWS Marketplace Catalog Service

Object that contains date range of the last modified date to be filtered on. You can optionally provide a `BeforeValue` and/or `AfterValue`. Both are inclusive.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AfterValue

Date after which the SaaS product was last modified.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

BeforeValue

Date before which the SaaS product was last modified.

Type: String

Length Constraints: Fixed length of 20.

Pattern: `^([\d]{4})\-(1[0-2]|0[1-9])\-(3[01]|0[1-9]|[12][\d])T(2[0-3]|[01][\d]):([0-5][\d]):([0-5][\d])Z$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SaaSProductSort

Service: AWS Marketplace Catalog Service

Objects that allows sorting on SaaS products based on certain fields and sorting order.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

SortBy

Field to sort the SaaS products by.

Type: String

Valid Values: `EntityId | ProductTitle | Visibility | LastModifiedDate | DeliveryOptionTypes`

Required: No

SortOrder

The sorting order. Can be `ASCENDING` or `DESCENDING`. The default value is `DESCENDING`.

Type: String

Valid Values: `ASCENDING | DESCENDING`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SaaSProductSummary

Service: AWS Marketplace Catalog Service

Object that contains summarized information about a SaaS product.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ProductTitle

The title of the SaaS product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

Visibility

The lifecycle of the SaaS product.

Type: String

Valid Values: `Limited | Public | Restricted | Draft`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2

- AWS SDK for Ruby V3

SaaSProductTitleFilter

Service: AWS Marketplace Catalog Service

Object that allows filtering on product title.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

A string array of unique product title values to be filtered on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

WildCardValue

A string that will be the `wildCard` input for product tile filter. It matches the provided value as a substring in the actual value.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^(.)+$`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SaaSProductVisibilityFilter

Service: AWS Marketplace Catalog Service

Object that allows filtering on the visibility of the product in the AWS Marketplace.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ValueList

A string array of unique visibility values to be filtered on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Valid Values: `Limited | Public | Restricted | Draft`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Sort

Service: AWS Marketplace Catalog Service

An object that contains two attributes, `SortBy` and `SortOrder`.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

SortBy

For `ListEntities`, supported attributes include `LastModifiedDate` (default) and `EntityId`. In addition to `LastModifiedDate` and `EntityId`, each `EntityType` might support additional fields.

For `ListChangeSets`, supported attributes include `StartTime` and `EndTime`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z]+$`

Required: No

SortOrder

The sorting order. Can be `ASCENDING` or `DESCENDING`. The default value is `DESCENDING`.

Type: String

Valid Values: `ASCENDING | DESCENDING`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Tag

Service: AWS Marketplace Catalog Service

A list of objects specifying each key name and value.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

Key

The key associated with the tag.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `^([\p{L}\p{Z}\p{N}_.:/=+\-@]*)$`

Required: Yes

Value

The value associated with the tag.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: `^([\p{L}\p{Z}\p{N}_.:/=+\-@]*)$`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

ValidationExceptionField

Service: AWS Marketplace Catalog Service

Detailed information about a single request field that failed validation, including the field's location, the reason it failed, and a human-readable message.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

ChangeType

The change type the failing field applies to, if the field is part of a change request. For example, `AddDeliveryOptions`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[A-Z][\w]*$`

Required: No

EntityId

The entity identifier the failing field applies to, if the field is on a specific entity.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9][.a-zA-Z0-9/-]+[a-zA-Z0-9]$`

Required: No

EntityType

The entity type the failing field applies to, if the field is on a specific entity. For example, `AmiProduct@1.0`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z]+$`

Required: No

Field

The name of the request field that failed validation, expressed as a JSON path (for example, `Details.DeliveryOptions[0].Type`).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[a-zA-Z0-9\-_\.\/]+$`

Required: No

Message

A human-readable message describing why the field failed validation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^(.)+$`

Required: No

Reason

The reason the field failed validation.

Type: String

Valid Values: `UnknownOperation | CannotParse | FieldValidationFailed | Other`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AWS Marketplace Entitlement Service

The following data types are supported by AWS Marketplace Entitlement Service:

- Entitlement
- EntitlementValue

Entitlement

Service: AWS Marketplace Entitlement Service

An entitlement represents capacity in a product owned by the customer. For example, a customer might own some number of users or seats in an SaaS application or some amount of data capacity in a multi-tenant database.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

CustomerAWSAccountId

The `CustomerAWSAccountId` parameter specifies the AWS account ID of the buyer.

Type: String

Pattern: `\S+`

Required: No

CustomerIdentifier

The customer identifier is a handle to each unique customer in an application. Customer identifiers are obtained through the ResolveCustomer operation in AWS Marketplace Metering Service.

Type: String

Pattern: `\S+`

Required: No

Dimension

The dimension for which the given entitlement applies. Dimensions represent categories of capacity in a product and are specified when the product is listed in AWS Marketplace.

Type: String

Pattern: \S+

Required: No

ExpirationDate

The expiration date represents the minimum date through which this entitlement is expected to remain valid. For contractual products listed on AWS Marketplace, the expiration date is the date at which the customer will renew or cancel their contract. Customers who are opting to renew their contract will still have entitlements with an expiration date.

Type: Timestamp

Required: No

LicenseArn

The `LicenseArn` is a unique identifier for a specific granted license. These are used for software purchased through AWS Marketplace.

Type: String

Required: No

ProductCode

The product code for which the given entitlement applies. Product codes are provided by AWS Marketplace when the product listing is created.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: No

Value

The EntitlementValue represents the amount of capacity that the customer is entitled to for the product.

Type: EntitlementValue object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

EntitlementValue

Service: AWS Marketplace Entitlement Service

The EntitlementValue represents the amount of capacity that the customer is entitled to for the product.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

BooleanValue

The BooleanValue field will be populated with a boolean value when the entitlement is a boolean type. Otherwise, the field will not be set.

Type: Boolean

Required: No

DoubleValue

The DoubleValue field will be populated with a double value when the entitlement is a double type. Otherwise, the field will not be set.

Type: Double

Required: No

IntegerValue

The IntegerValue field will be populated with an integer value when the entitlement is an integer type. Otherwise, the field will not be set.

Type: Integer

Required: No

StringValue

The StringValue field will be populated with a string value when the entitlement is a string type. Otherwise, the field will not be set.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AWS Marketplace Agreement Service

The following data types are supported by AWS Marketplace Agreement Service:

- AcceptedTerm
- Acceptor
- AgreementCancellationRequestSummary
- AgreementEntitlement
- AgreementInvoiceLineItemGroupSummary
- AgreementViewSummary
- BatchCreateBillingAdjustmentError
- BatchCreateBillingAdjustmentItem
- BatchCreateBillingAdjustmentRequestEntry
- BillingAdjustmentSummary
- ByolPricingTerm
- Charge
- ChargeSummary
- ConfigurableUpfrontPricingTerm
- ConfigurableUpfrontPricingTermConfiguration
- ConfigurableUpfrontRateCardItem

- Constraints
- Dimension
- DocumentItem
- EndTimeBehavior
- Entitlement
- EstimatedCharges
- EstimatedTaxes
- ExpectedCharge
- Filter
- FixedPercentage
- FixedUpfrontPricingTerm
- FreeTrialPricingTerm
- GrantItem
- InvoiceBillingPeriod
- InvoicingEntity
- ItemizedCharge
- LegalTerm
- NetPaymentTerm
- PaymentRequestSummary
- PaymentScheduleEntry
- PaymentScheduleTerm
- PaymentScheduleTermTemplate
- PercentageRange
- PriceIncrease
- PricingCurrencyAmount
- ProposalSummary
- Proposer
- PurchaseOrder
- RateCardItem
- RecurringPaymentTerm

- RenewalSummary
- RenewalTerm
- RenewalTermConfiguration
- RequestedTerm
- RequestedTermConfiguration
- Resource
- ScheduleItem
- Selector
- Sort
- SupportTerm
- TaxBreakdownItem
- TaxConfiguration
- TermTemplate
- UsageBasedPricingTerm
- UsageBasedRateCardItem
- ValidationExceptionField
- ValidityTerm
- VariablePaymentTerm
- VariablePaymentTermConfiguration

AcceptedTerm

Service: AWS Marketplace Agreement Service

A subset of terms proposed by the proposer, which have been accepted by the acceptor as part of agreement creation.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

> **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

byolPricingTerm

Enables you and your customers to move your existing agreements to AWS Marketplace. The customer won't be charged for product usage in AWS Marketplace because they already paid for the product outside of AWS Marketplace.

Type: ByolPricingTerm object

Required: No

configurableUpfrontPricingTerm

Defines a prepaid payment model that allows buyers to configure the entitlements they want to purchase and the duration.

Type: ConfigurableUpfrontPricingTerm object

Required: No

fixedUpfrontPricingTerm

Defines a pre-paid pricing model where the customers are charged a fixed upfront amount.

Type: FixedUpfrontPricingTerm object

Required: No

freeTrialPricingTerm

Defines a short-term free pricing model where the buyers aren't charged anything within a specified limit.

Type: FreeTrialPricingTerm object

Required: No

legalTerm

Defines the list of text agreements proposed to the acceptors. An example is the end user license agreement (EULA).

Type: LegalTerm object

Required: No

netPaymentTerm

Defines the net payment due period for the agreement, specifying when payment is due after an invoice is issued.

Type: NetPaymentTerm object

Required: No

paymentScheduleTerm

Defines an installment-based pricing model where customers are charged a fixed price on different dates during the agreement validity period. This is used most commonly for flexible payment schedule pricing.

Type: PaymentScheduleTerm object

Required: No

recurringPaymentTerm

Defines a pricing model where customers are charged a fixed recurring price at the end of each billing period.

Type: RecurringPaymentTerm object

Required: No

renewalTerm

Defines that on graceful expiration of the agreement (when the agreement ends on its pre-defined end date), a new agreement will be created using the accepted terms on the existing agreement. In other words, the agreement will be renewed. Presence of `RenewalTerm` in the offer document means that auto-renewal is allowed. The acceptor will have the option to accept or decline auto-renewal at the offer acceptance/agreement creation. The acceptor can also change this flag from `True` to `False` or `False` to `True`, within the limits set by `LockoutPeriod` and `MaxRenewals`. Setting the flag to `True` doesn't by itself guarantee that the agreement renews, because the proposer can also opt out.

Type: RenewalTerm object

Required: No

supportTerm

Defines the customer support available for the acceptors when they purchase the software.

Type: SupportTerm object

Required: No

usageBasedPricingTerm

Defines a usage-based pricing model (typically, pay-as-you-go pricing), where the customers are charged based on product usage.

Type: UsageBasedPricingTerm object

Required: No

validityTerm

Defines the conditions that will keep an agreement created from this offer valid.

Type: ValidityTerm object

Required: No

variablePaymentTerm

Defines a payment model where sellers can submit variable payment requests up to a maximum charge amount, with configurable approval strategies and expiration timelines.

Type: VariablePaymentTerm object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Acceptor

Service: AWS Marketplace Agreement Service

The details of the party accepting the agreement terms. This is commonly the buyer for `PurchaseAgreement`.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

accountId

The AWS account ID of the acceptor.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `[0-9]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AgreementCancellationRequestSummary

Service: AWS Marketplace Agreement Service

Summary view of an agreement cancellation request.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

agreementCancellationRequestId

The unique identifier of the cancellation request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `acr-[a-zA-Z0-9]+`

Required: No

agreementId

The unique identifier of the agreement associated with this cancellation request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: No

agreementType

The type of agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z]+`

Required: No

catalog

The catalog in which the agreement was created.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9.-]+`

Required: No

createdAt

The date and time when the cancellation request was created.

Type: Timestamp

Required: No

reasonCode

The reason code provided for the cancellation.

Type: String

Valid Values: `INCORRECT_TERMS_ACCEPTED | REPLACING_AGREEMENT | TEST_AGREEMENT | ALTERNATIVE_PROCUREMENT_CHANNEL | PRODUCT_DISCONTINUED | UNINTENDED_RENEWAL | BUYER_DISSATISFACTION | OTHER`

Required: No

status

The current status of the cancellation request. Possible values include `PENDING_APPROVAL`, `APPROVED`, `REJECTED`, `CANCELLED`, and `VALIDATION_FAILED`.

Type: String

Valid Values: `PENDING_APPROVAL | APPROVED | REJECTED | CANCELLED | VALIDATION_FAILED`

Required: No

updatedAt

The date and time when the cancellation request was last updated.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AgreementEntitlement

Service: AWS Marketplace Agreement Service

Represents an entitlement associated with an agreement, including the provisioning status, resource, and type.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

licenseArn

The Amazon Resource Name (ARN) of the AWS License Manager license associated with the entitlement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `arn:aws[a-zA-Z-]*:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=,@.-]{0,1023}`

Required: No

registrationToken

A short-lived token required by acceptors to register their account with the product provider. The token is only valid for 30 minutes after creation and is only applicable for purchase agreements.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Pattern: `[A-Za-z0-9+/=.:_-]+`

Required: No

resource

The resource that the entitlement is provisioned to, such as a product.

Type: Resource object

Required: No

status

The current state of an entitlement.

Type: String

Valid Values: `PROVISIONED | SCHEDULED | PENDING | FAILED | DEPROVISIONED`

Required: No

statusReasonCode

Provides more information about the status of an entitlement.

Type: String

Valid Values: `PROVISIONING_IN_PROGRESS | FUTURE_START_DATE | INVALID_PAYMENT_INSTRUMENT | INCOMPATIBLE_CURRENCY | ACCOUNT_SUSPENDED | UNSUPPORTED_OPERATION | AGREEMENT_INACTIVE | AGREEMENT_ACTIVE | PRODUCT_RESTRICTED`

Required: No

type

The type of entitlement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z:]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AgreementInvoiceLineItemGroupSummary

Service: AWS Marketplace Agreement Service

A summary of grouped billing data for an agreement invoice line item.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

agreementId

The unique identifier of the agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: No

invoiceBillingPeriod

The billing period associated with this group.

Type: InvoiceBillingPeriod object

Required: No

invoiceId

The identifier of the invoice for this group.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: No

invoiceType

The type of invoice. Valid values are `INVOICE` and `CREDIT_MEMO`.

Type: String

Valid Values: `INVOICE | CREDIT_MEMO`

Required: No

invoicingEntity

The entity that issues the invoice.

Type: InvoicingEntity object

Required: No

issuedTime

The timestamp when the invoice containing this group was created.

Type: Timestamp

Required: No

pricingCurrencyAmount

Monetary amounts for this invoice group.

Type: PricingCurrencyAmount object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AgreementViewSummary

Service: AWS Marketplace Agreement Service

A summary of the agreement, including top-level attributes (for example, the agreement ID, proposer, and acceptor).

Contents

> **Note**
>
> In the following list, the required parameters are described first.

acceptanceTime

The date and time that the agreement was accepted.

Type: Timestamp

Required: No

acceptor

Details of the party accepting the agreement terms. This is commonly the buyer for `PurchaseAgreement`.

Type: Acceptor object

Required: No

agreementId

The unique identifier of the agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: No

agreementType

The type of agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z]+`

Required: No

endTime

The date and time when the agreement ends. The field is `null` for pay-as-you-go agreements, which don't have end dates.

Type: Timestamp

Required: No

endTimeBehaviorReasonCode

The reason why the agreement doesn't renew at its end date. The field is `null` when the agreement renews.

More than one reason can apply to the same agreement. When that happens, the operation returns only one reason code, and `PROPOSER_RENEW_OPTED_OUT` takes precedence over all others.

The `EnableAutoRenew` field reflects only the acceptor's preference, and doesn't reflect the other reasons an agreement might not renew.

Reason codes include:

- `PROPOSER_RENEW_OPTED_OUT` – The proposer opted out of renewing the agreement.
- `ACCEPTOR_RENEW_OPTED_OUT` – The acceptor opted out of renewing the agreement.
- `NO_RENEWAL_TERM` – The accepted terms of the agreement don't include a renewal term, which is required for an agreement to renew.
- `RENEWAL_LIMIT_EXHAUSTED` – The agreement reached the maximum number of renewals allowed by its renewal term.

Type: String

Valid Values: `PROPOSER_RENEW_OPTED_OUT | ACCEPTOR_RENEW_OPTED_OUT | NO_RENEWAL_TERM | RENEWAL_LIMIT_EXHAUSTED`

Required: No

endTimeBehaviorType

The behavior of the agreement when it reaches its end date. The field is `null` for agreements that have no end date, because those agreements never reach an end time.

Types include:

- `RENEW` – A new agreement is created from the accepted terms of this agreement.
- `REPLACE` – A new agreement is created from a different offer than the one this agreement was created from. This happens, for example, when a private offer reaches its end date and the acceptor transitions to the public offer for the product.
- `EXPIRE` – The agreement ends and isn't renewed or replaced.

Type: String

Valid Values: `RENEW | REPLACE | EXPIRE`

Required: No

entitlements

A list of entitlements associated with the agreement.

Type: Array of Entitlement objects

Required: No

initialAgreementId

The unique identifier of the very first agreement in a chain of related agreements, such as renewals or replacements. It stays the same across all agreements in that chain, which lets you trace an agreement back to the original. You can also use it as the `InitialAgreementId` filter value to return every agreement in the same chain.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: No

lastUpdateTime

The date and time when the agreement was last updated. An agreement is updated when any of its attributes or accepted terms change. Amendments, renewals, and a party changing whether the agreement renews are all examples.

Use the `BeforeLastUpdateTime` and `AfterLastUpdateTime` filters to search on this value, and `LastUpdateTime` as the `SortBy` value to sort by it. Sorting by `LastUpdateTime` is supported only when `PartyType` is `Proposer`.

Type: Timestamp

Required: No

proposalSummary

A summary of the proposal

Type: ProposalSummary object

Required: No

proposer

Details of the party proposing the agreement terms, most commonly the seller for `PurchaseAgreement`.

Type: Proposer object

Required: No

startTime

The date and time when the agreement starts.

Type: Timestamp

Required: No

status

The current status of the agreement.

Type: String

Valid Values: `ACTIVE | ARCHIVED | CANCELLED | EXPIRED | RENEWED | REPLACED | ROLLED_BACK | SUPERSEDED | TERMINATED`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

BatchCreateBillingAdjustmentError

Service: AWS Marketplace Agreement Service

An error for a billing adjustment request entry that failed validation.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

clientToken

The client token of the request entry that failed.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

Required: Yes

code

The error code indicating the reason for failure.

Type: String

Valid Values: `CONFLICT_EXCEPTION | VALIDATION_EXCEPTION | RESOURCE_NOT_FOUND_EXCEPTION | INTERNAL_FAILURE`

Required: Yes

message

A human-readable message describing the error.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

BatchCreateBillingAdjustmentItem

Service: AWS Marketplace Agreement Service

A successfully created billing adjustment request item.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

billingAdjustmentRequestId

The unique identifier of the created billing adjustment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `ba-[a-zA-Z0-9]+`

Required: Yes

clientToken

The client token provided in the corresponding request entry.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

BatchCreateBillingAdjustmentRequestEntry

Service: AWS Marketplace Agreement Service

An individual entry in a batch billing adjustment request, specifying the invoice and adjustment details.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

adjustmentAmount

The adjustment amount as a string representation of a decimal number in the currency of the invoice.

Type: String

Pattern: `[0-9]*(\.[0-9]{0,8})?`

Required: Yes

adjustmentReasonCode

The reason code for the billing adjustment.

Type: String

Valid Values: `INCORRECT_TERMS_ACCEPTED | INCORRECT_METERING | TEST_ENVIRONMENT_CHARGES | ALTERNATIVE_PROCUREMENT_CHANNEL | UNINTENDED_RENEWAL | BUYER_DISSATISFACTION | OTHER`

Required: Yes

agreementId

The unique identifier of the agreement associated with the invoice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9-]+`

Required: Yes

currencyCode

The 3-letter ISO 4217 currency code for the adjustment amount. Must match the currency code of the offer associated with the agreement (e.g., USD).

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

Required: Yes

originalInvoiceId

The identifier of the original invoice to adjust.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: Yes

description

An optional detailed description of the adjustment reason.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 500.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

BillingAdjustmentSummary

Service: AWS Marketplace Agreement Service

Summary view of a billing adjustment request.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

adjustmentAmount

The adjustment amount as a string representation of a decimal number.

Type: String

Pattern: `[0-9]*(\.[0-9]{0,8})?`

Required: Yes

agreementId

The unique identifier of the agreement associated with this billing adjustment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

agreementType

The type of agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z]+`

Required: Yes

billingAdjustmentRequestId

The unique identifier of the billing adjustment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `ba-[a-zA-Z0-9]+`

Required: Yes

catalog

The catalog in which the agreement was created.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9.-]+`

Required: Yes

createdAt

The date and time when the billing adjustment request was created.

Type: Timestamp

Required: Yes

currencyCode

The currency code for the adjustment amount.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

Required: Yes

originalInvoiceId

The identifier of the original invoice being adjusted.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: Yes

status

The current status of the billing adjustment request.

Type: String

Valid Values: `PENDING | VALIDATION_FAILED | COMPLETED`

Required: Yes

updatedAt

The date and time when the billing adjustment request was last updated.

Type: Timestamp

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ByolPricingTerm

Service: AWS Marketplace Agreement Service

Enables you and your customers to move your existing agreements to AWS Marketplace. The customer won't be charged for product usage in AWS Marketplace because they already paid for the product outside of AWS Marketplace.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

id

The unique identifier for the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: No

type

Type of the term being updated.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `[A-Za-z]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Charge

Service: AWS Marketplace Agreement Service

Represents a charge associated with an agreement, including amount, timing, and purchase order details.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

agreementId

The unique identifier of the agreement that resulted in this charge.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: No

agreementType

The type of agreement that resulted in this charge (for example, `PurchaseAgreement`).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z]+`

Required: No

amount

The amount of the charge.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

currencyCode

The currency code for the charge amount.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

Required: No

id

The unique identifier of the charge.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: No

purchaseOrderReference

The purchase order reference associated with the charge, if any.

Type: String

Length Constraints: Minimum length of 1.

Required: No

revision

The revision number of the charge.

Type: Long

Valid Range: Minimum value of 1.

Required: No

time

The date and time when the charge will be incurred. This is available only when the charge date is known.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ChargeSummary

Service: AWS Marketplace Agreement Service

The `ChargeSummary` provides a detailed breakdown of charges that are associated with an agreement request. This is applicable only when a request is created for a `PurchaseAgreement`.

> **Note**
>
> Tax and invoicing fields (such as `estimatedTaxes`, `amountAfterTax`, `newAgreementValueAfterTax`, and `invoicingEntity`) are returned on a best-effort basis and do not cause the request to fail if unavailable.
> A `null` tax amount can have two meanings:
>
> - Tax estimation was unavailable at the time of the request.
> - The charge timing is `BILLING_PERIOD`, so the charge amount is not determined at request time. In this case, the tax breakdown may still include the tax `rate` and `type`.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

currencyCode

The three-letter currency code for all charges (e.g., USD).

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

Required: No

estimatedTaxes

Provides an aggregated view of estimated tax information for the agreement.

Type: EstimatedTaxes object

Required: No

expectedCharges

A list of expected charges for the agreement request.

Type: Array of ExpectedCharge objects

Required: No

invoicingEntity

The entity responsible for issuing the invoice.

Type: InvoicingEntity object

Required: No

itemizedCharges

An itemized list of charges for the agreement request.

Type: Array of ItemizedCharge objects

Required: No

newAgreementValue

The total value of the agreement, which includes any amendments.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

newAgreementValueAfterTax

Expected new agreement value after estimated taxes are applied.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ConfigurableUpfrontPricingTerm

Service: AWS Marketplace Agreement Service

Defines a prepaid payment model that allows buyers to configure the entitlements they want to purchase and the duration.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

configuration

Additional parameters specified by the acceptor while accepting the term.

Type: ConfigurableUpfrontPricingTermConfiguration object

Required: No

currencyCode

Defines the currency for the prices mentioned in the term.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

Required: No

id

The unique identifier of the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: No

rateCards

A rate card defines the per unit rates for product dimensions.

Type: Array of ConfigurableUpfrontRateCardItem objects

Required: No

type

Category of selector.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `[A-Za-z]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ConfigurableUpfrontPricingTermConfiguration

Service: AWS Marketplace Agreement Service

Defines a prepaid payment model that allows buyers to configure the entitlements they want to purchase and the duration.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

dimensions

Defines the dimensions that the acceptor has purchased from the overall set of dimensions presented in the rate card.

Type: Array of Dimension objects

Array Members: Minimum number of 1 item.

Required: Yes

selectorValue

Defines the length of time for which the particular pricing/dimension is being purchased by the acceptor.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ConfigurableUpfrontRateCardItem

Service: AWS Marketplace Agreement Service

Within the prepaid payment model defined under `ConfigurableUpfrontPricingTerm`, the `RateCardItem` defines all the various rate cards (including pricing and dimensions) that have been proposed.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

constraints

Defines limits on how the term can be configured by acceptors.

Type: Constraints object

Required: No

rateCard

Defines the per unit rates for product dimensions.

Type: Array of RateCardItem objects

Required: No

selector

Differentiates between the mutually exclusive rate cards in the same pricing term to be selected by the buyer.

Type: Selector object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Constraints

Service: AWS Marketplace Agreement Service

Defines limits on how the term can be configured by acceptors.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

multipleDimensionSelection

Determines if buyers are allowed to select multiple dimensions in the rate card. The possible values are `Allowed` and `Disallowed`. The default value is `Allowed`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

quantityConfiguration

Determines if acceptors are allowed to configure quantity for each dimension in rate card. The possible values are `Allowed` and `Disallowed`. The default value is `Allowed`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Dimension

Service: AWS Marketplace Agreement Service

Defines the dimensions that the acceptor has purchased from the overall set of dimensions presented in the rate card.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

dimensionKey

The name of key value of the dimension.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: Yes

dimensionValue

The number of units of the dimension the acceptor has purchased.

> **Note**
>
> For Agreements with `ConfigurableUpfrontPricingTerm`, the `RateCard` section will define the prices and dimensions defined by the seller (proposer), whereas the `Configuration` section will define the actual dimensions, prices, and units the buyer has chosen to accept.

Type: Integer

Valid Range: Minimum value of 0.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

DocumentItem

Service: AWS Marketplace Agreement Service

Includes the list of references to legal resources proposed by the proposer to the acceptor. Each `DocumentItem` refers to an individual reference.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

type

Category of the document. Document types include:

- `CustomEula` – A custom EULA provided by you as seller. A URL for a EULA stored in an accessible Amazon S3 bucket is required for this document type.
- `CustomDsa` – A custom Data Subscription Agreement (DSA) provided by you as seller. A URL for a DSA stored in an accessible Amazon S3 bucket is required for this document type.
- `StandardEula` – The Standard Contract for AWS Marketplace (SCMP). For more information about SCMP, see the AWS Marketplace Seller Guide. You don't provide a URL for this type because it's managed by AWS Marketplace.
- `StandardDsa` – DSA for AWS Marketplace. For more information about the DSA, see the AWS Data Exchange User Guide. You don't provide a URL for this type because it's managed by AWS Marketplace.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

url

A URL to the legal document for buyers to read. Required when `Type` is `CustomEula`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

version

Version of standard contracts provided by AWS Marketplace. Required when Type is `StandardEula` or `StandardDsa`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

EndTimeBehavior

Service: AWS Marketplace Agreement Service

The behavior of an agreement when it reaches its end date. For example, whether the agreement renews, and if it doesn't, the reason why.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

type

The behavior of the agreement when it reaches its end date.

Types include:

- `RENEW` – A new agreement is created from the accepted terms of this agreement.
- `REPLACE` – A new agreement is created from a different offer than the one this agreement was created from. This happens, for example, when a private offer reaches its end date and the acceptor transitions to the public offer for the product.
- `EXPIRE` – The agreement ends and isn't renewed or replaced.

Type: String

Valid Values: `RENEW | REPLACE | EXPIRE`

Required: Yes

reasonCode

The reason why the agreement doesn't renew at its end date. The field is `null` when the agreement renews.

More than one reason can apply to the same agreement. When that happens, the operation returns only one reason code, and `PROPOSER_RENEW_OPTED_OUT` takes precedence over all others.

The `EnableAutoRenew` field reflects only the acceptor's preference, and doesn't reflect the other reasons an agreement might not renew.

Reason codes include:

- PROPOSER_RENEW_OPTED_OUT – The proposer opted out of renewing the agreement.
- ACCEPTOR_RENEW_OPTED_OUT – The acceptor opted out of renewing the agreement.
- NO_RENEWAL_TERM – The accepted terms of the agreement don't include a renewal term, which is required for an agreement to renew.
- RENEWAL_LIMIT_EXHAUSTED – The agreement reached the maximum number of renewals allowed by its renewal term.

Type: String

Valid Values: PROPOSER_RENEW_OPTED_OUT | ACCEPTOR_RENEW_OPTED_OUT | NO_RENEWAL_TERM | RENEWAL_LIMIT_EXHAUSTED

Required: No

renewalSummary

The details of the renewal that applies at the end date of the agreement. This field is present when Type is RENEW. It is also present when ReasonCode is PROPOSER_RENEW_OPTED_OUT or ACCEPTOR_RENEW_OPTED_OUT. In those cases, it identifies the offer that the agreement would otherwise have renewed from. The field is null in all other cases.

Type: RenewalSummary object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Entitlement

Service: AWS Marketplace Agreement Service

Represents an entitlement associated with an agreement.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

licenseArn

The Amazon Resource Name (ARN) of the AWS License Manager license associated with the entitlement.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

EstimatedCharges

Service: AWS Marketplace Agreement Service

Estimated cost of the agreement.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

agreementValue

The total known amount customer has to pay across the lifecycle of the agreement.

> **Note**
>
> This is the total contract value if accepted terms contain `ConfigurableUpfrontPricingTerm` or `FixedUpfrontPricingTerm`. In the case of pure contract pricing, this will be the total value of the contract. In the case of contracts with consumption pricing, this will only include the committed value and not include any overages that occur.
> If the accepted terms contain `PaymentScheduleTerm`, it will be the total payment schedule amount. This occurs when flexible payment schedule is used, and is the sum of all invoice charges in the payment schedule.
> In case a customer has amended an agreement, by purchasing more units of any dimension, this will include both the original cost as well as the added cost incurred due to addition of new units.
> This is `0` if the accepted terms contain `UsageBasedPricingTerm` without `ConfigurableUpfrontPricingTerm` or `RecurringPaymentTerm`. This occurs for usage-based pricing (such as SaaS metered or AMI/container hourly or monthly), because the exact usage is not known upfront.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: No

currencyCode

Defines the currency code for the charge.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

EstimatedTaxes

Service: AWS Marketplace Agreement Service

Provides an aggregated view of estimated tax information.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

breakdown

A list of tax breakdown information.

Type: Array of TaxBreakdownItem objects

Required: No

totalAmount

The total amount of tax aggregated from the tax breakdown.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ExpectedCharge

Service: AWS Marketplace Agreement Service

Estimated charge for the request.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

amount

The tax-exclusive amount of the charge. Only available when the charge amount is known.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

amountAfterTax

The tax-inclusive amount the acceptor has to pay. The amount is only present for fixed charges.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

estimatedTaxes

Provides an aggregated view of estimated tax information for this specific charge.

Type: EstimatedTaxes object

Required: No

id

Unique identifier of the charge for a given agreement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: No

time

The date and time when the charge is due to be invoiced. This is available only when the charge date is known.

Type: Timestamp

Required: No

timing

Indicates when the charge amount will be incurred. Values include `ON_ACCEPTANCE` (charged immediately when the agreement request is accepted), `BILLING_PERIOD` (charged on each billing period), and `SCHEDULED` (charged at a predetermined future date).

Type: String

Valid Values: `ON_ACCEPTANCE | SCHEDULED | BILLING_PERIOD`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Filter

Service: AWS Marketplace Agreement Service

The filter name and value pair that is used to return a more specific list of results. Filters can be used to match a set of resources by various criteria, such as `offerId` or `productId`.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

name

The name of the filter.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: `[A-Za-z_]+`

Required: No

values

The filter value.

Type: Array of strings

Array Members: Fixed number of 1 item.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9.,+:/_-]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

FixedPercentage

Service: AWS Marketplace Agreement Service

A fixed price increase that is applied each time the agreement renews.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

value

The percentage by which the price increases at each renewal, from `0.00` to `100.00` with up to two decimal places. A value of `0.00` means that the agreement renews at the same price.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 6.

Pattern: `(100(\.0{1,2})?|[1-9]\d?(\.\d{1,2})?|0(\.\d{1,2})?)`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

FixedUpfrontPricingTerm

Service: AWS Marketplace Agreement Service

Defines a prepaid pricing model where the customers are charged a fixed upfront amount.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

currencyCode

Defines the currency for the prices mentioned in this term.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

Required: No

duration

Contract duration for the terms.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

grants

Entitlements granted to the acceptor of fixed upfront as part of agreement execution.

Type: Array of GrantItem objects

Required: No

id

The unique identifier for the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: No

price

Fixed amount to be charged to the customer when this term is accepted.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

type

Category of the term being updated.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `[A-Za-z]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2

- AWS SDK for Ruby V3

FreeTrialPricingTerm

Service: AWS Marketplace Agreement Service

Defines a short-term free pricing model where the buyers aren't charged anything within a specified limit.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

duration

Duration of the free trial period (5–31 days).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

grants

Entitlements granted to the acceptor of a free trial as part of an agreement execution.

Type: Array of GrantItem objects

Required: No

id

The unique identifier for the terms.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: No

type

Category of the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `[A-Za-z]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

GrantItem

Service: AWS Marketplace Agreement Service

Entitlements granted to the acceptor of fixed upfront as part of agreement execution.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

dimensionKey

Unique dimension key defined in the product document. Dimensions represent categories of capacity in a product and are specified when the product is listed in AWS Marketplace.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

maxQuantity

Maximum amount of capacity that the buyer can be entitled to the given dimension of the product. If `MaxQuantity` is not provided, the buyer will be able to use an unlimited amount of the given dimension.

Type: Integer

Valid Range: Minimum value of 1.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

InvoiceBillingPeriod

Service: AWS Marketplace Agreement Service

The billing period for an invoice, specified by month and year.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

month

The billing period month. Valid range: 1-12.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 12.

Required: Yes

year

The billing period year.

Type: Integer

Valid Range: Minimum value of 2023. Maximum value of 2050.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

InvoicingEntity

Service: AWS Marketplace Agreement Service

The entity responsible for issuing the invoice.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

branchName

The branch where the issuing entity is operating from.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: No

legalName

Legal name of the entity issuing the invoice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

ItemizedCharge

Service: AWS Marketplace Agreement Service

A breakdown of individual charges or line items within a billing or pricing context.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

chargeReference

The identifier of the expected charge that this itemized charge contributes to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: No

dimensionKey

The dimension key as specified in the accepted term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

incrementalChargeAmount

The total incremental charge amount for this dimension.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: No

newQuantity

The requested quantity for this dimension.

Type: Integer

Required: No

oldQuantity

The existing quantity for this dimension from the source agreement. This value is `0` for NEW intent.

Type: Integer

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

LegalTerm

Service: AWS Marketplace Agreement Service

Defines the list of text agreements proposed to the acceptors. An example is the end user license agreement (EULA).

Contents

> **Note**
>
> In the following list, the required parameters are described first.

documents

List of references to legal resources proposed to the buyers. An example is the EULA.

Type: Array of DocumentItem objects

Required: No

id

The unique identifer for the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: No

type

Category of the term being updated.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `[A-Za-z]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

NetPaymentTerm

Service: AWS Marketplace Agreement Service

Defines the net payment due period for the agreement, specifying when payment is due after an invoice is issued.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

id

The unique identifier for the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: No

paymentDuePeriod

The duration after an invoice is issued within which the payment is due. The duration is represented in the ISO 8601 format (for example, `P30D` for 30 days or `P60D` for 60 days).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

type

Type of the term being updated.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `[A-Za-z]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PaymentRequestSummary

Service: AWS Marketplace Agreement Service

Summary view of a payment request.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

agreementId

The unique identifier of the agreement associated with this payment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: No

chargeAmount

The amount charged or to be charged to the buyer.

Type: String

Pattern: `[0-9]*(\.[0-9]{0,8})?`

Required: No

chargeId

The unique identifier of the charge created after the payment request is approved. This field is only present for approved payment requests.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `ch-[a-zA-Z0-9]+`

Required: No

createdAt

The date and time when the payment request was created.

Type: Timestamp

Required: No

currencyCode

The currency code for the charge amount.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

Required: No

name

The descriptive name of the payment request.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 64.

Pattern: `.+`

Required: No

paymentRequestId

The unique identifier of the payment request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `pr-[a-zA-Z0-9]+`

Required: No

status

The current status of the payment request. Possible values include `VALIDATING`, `VALIDATION_FAILED`, `PENDING_APPROVAL`, `APPROVED`, `REJECTED`, and `CANCELLED`.

Type: String

Valid Values: `VALIDATING | VALIDATION_FAILED | PENDING_APPROVAL | APPROVED | REJECTED | CANCELLED`

Required: No

updatedAt

The date and time when the payment request was last updated.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PaymentScheduleEntry

Service: AWS Marketplace Agreement Service

A single installment in a payment schedule template. Because the start date of the renewed agreement isn't known when the offer is created, the charge date of each installment is expressed as an offset from that start date rather than as an absolute date.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

chargeDateOffset

The time between the start date of the renewed agreement and the date this installment is charged. The duration is represented in the ISO 8601 format in either whole months or whole days (for example, `P1M` for 1 month or `P30D` for 30 days). All installments in a schedule use the same unit.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 6.

Pattern: `P(\d{1,4}M|\d{1,4}D)`

Required: No

chargePercentage

The percentage of the total contract value of the renewed agreement that is charged in this installment. Valid values range from `0.01` to `100.00`, with up to two decimal places.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 6.

Pattern: `(100(\.0{1,2})?|[1-9]\d?(\.\d{1,2})?|0\.(0[1-9]|[1-9]\d?))`

Required: No

dayOfMonth

The day of the month on which this installment is charged, from 1 to 31. Use this field to anchor the charge to a specific calendar day within the month identified by `ChargeDateOffset`. This field is supported only when `ChargeDateOffset` is expressed in months.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 31.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PaymentScheduleTerm

Service: AWS Marketplace Agreement Service

Defines an installment-based pricing model where customers are charged a fixed price on different dates during the agreement validity period. This is used most commonly for flexible payment schedule pricing.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

currencyCode

Defines the currency for the prices mentioned in the term.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

Required: No

id

The unique identifier for the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: No

schedule

List of the payment schedule where each element defines one installment of payment. It contains the information necessary for calculating the price.

Type: Array of ScheduleItem objects

Required: No

type

Type of the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `[A-Za-z]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PaymentScheduleTermTemplate

Service: AWS Marketplace Agreement Service

Defines the payment schedule that is applied to the renewed agreement.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

schedule

The installments that make up the payment schedule of the renewed agreement. The `ChargePercentage` values of all installments add up to `100`.

Type: Array of PaymentScheduleEntry objects

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PercentageRange

Service: AWS Marketplace Agreement Service

A range of price increase percentages that the proposer can choose from before the adjustment deadline of the agreement.

`MinValue` will be less than `MaxValue`, and `DefaultValue` will fall within the range.
When the proposer authorizes a single percentage instead of a range, `PriceIncrease` is a `FixedPercentage` rather than a `PercentageRange`.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

defaultValue

The percentage that is applied if the proposer doesn't choose a value before the adjustment deadline. Valid values range from `0.00` to `100.00`, with up to two decimal places.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 6.

Pattern: `(100(\.0{1,2})?|[1-9]\d?(\.\d{1,2})?|0(\.\d{1,2})?)`

Required: No

maxValue

The highest percentage that the proposer can choose, from `0.00` to `100.00` with up to two decimal places.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 6.

Pattern: `(100(\.0{1,2})?|[1-9]\d?(\.\d{1,2})?|0(\.\d{1,2})?)`

Required: No

minValue

The lowest percentage that the proposer can choose, from `0.00` to `100.00` with up to two decimal places.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 6.

Pattern: `(100(\.0{1,2})?|[1-9]\d?(\.\d{1,2})?|0(\.\d{1,2})?)`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PriceIncrease

Service: AWS Marketplace Agreement Service

The price increase that is applied each time the agreement renews. Exactly one of the following fields is set.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

> **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

fixedPercentage

A fixed price increase percentage that is applied at each renewal.

Type: FixedPercentage object

Required: No

percentageRange

A range of price increase percentages that the proposer can choose from before the adjustment deadline of the agreement.

Type: PercentageRange object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PricingCurrencyAmount

Service: AWS Marketplace Agreement Service

Monetary amounts associated with an invoice line item group.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

amount

The monetary amount before tax.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

currencyCode

The 3-letter ISO 4217 currency code (e.g., USD, EUR, JPY).

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

Required: No

maxAdjustmentAmount

The maximum refundable amount as a string representation of a decimal number.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ProposalSummary

Service: AWS Marketplace Agreement Service

A summary of the proposal received from the proposer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

offerId

The unique identifier of the offer in AWS Marketplace.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `\S{1,64}`

Required: No

offerSetId

A unique identifier for the offer set containing this offer. All agreements created from offers in this set include this identifier as context.

Type: String

Pattern: `\S{1,50}`

Required: No

resources

The list of resources involved in the agreement.

Type: Array of Resource objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Proposer

Service: AWS Marketplace Agreement Service

Details of the party proposing the agreement terms,. This is commonly the seller for `PurchaseAgreement`.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

accountId

The AWS account ID of the proposer.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `[0-9]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PurchaseOrder

Service: AWS Marketplace Agreement Service

Contains information about a purchase order association to a charge within an agreement.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

chargeId

The unique identifier of the charge to associate the purchase order with.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: Yes

agreementId

The unique identifier of the agreement associated with this charge.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: No

chargeRevision

The revision of the charge.

Type: Long

Valid Range: Minimum value of 1.

Required: No

purchaseOrderReference

The purchase order reference to associate with the charge.

Type: String

Length Constraints: Minimum length of 1.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RateCardItem

Service: AWS Marketplace Agreement Service

Defines the per unit rates for each individual product dimension.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

dimensionKey

Dimension for which the given entitlement applies. Dimensions represent categories of capacity in a product and are specified when the product is listed in AWS Marketplace.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

price

Per unit price for the product dimension that's used for calculating the amount to be charged.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RecurringPaymentTerm

Service: AWS Marketplace Agreement Service

Defines a pricing model where customers are charged a fixed recurring price at the end of each billing period.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

billingPeriod

Defines the recurrence at which buyers are charged.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

currencyCode

Defines the currency for the prices mentioned in this term.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

Required: No

id

The unique identifier for the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: No

price

Amount charged to the buyer every billing period.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

type

Type of the term being updated.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `[A-Za-z]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RenewalSummary

Service: AWS Marketplace Agreement Service

The details of the renewal that applies at the end date of an agreement.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

offerId

The unique identifier of the offer that provides the terms for the next renewal cycle. For most renewals, this is the same offer that the agreement was created from.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `\S{1,64}`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RenewalTerm

Service: AWS Marketplace Agreement Service

Defines that on graceful expiration of the agreement (when the agreement ends on its pre-defined end date), a new agreement will be created using the accepted terms on the existing agreement. In other words, the agreement will be renewed. Presence of `RenewalTerm` in the offer document means that auto-renewal is allowed. The acceptor will have the option to accept or decline auto-renewal at the offer acceptance/agreement creation. The acceptor can also change this flag from `True` to `False` or `False` to `True`, within the limits set by `LockoutPeriod` and `MaxRenewals`. Setting the flag to `True` doesn't by itself guarantee that the agreement renews, because the proposer can also opt out.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

adjustmentDeadline

The date by which the proposer must finalize the price increase for the next renewal, measured back from the end date of the agreement. The duration is represented in the ISO 8601 format in whole days (for example, `P30D` for 30 days or `P60D` for 60 days).

This field applies only when `PriceIncrease` is a `PercentageRange`. The field is `null` when `PriceIncrease` is a `FixedPercentage`, because the price increase is already fixed and there is nothing for the proposer to finalize. If the proposer doesn't finalize a value by the adjustment deadline, the `DefaultValue` of the range applies.

`AdjustmentDeadline` must be greater than `LockoutPeriod`.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 9.

Pattern: `P([1-9]\d{0,6}D)`

Required: No

configuration

Additional parameters specified by the acceptor while accepting the term.

Type: RenewalTermConfiguration object

Required: No

id

The unique identifier for the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: No

lockoutPeriod

The renewal decision deadline, measured back from the end date of the agreement. This is the last day either party can opt in to or opt out of the renewal. The duration is represented in the ISO 8601 format in whole days (for example, `P30D` for 30 days or `P60D` for 60 days).

The field is `null` when no renewal decision deadline is set. In that case, either party can change the auto-renewal decision up to the end date of the agreement.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 9.

Pattern: `P([1-9]\d{0,6}D)`

Required: No

maxRenewals

The maximum number of times the agreement can be renewed. The field is `null` when the number of renewals is unlimited.

After the agreement reaches this limit, it expires on its end date instead of renewing.

Type: Integer

Valid Range: Minimum value of 1.

Required: No

priceIncrease

The price increase that is applied each time the agreement renews. The field is `null` when the price doesn't change at renewal.

Type: PriceIncrease object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

termTemplates

Defines how specific terms change each time the agreement renews. The field is `null` when no terms change at renewal.

Type: Array of TermTemplate objects

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Required: No

type

Category of the term being updated.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `[A-Za-z]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

RenewalTermConfiguration

Service: AWS Marketplace Agreement Service

Additional parameters specified by the acceptor while accepting the term.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

enableAutoRenew

Defines whether the acceptor has chosen to auto-renew the agreement when it reaches its end date. Can be set to `True` or `False`. The acceptor can change this value within the limits set by `LockoutPeriod` and `MaxRenewals`.

Type: Boolean

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RequestedTerm

Service: AWS Marketplace Agreement Service

Defines what is being accepted as part of the agreement creation or update request, and it includes their configurations.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

id

The unique identifier of the term in the agreement proposal.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: Yes

configuration

Additional configuration for the requested terms. This configuration is applicable only to the terms that accept a customer-provided configuration, such as `ConfigurableUpfrontPricingTerm`.

Type: RequestedTermConfiguration object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RequestedTermConfiguration

Service: AWS Marketplace Agreement Service

A tagged union that represents the term configuration provided by the acceptor. Only one configuration is accepted per term.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

> **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

configurableUpfrontPricingTermConfiguration

Defines a prepaid payment model that allows buyers to configure the entitlements they want to purchase and the duration.

Type: ConfigurableUpfrontPricingTermConfiguration object

Required: No

renewalTermConfiguration

Additional parameters specified by the acceptor while accepting the term.

Type: RenewalTermConfiguration object

Required: No

variablePaymentTermConfiguration

Additional parameters specified by the acceptor while accepting the variable payment term.

Type: VariablePaymentTermConfiguration object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Resource

Service: AWS Marketplace Agreement Service

The list of resources involved in the agreement.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

id

The unique identifier of the resource.

> **Note**
>
> We mention the term resource, which is most commonly a product, so a `resourceId` is also a `productId`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: No

type

Type of the resource, which is the product (for example, `SaaSProduct`, `AmiProduct`, `ContainerProduct`).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ScheduleItem

Service: AWS Marketplace Agreement Service

An individual installment of the payment that includes the date and amount of the charge.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

chargeAmount

The price that the customer would pay on the scheduled date (chargeDate).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

chargeDate

The date that the customer would pay the price defined in this payment schedule term. Invoices are generated on the date provided.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Selector

Service: AWS Marketplace Agreement Service

Differentiates between the mutually exclusive rate cards in the same pricing term to be selected by the buyer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

type

Category of selector.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

value

Contract duration. This field supports the ISO 8601 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Sort

Service: AWS Marketplace Agreement Service

An object that contains the `SortBy` and `SortOrder` attributes.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

sortBy

The attribute on which the data is grouped, which can be `EndTime`, `StartTime`, or `LastUpdateTime`. `StartTime` and `LastUpdateTime` are supported only when `PartyType` is `Proposer`. The default value is `EndTime`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[A-Za-z_]+`

Required: No

sortOrder

The sorting order, which can be `ASCENDING` or `DESCENDING`. The default value is `ASCENDING`.

Type: String

Valid Values: `ASCENDING | DESCENDING`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

SupportTerm

Service: AWS Marketplace Agreement Service

Defines the customer support available for the acceptors when they purchase the software.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

id

The unique identifier for the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: No

refundPolicy

Free-text field about the refund policy description that will be shown to customers as is on the website and console.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

type

Category of the term being updated.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `[A-Za-z]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

TaxBreakdownItem

Service: AWS Marketplace Agreement Service

Represents a single tax breakdown entry with amount, rate, and type.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

amount

The estimated tax amount.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

rate

The tax rate, in decimals.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

type

The type of tax (for example, VAT, ST, or GST).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

TaxConfiguration

Service: AWS Marketplace Agreement Service

Configuration controls for tax estimation in the agreement request.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

taxEstimation

Toggle to estimate tax as part of the response. Values include `ENABLED` and `DISABLED`. Default is `DISABLED`.

Type: String

Valid Values: `DISABLED | ENABLED`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

TermTemplate

Service: AWS Marketplace Agreement Service

Defines how a specific type of term changes each time the agreement renews. Exactly one of the following fields is set.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

> **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

paymentScheduleTermTemplate

Defines the payment schedule that is applied to the renewed agreement.

Type: PaymentScheduleTermTemplate object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

UsageBasedPricingTerm

Service: AWS Marketplace Agreement Service

Defines a usage-based pricing model (typically, pay-as-you-go pricing), where the customers are charged based on product usage.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

currencyCode

Defines the currency for the prices mentioned in the term.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

Required: No

id

The unique identifier for the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: No

rateCards

List of rate cards.

Type: Array of UsageBasedRateCardItem objects

Required: No

type

Category of the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `[A-Za-z]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

UsageBasedRateCardItem

Service: AWS Marketplace Agreement Service

Within the pay-as-you-go model defined under `UsageBasedPricingTerm`, the `UsageBasedRateCardItem` defines an individual rate for a product dimension.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

rateCard

Defines the per unit rates for product dimensions.

Type: Array of RateCardItem objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ValidationExceptionField

Service: AWS Marketplace Agreement Service

The input fails to satisfy the constraints specified by the service.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

message

See applicable actions.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: Yes

name

The name of the field associated with the error.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

ValidityTerm

Service: AWS Marketplace Agreement Service

Defines the conditions that will keep an agreement created from this offer valid.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

agreementDuration

Defines the duration that the agreement remains active. If `AgreementStartDate` isn't provided, the agreement duration is relative to the agreement signature time. The duration is represented in the ISO_8601 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

agreementEndDate

Defines the date when the agreement ends. The agreement ends at 23:59:59.999 UTC on the date provided. If `AgreementEndDate` isn't provided, the agreement end date is determined by the validity of individual terms.

Type: Timestamp

Required: No

agreementStartDate

Defines the date when agreement starts. The agreement starts at 00:00:00.000 UTC on the date provided. If `AgreementStartDate` isn't provided, the agreement start date is determined based on agreement signature time.

Type: Timestamp

Required: No

id

The unique identifier for the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: No

type

Category of the term being updated.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `[A-Za-z]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

VariablePaymentTerm

Service: AWS Marketplace Agreement Service

Defines a payment model where sellers can submit variable payment requests up to a maximum charge amount, with configurable approval strategies and expiration timelines.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

configuration

Additional parameters specified by the acceptor while accepting the term.

Type: VariablePaymentTermConfiguration object

Required: No

currencyCode

Defines the currency for the prices mentioned in the term.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

Required: No

id

The unique identifier for the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: No

maxTotalChargeAmount

The maximum total amount that can be charged to the customer through variable payment requests under this term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

type

Type of the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `[A-Za-z]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

VariablePaymentTermConfiguration

Service: AWS Marketplace Agreement Service

Additional parameters specified by the acceptor while accepting the variable payment term.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

paymentRequestApprovalStrategy

Defines the strategy for approving payment requests. Values include `AUTO_APPROVE_ON_EXPIRATION` and `WAIT_FOR_APPROVAL`

Type: String

Valid Values: `AUTO_APPROVE_ON_EXPIRATION | WAIT_FOR_APPROVAL`

Required: Yes

expirationDuration

Defines the duration after which a payment request is automatically approved if no further action is taken. This only applies when the payment request approval strategy is set to `AUTO_APPROVE_ON_EXPIRATION`. The duration is represented in the ISO_8601 format (e.g., P10D for 10 days).

Type: String

Pattern: `([-+]?)P(?:([-+]?[0-9]+)D)?(T(?:([-+]?[0-9]+)H)?(?:([-+]?[0-9]+)M)?(?:([-+]?[0-9]+)(?:[.,]([0-9]{0,9}))?S)?)?`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AWS Marketplace Deployment Service

The following data types are supported by AWS Marketplace Deployment Service:

- DeploymentParameterInput

DeploymentParameterInput

Service: AWS Marketplace Deployment Service

The shape containing the requested deployment parameter name and secretString.

> **Note**
>
> To support AWS CloudFormation dynamic references to this resource using Quick Launch, this value must match a parameter defined in the CloudFormation templated provided to buyers.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

name

The desired name of the deployment parameter. This is the identifier on which deployment parameters are keyed for a given buyer and product. If this name matches an existing deployment parameter, this request will update the existing resource.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 400.

Pattern: `[a-zA-Z0-9/_+=.@-]+`

Required: Yes

secretString

The text to encrypt and store in the secret.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 15000.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AWS Marketplace Discovery

The following data types are supported by AWS Marketplace Discovery:

- AmazonMachineImageEbsVolume
- AmazonMachineImageFulfillmentOption
- AmazonMachineImageOperatingSystem
- AmazonMachineImageRecommendation
- AmazonMachineImageSecurityGroup
- ApiFulfillmentOption
- AwsSupportedService
- ByolPricingTerm
- Category
- CloudFormationFulfillmentOption
- ConfigurableUpfrontPricingTerm
- ConfigurableUpfrontRateCardItem
- Constraints
- ContainerFulfillmentOption
- ContainerOperatingSystem
- DataArtifact
- DataExchangeFulfillmentOption
- DimensionLabel
- DocumentItem
- Ec2ImageBuilderComponentFulfillmentOption

- EksAddOnFulfillmentOption
- EksAddOnOperatingSystem
- FixedPercentage
- FixedUpfrontPricingTerm
- FreeTrialPricingTerm
- FulfillmentOption
- FulfillmentOptionSummary
- GrantItem
- HelmFulfillmentOption
- HelmOperatingSystem
- LegalTerm
- ListingAssociatedEntity
- ListingBadge
- ListingFacet
- ListingSummary
- ListingSummaryAssociatedEntity
- NetPaymentTerm
- OfferAssociatedEntity
- OfferInformation
- OfferSetAssociatedEntity
- OfferSetInformation
- OfferTerm
- PaymentScheduleEntry
- PaymentScheduleTerm
- PaymentScheduleTermTemplate
- PercentageRange
- PriceIncrease
- PricingModel
- PricingUnit
- ProductInformation

- ProfessionalServicesFulfillmentOption
- PromotionalEmbeddedImage
- PromotionalEmbeddedVideo
- PromotionalMedia
- PurchaseOptionAssociatedEntity
- PurchaseOptionBadge
- PurchaseOptionFilter
- PurchaseOptionSummary
- RateCardItem
- RecurringPaymentTerm
- RenewalTerm
- Resource
- ReviewSourceSummary
- ReviewSummary
- SaasFulfillmentOption
- SageMakerAlgorithmFulfillmentOption
- SageMakerAlgorithmRecommendation
- SageMakerModelFulfillmentOption
- SageMakerModelRecommendation
- ScheduleItem
- SearchFilter
- Selector
- SellerEngagement
- SellerInformation
- SupportTerm
- TermTemplate
- UsageBasedPricingTerm
- UsageBasedRateCardItem
- UseCase
- UseCaseEntry

- ValidityTerm
- VariablePaymentTerm

AmazonMachineImageEbsVolume

Service: AWS Marketplace Discovery

Contains supported Amazon EBS volume information for an AMI fulfillment option.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

volumeTypes

The supported Amazon EBS volume types.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Length Constraints: Minimum length of 0. Maximum length of 256.

Required: Yes

iops

The total number of provisioned IOPS supported.

Type: Integer

Valid Range: Minimum value of 0.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2

- AWS SDK for Ruby V3

AmazonMachineImageFulfillmentOption

Service: AWS Marketplace Discovery

Describes an Amazon Machine Image (AMI) fulfillment option, including version details, supported operating systems, and recommended instance types.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

architecture

The architecture of the AMI, such as x86_64.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Required: Yes

fulfillmentOptionDisplayName

A human-readable name for the fulfillment option type.

Type: String

Required: Yes

fulfillmentOptionId

The unique identifier of the fulfillment option.

Type: String

Required: Yes

fulfillmentOptionName

The display name of the fulfillment option version.

Type: String

Required: Yes

fulfillmentOptionType

The category of the fulfillment option.

Type: String

Valid Values: `AMAZON_MACHINE_IMAGE | API | CLOUDFORMATION_TEMPLATE | CONTAINER | HELM | EKS_ADD_ON | EC2_IMAGE_BUILDER_COMPONENT | DATA_EXCHANGE | PROFESSIONAL_SERVICES | SAAS | SAGEMAKER_ALGORITHM | SAGEMAKER_MODEL`

Required: Yes

operatingSystems

The operating systems supported by this AMI.

Type: Array of AmazonMachineImageOperatingSystem objects

Required: Yes

accessUrlTemplate

The URL pattern for accessing the product when an instance is running.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1024.

Required: No

amiAlias

The alias of the AMI associated with this fulfillment option.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1024.

Required: No

availableFromTime

The date and time when the AMI became available for fulfillment.

Type: Timestamp

Required: No

ebsVolume

The supported Amazon EBS volume configuration for the AMI.

Type: AmazonMachineImageEbsVolume object

Required: No

fulfillmentOptionVersion

The version identifier of the fulfillment option.

Type: String

Required: No

recommendation

Recommended instance types for running this AMI.

Type: AmazonMachineImageRecommendation object

Required: No

releaseNotes

Release notes describing changes in this version of the fulfillment option.

Type: String

Required: No

shortDescription

A short description of the fulfillment option.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4096.

Required: No

usageInstructions

Instructions on how to deploy and use this fulfillment option.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AmazonMachineImageOperatingSystem

Service: AWS Marketplace Discovery

Describes an operating system supported by an AMI fulfillment option.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

operatingSystemFamilyName

The operating system family, such as Linux or Windows.

Type: String

Required: Yes

operatingSystemName

The specific operating system name, such as Amazon Linux 2 or Windows Server 2022.

Type: String

Required: Yes

operatingSystemVersion

The version of the operating system.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

AmazonMachineImageRecommendation

Service: AWS Marketplace Discovery

Recommended instance types for running an AMI fulfillment option.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

instanceType

The recommended EC2 instance type for this AMI.

Type: String

Required: Yes

securityGroups

The recommended security group configurations for this AMI.

Type: Array of AmazonMachineImageSecurityGroup objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AmazonMachineImageSecurityGroup

Service: AWS Marketplace Discovery

Contains a recommended security group configuration for an AMI fulfillment option.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

cidrIpAddresses

The IP address ranges in CIDR format.

Type: Array of strings

Required: Yes

fromPort

The start of the port range.

Type: Integer

Required: Yes

protocol

The IP protocol name, such as `tcp`.

Type: String

Required: Yes

toPort

The end of the port range.

Type: Integer

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ApiFulfillmentOption

Service: AWS Marketplace Discovery

Describes an API-based fulfillment option, where the product is accessed through an API integration.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

awsSupportedServices

The AWS services supported by this API integration.

Type: Array of AwsSupportedService objects

Required: Yes

fulfillmentOptionDisplayName

A human-readable name for the fulfillment option type.

Type: String

Required: Yes

fulfillmentOptionId

The unique identifier of the fulfillment option.

Type: String

Required: Yes

fulfillmentOptionType

The category of the fulfillment option.

Type: String

Valid Values: `AMAZON_MACHINE_IMAGE | API | CLOUDFORMATION_TEMPLATE | CONTAINER | HELM | EKS_ADD_ON | EC2_IMAGE_BUILDER_COMPONENT |`

`DATA_EXCHANGE | PROFESSIONAL_SERVICES | SAAS | SAGEMAKER_ALGORITHM | SAGEMAKER_MODEL`

Required: Yes

usageInstructions

Instructions on how to integrate with and use this API.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AwsSupportedService

Service: AWS Marketplace Discovery

Describes an AWS service supported by a fulfillment option.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

description

A description of the supported service.

Type: String

Required: Yes

displayName

The human-readable name of the supported service.

Type: String

Required: Yes

supportedServiceType

The machine-readable identifier of the supported service.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

ByolPricingTerm

Service: AWS Marketplace Discovery

Defines a Bring Your Own License (BYOL) pricing term, where buyers use their existing license for the product.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

id

The unique identifier of the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: Yes

type

The category of the term.

Type: String

Valid Values: `ByolPricingTerm | ConfigurableUpfrontPricingTerm | FixedUpfrontPricingTerm | UsageBasedPricingTerm | FreeTrialPricingTerm | LegalTerm | PaymentScheduleTerm | RecurringPaymentTerm | RenewalTerm | SupportTerm | ValidityTerm | VariablePaymentTerm | NetPaymentTerm`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Category

Service: AWS Marketplace Discovery

A category used to classify a listing or product into a logical group.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

categoryId

The machine-readable identifier of the category.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

displayName

The human-readable name of the category.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

CloudFormationFulfillmentOption

Service: AWS Marketplace Discovery

Describes an AWS CloudFormation template fulfillment option for infrastructure deployment.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

fulfillmentOptionDisplayName

A human-readable name for the fulfillment option type.

Type: String

Required: Yes

fulfillmentOptionId

The unique identifier of the fulfillment option.

Type: String

Required: Yes

fulfillmentOptionName

The display name of the fulfillment option version.

Type: String

Required: Yes

fulfillmentOptionType

The category of the fulfillment option.

Type: String

Valid Values: `AMAZON_MACHINE_IMAGE | API | CLOUDFORMATION_TEMPLATE | CONTAINER | HELM | EKS_ADD_ON | EC2_IMAGE_BUILDER_COMPONENT |`

`DATA_EXCHANGE | PROFESSIONAL_SERVICES | SAAS | SAGEMAKER_ALGORITHM | SAGEMAKER_MODEL`

Required: Yes

availableFromTime

The date and time when the CloudFormation fulfillment option became available for fulfillment.

Type: Timestamp

Required: No

fulfillmentOptionVersion

The version identifier of the fulfillment option.

Type: String

Required: No

longDescription

A detailed description of the fulfillment option.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 8192.

Required: No

releaseNotes

Release notes describing changes in this version of the fulfillment option.

Type: String

Required: No

shortDescription

A short description of the fulfillment option.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4096.

Required: No

usageInstructions

Instructions on how to deploy and use this CloudFormation template.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ConfigurableUpfrontPricingTerm

Service: AWS Marketplace Discovery

Defines a configurable upfront pricing term with selectable rate cards, where buyers choose from predefined pricing configurations.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

currencyCode

Defines the currency for the prices in this term.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

Required: Yes

id

The unique identifier of the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: Yes

type

The category of the term.

Type: String

Valid Values: `ByolPricingTerm | ConfigurableUpfrontPricingTerm | FixedUpfrontPricingTerm | UsageBasedPricingTerm | FreeTrialPricingTerm | LegalTerm | PaymentScheduleTerm | RecurringPaymentTerm | RenewalTerm | SupportTerm | ValidityTerm | VariablePaymentTerm | NetPaymentTerm`

Required: Yes

rateCards

The rate cards available for selection, each with a selector, constraints, and per-unit rates.

Type: Array of ConfigurableUpfrontRateCardItem objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ConfigurableUpfrontRateCardItem

Service: AWS Marketplace Discovery

A rate card item within a configurable upfront pricing term, including a selector for choosing the configuration and per-unit rates.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

constraints

Constraints on how the buyer can configure this rate card, such as whether multiple dimensions can be selected.

Type: Constraints object

Required: Yes

rateCard

The per-unit rates for this configuration.

Type: Array of RateCardItem objects

Required: Yes

selector

The selector criteria for this rate card, such as duration.

Type: Selector object

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Constraints

Service: AWS Marketplace Discovery

Constraints that control how a buyer can configure a rate card.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

multipleDimensionSelection

Whether the buyer can select multiple dimensions. Values are `Allowed` or `Disallowed`.

Type: String

Valid Values: `Allowed | Disallowed`

Required: Yes

quantityConfiguration

Whether the buyer can configure quantities. Values are `Allowed` or `Disallowed`.

Type: String

Valid Values: `Allowed | Disallowed`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ContainerFulfillmentOption

Service: AWS Marketplace Discovery

Describes a container image fulfillment option for container-based deployment.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

fulfillmentOptionDisplayName

A human-readable name for the fulfillment option type.

Type: String

Required: Yes

fulfillmentOptionId

The unique identifier of the fulfillment option.

Type: String

Required: Yes

fulfillmentOptionName

The display name of the fulfillment option version.

Type: String

Required: Yes

fulfillmentOptionType

The category of the fulfillment option.

Type: String

Valid Values: `AMAZON_MACHINE_IMAGE | API | CLOUDFORMATION_TEMPLATE | CONTAINER | HELM | EKS_ADD_ON | EC2_IMAGE_BUILDER_COMPONENT |`

`DATA_EXCHANGE | PROFESSIONAL_SERVICES | SAAS | SAGEMAKER_ALGORITHM | SAGEMAKER_MODEL`

Required: Yes

awsSupportedServices

The AWS services supported by this container deployment.

Type: Array of AwsSupportedService objects

Required: No

fulfillmentOptionVersion

The version identifier of the fulfillment option.

Type: String

Required: No

operatingSystems

The operating systems supported by this container image.

Type: Array of ContainerOperatingSystem objects

Required: No

releaseNotes

Release notes describing changes in this version of the fulfillment option.

Type: String

Required: No

usageInstructions

Instructions on how to deploy and use this container image.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ContainerOperatingSystem

Service: AWS Marketplace Discovery

Describes an operating system supported by a container fulfillment option.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

operatingSystemFamilyName

The operating system family, such as Linux.

Type: String

Required: Yes

operatingSystemName

The specific operating system name.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

DataArtifact

Service: AWS Marketplace Discovery

Describes a data artifact within a Data Exchange fulfillment option.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

dataClassification

The classification of sensitive data contained in the dataset.

Type: String

Required: Yes

resourceType

The type of the data artifact resource.

Type: String

Required: Yes

description

A description of the data artifact.

Type: String

Required: No

resourceArn

The Amazon Resource Name (ARN) of the data artifact.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

DataExchangeFulfillmentOption

Service: AWS Marketplace Discovery

Describes an AWS Data Exchange fulfillment option for data set delivery.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

fulfillmentOptionDisplayName

A human-readable name for the fulfillment option type.

Type: String

Required: Yes

fulfillmentOptionId

The unique identifier of the fulfillment option.

Type: String

Required: Yes

fulfillmentOptionType

The category of the fulfillment option.

Type: String

Valid Values: `AMAZON_MACHINE_IMAGE | API | CLOUDFORMATION_TEMPLATE | CONTAINER | HELM | EKS_ADD_ON | EC2_IMAGE_BUILDER_COMPONENT | DATA_EXCHANGE | PROFESSIONAL_SERVICES | SAAS | SAGEMAKER_ALGORITHM | SAGEMAKER_MODEL`

Required: Yes

dataArtifacts

The data artifacts included in this Data Exchange fulfillment option.

Type: Array of DataArtifact objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

DimensionLabel

Service: AWS Marketplace Discovery

A label used to group or categorize pricing dimensions, such as by region or SageMaker option.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

labelType

The type of the dimension label, such as `Region` or `SagemakerOption`.

Type: String

Valid Values: `Region | SagemakerOption`

Required: Yes

labelValue

The value used to group dimensions together.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: Yes

displayName

The human-readable display name of the label.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

DocumentItem

Service: AWS Marketplace Discovery

A legal document associated with a legal term, such as a EULA or data subscription agreement.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

type

The category of the legal document, such as `StandardEula` or `CustomEula`.

Type: String

Valid Values: `CustomEula | CustomDsa | EnterpriseEula | StandardEula | StandardDsa`

Required: Yes

url

The URL where the legal document can be accessed.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `https?://.*`

Required: Yes

version

The version of the standard contract, if applicable.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Ec2ImageBuilderComponentFulfillmentOption

Service: AWS Marketplace Discovery

Describes an EC2 Image Builder component fulfillment option.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

fulfillmentOptionDisplayName

A human-readable name for the fulfillment option type.

Type: String

Required: Yes

fulfillmentOptionId

The unique identifier of the fulfillment option.

Type: String

Required: Yes

fulfillmentOptionName

The display name of the fulfillment option version.

Type: String

Required: Yes

fulfillmentOptionType

The category of the fulfillment option.

Type: String

Valid Values: `AMAZON_MACHINE_IMAGE | API | CLOUDFORMATION_TEMPLATE | CONTAINER | HELM | EKS_ADD_ON | EC2_IMAGE_BUILDER_COMPONENT |`

`DATA_EXCHANGE | PROFESSIONAL_SERVICES | SAAS | SAGEMAKER_ALGORITHM | SAGEMAKER_MODEL`

Required: Yes

awsSupportedServices

The AWS services supported by this EC2 Image Builder component.

Type: Array of AwsSupportedService objects

Required: No

fulfillmentOptionVersion

The version identifier of the fulfillment option.

Type: String

Required: No

operatingSystems

The operating systems supported by this EC2 Image Builder component.

Type: Array of ContainerOperatingSystem objects

Required: No

releaseNotes

Release notes describing changes in this version of the fulfillment option.

Type: String

Required: No

usageInstructions

Instructions on how to deploy and use this EC2 Image Builder component.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

EksAddOnFulfillmentOption

Service: AWS Marketplace Discovery

Describes an Amazon EKS add-on fulfillment option.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

fulfillmentOptionDisplayName

A human-readable name for the fulfillment option type.

Type: String

Required: Yes

fulfillmentOptionId

The unique identifier of the fulfillment option.

Type: String

Required: Yes

fulfillmentOptionName

The display name of the fulfillment option version.

Type: String

Required: Yes

fulfillmentOptionType

The category of the fulfillment option.

Type: String

Valid Values: `AMAZON_MACHINE_IMAGE | API | CLOUDFORMATION_TEMPLATE | CONTAINER | HELM | EKS_ADD_ON | EC2_IMAGE_BUILDER_COMPONENT |`

`DATA_EXCHANGE | PROFESSIONAL_SERVICES | SAAS | SAGEMAKER_ALGORITHM | SAGEMAKER_MODEL`

Required: Yes

awsSupportedServices

The AWS services supported by this EKS add-on.

Type: Array of AwsSupportedService objects

Required: No

fulfillmentOptionVersion

The version identifier of the fulfillment option.

Type: String

Required: No

operatingSystems

The operating systems supported by this EKS add-on.

Type: Array of EksAddOnOperatingSystem objects

Required: No

releaseNotes

Release notes describing changes in this version of the fulfillment option.

Type: String

Required: No

usageInstructions

Instructions on how to deploy and use this EKS add-on.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

EksAddOnOperatingSystem

Service: AWS Marketplace Discovery

Describes an operating system supported by an EKS add-on fulfillment option.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

operatingSystemFamilyName

The operating system family, such as Linux.

Type: String

Required: Yes

operatingSystemName

The specific operating system name.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

FixedPercentage

Service: AWS Marketplace Discovery

A single fixed price increase percentage applied at each renewal cycle.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

percentageValue

The percentage value applied at each renewal cycle.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

FixedUpfrontPricingTerm

Service: AWS Marketplace Discovery

Defines a fixed upfront pricing term with a pre-paid amount and granted entitlements.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

currencyCode

Defines the currency for the prices in this term.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

Required: Yes

grants

The entitlements granted to the buyer as part of this term.

Type: Array of GrantItem objects

Required: Yes

id

The unique identifier of the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: Yes

price

The price charged upfront for this term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: Yes

type

The category of the term.

Type: String

Valid Values: `ByolPricingTerm | ConfigurableUpfrontPricingTerm | FixedUpfrontPricingTerm | UsageBasedPricingTerm | FreeTrialPricingTerm | LegalTerm | PaymentScheduleTerm | RecurringPaymentTerm | RenewalTerm | SupportTerm | ValidityTerm | VariablePaymentTerm | NetPaymentTerm`

Required: Yes

duration

The duration of the fixed pricing term, in ISO 8601 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

FreeTrialPricingTerm

Service: AWS Marketplace Discovery

Defines a free trial pricing term that enables customers to try the product before purchasing.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

grants

The entitlements granted to the buyer during the free trial.

Type: Array of GrantItem objects

Required: Yes

id

The unique identifier of the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: Yes

type

The category of the term.

Type: String

Valid Values: `ByolPricingTerm | ConfigurableUpfrontPricingTerm | FixedUpfrontPricingTerm | UsageBasedPricingTerm | FreeTrialPricingTerm | LegalTerm | PaymentScheduleTerm | RecurringPaymentTerm | RenewalTerm | SupportTerm | ValidityTerm | VariablePaymentTerm | NetPaymentTerm`

Required: Yes

duration

The duration of the free trial period.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

FulfillmentOption

Service: AWS Marketplace Discovery

Describes a fulfillment option for a product. Each element contains exactly one fulfillment option type.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

> **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

amazonMachineImageFulfillmentOption

An Amazon Machine Image (AMI) fulfillment option for EC2 deployment.

Type: AmazonMachineImageFulfillmentOption object

Required: No

apiFulfillmentOption

An API-based fulfillment option for programmatic integration.

Type: ApiFulfillmentOption object

Required: No

cloudFormationFulfillmentOption

An AWS CloudFormation template fulfillment option for infrastructure deployment.

Type: CloudFormationFulfillmentOption object

Required: No

containerFulfillmentOption

A container image fulfillment option for container-based deployment.

Type: ContainerFulfillmentOption object

Required: No

dataExchangeFulfillmentOption

An AWS Data Exchange fulfillment option for data set delivery.

Type: DataExchangeFulfillmentOption object

Required: No

ec2ImageBuilderComponentFulfillmentOption

An EC2 Image Builder component fulfillment option.

Type: Ec2ImageBuilderComponentFulfillmentOption object

Required: No

eksAddOnFulfillmentOption

An Amazon EKS add-on fulfillment option.

Type: EksAddOnFulfillmentOption object

Required: No

helmFulfillmentOption

A Helm chart fulfillment option for Kubernetes deployment.

Type: HelmFulfillmentOption object

Required: No

professionalServicesFulfillmentOption

A professional services fulfillment option.

Type: ProfessionalServicesFulfillmentOption object

Required: No

saasFulfillmentOption

A Software as a Service (SaaS) fulfillment option.

Type: SaasFulfillmentOption object

Required: No

sageMakerAlgorithmFulfillmentOption

An Amazon SageMaker algorithm fulfillment option.

Type: SageMakerAlgorithmFulfillmentOption object

Required: No

sageMakerModelFulfillmentOption

An Amazon SageMaker model fulfillment option.

Type: SageMakerModelFulfillmentOption object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

FulfillmentOptionSummary

Service: AWS Marketplace Discovery

A summary of a fulfillment option available for deploying or accessing a listing or product.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

displayName

The human-readable name of the fulfillment option type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

fulfillmentOptionType

The machine-readable type of the fulfillment option, such as SAAS or `AMAZON_MACHINE_IMAGE`.

Type: String

Valid Values: `AMAZON_MACHINE_IMAGE | API | CLOUDFORMATION_TEMPLATE | CONTAINER | HELM | EKS_ADD_ON | EC2_IMAGE_BUILDER_COMPONENT | DATA_EXCHANGE | PROFESSIONAL_SERVICES | SAAS | SAGEMAKER_ALGORITHM | SAGEMAKER_MODEL`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

GrantItem

Service: AWS Marketplace Discovery

An entitlement granted to the buyer as part of a pricing term.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

dimensionKey

The machine-readable key identifying the entitlement dimension.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: Yes

displayName

The human-readable name of the entitlement dimension.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: Yes

unit

The unit of measurement for the entitlement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: Yes

description

A description of the entitlement.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: No

dimensionLabels

Labels used to categorize this entitlement, such as by region.

Type: Array of DimensionLabel objects

Required: No

maxQuantity

The maximum quantity of the entitlement that can be granted.

Type: Integer

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

HelmFulfillmentOption

Service: AWS Marketplace Discovery

Describes a Helm chart fulfillment option for Kubernetes deployment.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

fulfillmentOptionDisplayName

A human-readable name for the fulfillment option type.

Type: String

Required: Yes

fulfillmentOptionId

The unique identifier of the fulfillment option.

Type: String

Required: Yes

fulfillmentOptionName

The display name of the fulfillment option version.

Type: String

Required: Yes

fulfillmentOptionType

The category of the fulfillment option.

Type: String

Valid Values: `AMAZON_MACHINE_IMAGE | API | CLOUDFORMATION_TEMPLATE | CONTAINER | HELM | EKS_ADD_ON | EC2_IMAGE_BUILDER_COMPONENT |`

`DATA_EXCHANGE | PROFESSIONAL_SERVICES | SAAS | SAGEMAKER_ALGORITHM | SAGEMAKER_MODEL`

Required: Yes

awsSupportedServices

The AWS services supported by this Helm chart deployment.

Type: Array of AwsSupportedService objects

Required: No

fulfillmentOptionVersion

The version identifier of the fulfillment option.

Type: String

Required: No

operatingSystems

The operating systems supported by this Helm chart.

Type: Array of HelmOperatingSystem objects

Required: No

releaseNotes

Release notes describing changes in this version of the fulfillment option.

Type: String

Required: No

usageInstructions

Instructions on how to deploy and use this Helm chart.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

HelmOperatingSystem

Service: AWS Marketplace Discovery

Describes an operating system supported by a Helm chart fulfillment option.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

operatingSystemFamilyName

The operating system family, such as Linux.

Type: String

Required: Yes

operatingSystemName

The specific operating system name.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

LegalTerm

Service: AWS Marketplace Discovery

Defines a legal term containing documents proposed to buyers, such as EULAs and data subscription agreements.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

documents

The legal documents proposed to the buyer as part of this term.

Type: Array of DocumentItem objects

Required: Yes

id

The unique identifier of the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: Yes

type

The category of the term.

Type: String

Valid Values: `ByolPricingTerm | ConfigurableUpfrontPricingTerm | FixedUpfrontPricingTerm | UsageBasedPricingTerm | FreeTrialPricingTerm | LegalTerm | PaymentScheduleTerm | RecurringPaymentTerm | RenewalTerm | SupportTerm | ValidityTerm | VariablePaymentTerm | NetPaymentTerm`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ListingAssociatedEntity

Service: AWS Marketplace Discovery

A product and offer associated with a listing.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

offer

Information about the default offer associated with the listing.

Type: OfferInformation object

Required: No

product

Information about the product associated with the listing.

Type: ProductInformation object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ListingBadge

Service: AWS Marketplace Discovery

A badge indicating a special attribute of a listing, such as free tier eligibility or Quick Launch support.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

badgeType

The machine-readable type of the badge.

Type: String

Valid Values: `AWS_FREE_TIER | FREE_TRIAL | DEPLOYED_ON_AWS | QUICK_LAUNCH | MULTI_PRODUCT`

Required: Yes

displayName

The human-readable name of the badge.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

ListingFacet

Service: AWS Marketplace Discovery

A facet value with display information and a count of matching listings. Used to build filter and browse experiences.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

count

The number of listings matching this facet value.

Type: Long

Valid Range: Minimum value of 0.

Required: Yes

displayName

The human-readable name of the facet value, suitable for display in a user interface.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

value

The internal value used for filtering when passed back in a search filter.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

parent

The parent facet value for hierarchical facets, such as subcategories.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ListingSummary

Service: AWS Marketplace Discovery

Summary information about a listing returned by search operations, including the listing name, description, badges, categories, pricing models, reviews, and associated products.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

associatedEntities

The products associated with this listing.

Type: Array of ListingSummaryAssociatedEntity objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Required: Yes

badges

Badges indicating special attributes of the listing.

Type: Array of ListingBadge objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: Yes

catalog

The name of the catalog that the listing belongs to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

Required: Yes

categories

The categories used to classify this listing into logical groups.

Type: Array of Category objects

Array Members: Minimum number of 0 items. Maximum number of 30 items.

Required: Yes

fulfillmentOptionSummaries

A summary of fulfillment options available for the listing.

Type: Array of FulfillmentOptionSummary objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: Yes

listingId

The unique identifier of the listing.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

Required: Yes

listingName

The human-readable display name of the listing.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

logoThumbnailUrl

The URL of the logo thumbnail image for the listing.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `https?://.*`

Required: Yes

pricingModels

The pricing models for offers associated with this listing.

Type: Array of PricingModel objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: Yes

pricingUnits

The pricing units that define the billing dimensions for offers associated with this listing.

Type: Array of PricingUnit objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: Yes

publisher

The entity who created and published the listing.

Type: SellerInformation object

Required: Yes

reviewSummary

A summary of customer reviews for the listing.

Type: ReviewSummary object

Required: Yes

shortDescription

A 1–3 sentence summary describing the key aspects of the listing.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ListingSummaryAssociatedEntity

Service: AWS Marketplace Discovery

A product associated with a listing summary.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

product

Information about the associated product.

Type: ProductInformation object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

NetPaymentTerm

Service: AWS Marketplace Discovery

Defines a net payment term that sets how many days after the invoice date the payment is due.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

id

The unique identifier of the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: Yes

paymentDuePeriod

The duration after invoice date by which payment is due.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: Yes

type

The category of the term.

Type: String

Valid Values: `ByolPricingTerm | ConfigurableUpfrontPricingTerm | FixedUpfrontPricingTerm | UsageBasedPricingTerm | FreeTrialPricingTerm`

```
| LegalTerm | PaymentScheduleTerm | RecurringPaymentTerm | RenewalTerm |
SupportTerm | ValidityTerm | VariablePaymentTerm | NetPaymentTerm
```

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferAssociatedEntity

Service: AWS Marketplace Discovery

A product and optional offer set associated with an offer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

product

Information about the product associated with the offer.

Type: ProductInformation object

Required: Yes

offerSet

Information about the offer set, if the offer is part of a bundled offer set.

Type: OfferSetInformation object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferInformation

Service: AWS Marketplace Discovery

Summary information about an offer, including the offer identifier, name, and seller of record.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

offerId

The unique identifier of the offer.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

Required: Yes

sellerOfRecord

The entity responsible for selling the product under this offer.

Type: SellerInformation object

Required: Yes

offerName

The display name of the offer.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferSetAssociatedEntity

Service: AWS Marketplace Discovery

A product and offer associated with an offer set.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

offer

Information about the offer associated with the offer set.

Type: OfferInformation object

Required: Yes

product

Information about the product associated with the offer set.

Type: ProductInformation object

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferSetInformation

Service: AWS Marketplace Discovery

Summary information about an offer set, including the identifier and seller of record.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

offerSetId

The unique identifier of the offer set.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

Required: Yes

sellerOfRecord

The entity responsible for selling the products under this offer set.

Type: SellerInformation object

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

OfferTerm

Service: AWS Marketplace Discovery

A term attached to an offer. Each element contains exactly one term type, such as a pricing term, legal term, or payment schedule term.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

> **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

byolPricingTerm

Defines a Bring Your Own License (BYOL) pricing term, where buyers use their existing license for the product.

Type: ByolPricingTerm object

Required: No

configurableUpfrontPricingTerm

Defines a configurable upfront pricing term with selectable rate cards, where buyers choose from predefined pricing configurations.

Type: ConfigurableUpfrontPricingTerm object

Required: No

fixedUpfrontPricingTerm

Defines a fixed upfront pricing term with a pre-paid amount and granted entitlements.

Type: FixedUpfrontPricingTerm object

Required: No

freeTrialPricingTerm

Defines a free trial pricing term that enables customers to try the product before purchasing.

Type: FreeTrialPricingTerm object

Required: No

legalTerm

Defines a legal term containing documents proposed to buyers, such as EULAs and data subscription agreements.

Type: LegalTerm object

Required: No

netPaymentTerm

A net payment term.

Type: NetPaymentTerm object

Required: No

paymentScheduleTerm

Defines a payment schedule term with installment payments at specified dates.

Type: PaymentScheduleTerm object

Required: No

recurringPaymentTerm

Defines a recurring payment term with fixed charges at regular billing intervals.

Type: RecurringPaymentTerm object

Required: No

renewalTerm

Defines a renewal term that enables automatic agreement renewal.

Type: RenewalTerm object

Required: No

supportTerm

Defines a support term that includes the refund policy for the offer.

Type: SupportTerm object

Required: No

usageBasedPricingTerm

Defines a usage-based pricing term (typically pay-as-you-go), where buyers are charged based on product usage.

Type: UsageBasedPricingTerm object

Required: No

validityTerm

Defines a validity term that specifies the duration or date range of an agreement.

Type: ValidityTerm object

Required: No

variablePaymentTerm

Defines a variable payment term with a maximum total charge amount.

Type: VariablePaymentTerm object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PaymentScheduleEntry

Service: AWS Marketplace Discovery

A single installment entry in the renewal payment schedule.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

chargeDateOffset

The relative offset from the renewal agreement start date when this installment is due, represented in ISO 8601 duration format (for example, P1M or P30D).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: Yes

chargePercentage

The percentage of the increased Total Contract Value (TCV) to charge in this installment. All entries in a schedule sum to 100.00.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: Yes

dayOfMonth

The optional calendar day of month on which the charge occurs. When absent, the charge day is derived from `chargeDateOffset`. For months with fewer days than the specified day, the

charge occurs on the last day of the month. For example, if `dayOfMonth` is 31, the charge in April occurs on April 30.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 31.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PaymentScheduleTerm

Service: AWS Marketplace Discovery

Defines a payment schedule term with installment payments at specified dates.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

currencyCode

Defines the currency for the prices in this term.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

Required: Yes

id

The unique identifier of the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: Yes

schedule

The payment schedule installments, each with a charge date and amount.

Type: Array of ScheduleItem objects

Required: Yes

type

The category of the term.

Type: String

Valid Values: `ByolPricingTerm | ConfigurableUpfrontPricingTerm | FixedUpfrontPricingTerm | UsageBasedPricingTerm | FreeTrialPricingTerm | LegalTerm | PaymentScheduleTerm | RecurringPaymentTerm | RenewalTerm | SupportTerm | ValidityTerm | VariablePaymentTerm | NetPaymentTerm`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PaymentScheduleTermTemplate

Service: AWS Marketplace Discovery

A template for the payment schedule term on the renewal offer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

schedule

An ordered list of installment entries for the renewal payment schedule.

Type: Array of PaymentScheduleEntry objects

Array Members: Minimum number of 1 item. Maximum number of 200 items.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PercentageRange

Service: AWS Marketplace Discovery

A price increase percentage range with minimum, maximum, and default values.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

defaultValue

The percentage increase applied by default when no other value is finalized before the adjustment deadline. Falls between `minimumValue` and `maximumValue`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: Yes

maximumValue

The maximum percentage by which the price can increase at each renewal cycle.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: Yes

minimumValue

The minimum percentage by which the price can increase at each renewal cycle.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PriceIncrease

Service: AWS Marketplace Discovery

The pricing adjustment that applies at each renewal cycle, expressed as either a fixed percentage or a percentage range. Exactly one variant is present.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

> **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

fixedPercentage

A single fixed percentage applied uniformly at every renewal cycle.

Type: FixedPercentage object

Required: No

percentageRange

A percentage band with minimum, maximum, and default values that bound the price increase at each renewal cycle.

Type: PercentageRange object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PricingModel

Service: AWS Marketplace Discovery

A pricing model that determines how buyers are charged for a listing, such as usage-based, contract, BYOL, or free.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

displayName

The human-readable name of the pricing model.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

pricingModelType

The machine-readable type of the pricing model.

Type: String

Valid Values: `USAGE | CONTRACT | BYOL | FREE`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

PricingUnit

Service: AWS Marketplace Discovery

A pricing unit that defines the billing dimension for a listing, such as users, hosts, bandwidth, or data.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

displayName

The human-readable name of the pricing unit.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

pricingUnitType

The machine-readable type of the pricing unit.

Type: String

Valid Values: `USERS | HOSTS | BANDWIDTH | DATA | TIERS | REQUESTS | UNITS`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

ProductInformation

Service: AWS Marketplace Discovery

Summary information about a product, including the identifier, name, and manufacturer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

manufacturer

The entity who manufactured the product.

Type: SellerInformation object

Required: Yes

productId

The unique identifier of the product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

Required: Yes

productName

The human-readable display name of the product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ProfessionalServicesFulfillmentOption

Service: AWS Marketplace Discovery

Describes a professional services fulfillment option.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

fulfillmentOptionDisplayName

A human-readable name for the fulfillment option type.

Type: String

Required: Yes

fulfillmentOptionId

The unique identifier of the fulfillment option.

Type: String

Required: Yes

fulfillmentOptionType

The category of the fulfillment option.

Type: String

Valid Values: `AMAZON_MACHINE_IMAGE | API | CLOUDFORMATION_TEMPLATE | CONTAINER | HELM | EKS_ADD_ON | EC2_IMAGE_BUILDER_COMPONENT | DATA_EXCHANGE | PROFESSIONAL_SERVICES | SAAS | SAGEMAKER_ALGORITHM | SAGEMAKER_MODEL`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PromotionalEmbeddedImage

Service: AWS Marketplace Discovery

An embedded promotional image for a product.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

title

The title displayed when hovering over the image.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

url

The URL of the image file.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `https?://.*`

Required: Yes

description

An optional description of the image.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PromotionalEmbeddedVideo

Service: AWS Marketplace Discovery

An embedded promotional video for a product.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

preview

The URL of the high-resolution preview image for the video.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `https?://.*`

Required: Yes

thumbnail

The URL of the thumbnail image for the video.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `https?://.*`

Required: Yes

title

The title displayed when hovering over the video.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

url

The URL of the video file.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `https?://.*`

Required: Yes

description

An optional description of the video.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PromotionalMedia

Service: AWS Marketplace Discovery

Embedded promotional media for a product, such as images or videos. Each element contains exactly one media type.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

> **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

embeddedImage

An embedded promotional image for a product.

Type: PromotionalEmbeddedImage object

Required: No

embeddedVideo

An embedded promotional video for a product.

Type: PromotionalEmbeddedVideo object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

PurchaseOptionAssociatedEntity

Service: AWS Marketplace Discovery

A product, offer, and optional offer set associated with a purchase option.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

offer

Information about the offer associated with the purchase option.

Type: OfferInformation object

Required: Yes

product

Information about the product associated with the purchase option.

Type: ProductInformation object

Required: Yes

offerSet

Information about the offer set, if the purchase option is part of a bundled offer set.

Type: OfferSetInformation object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

PurchaseOptionBadge

Service: AWS Marketplace Discovery

A badge indicating a special attribute of a purchase option, such as private pricing or future dated.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

badgeType

The machine-readable type of the badge.

Type: String

Valid Values: `PRIVATE_PRICING | FUTURE_DATED | REPLACEMENT_OFFER | AUTO_RENEW`

Required: Yes

displayName

The human-readable name of the badge.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

PurchaseOptionFilter

Service: AWS Marketplace Discovery

A filter used to narrow purchase option results by product, seller, type, visibility, or availability.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

filterType

The type of filter to apply, such as `PRODUCT_ID`, `VISIBILITY_SCOPE`, or `PURCHASE_OPTION_TYPE`.

Type: String

Valid Values: `PRODUCT_ID | SELLER_OF_RECORD_PROFILE_ID | PURCHASE_OPTION_TYPE | VISIBILITY_SCOPE | AVAILABILITY_STATUS`

Required: Yes

filterValues

The values to filter by. Supported values depend on `filterType`:

- `PRODUCT_ID` – One or more product identifiers to filter by.
- `SELLER_OF_RECORD_PROFILE_ID` – One or more seller profile identifiers to filter by.
- `PURCHASE_OPTION_TYPE` – One or more purchase option types to filter by: `OFFER` or `OFFERSET`.
- `VISIBILITY_SCOPE` – The visibility scope to filter by: `PRIVATE`.
- `AVAILABILITY_STATUS` – One or more availability statuses to filter by: `AVAILABLE` or `EXPIRED`.

To retrieve private offers and offer sets visible to you, use `VISIBILITY_SCOPE` with `PRIVATE`. OR logic combines multiple values within the same filter.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PurchaseOptionSummary

Service: AWS Marketplace Discovery

Summary information about a purchase option (offer or offer set) available to the buyer, including the seller, badges, and associated products.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

associatedEntities

The products, offers, and offer sets associated with this purchase option.

Type: Array of PurchaseOptionAssociatedEntity objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Required: Yes

catalog

The name of the catalog that the purchase option belongs to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

Required: Yes

purchaseOptionId

The unique identifier of the purchase option.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

purchaseOptionType

The type of purchase option. Values are OFFER for a single-product offer or OFFERSET for a bundled offer set.

Type: String

Valid Values: OFFER | OFFERSET

Required: Yes

sellerOfRecord

The entity responsible for selling the product under this purchase option.

Type: SellerInformation object

Required: Yes

availableFromTime

The date and time when the purchase option became available to the buyer.

Type: Timestamp

Required: No

badges

Badges indicating special attributes of the purchase option, such as private pricing or future dated.

Type: Array of PurchaseOptionBadge objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

expirationTime

The date and time when the purchase option expires and is no longer available for procurement.

Type: Timestamp

Required: No

purchaseOptionName

The display name of the purchase option.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RateCardItem

Service: AWS Marketplace Discovery

A per-unit rate within a rate card, defining the price for a specific dimension.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

dimensionKey

The machine-readable key identifying the dimension being priced.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: Yes

displayName

The human-readable name of the dimension.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: Yes

price

The price per unit for the dimension.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: Yes

unit

The unit of measurement for the dimension.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: Yes

description

A description of the dimension being priced.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: No

dimensionLabels

Labels used to categorize this dimension, such as by region.

Type: Array of DimensionLabel objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RecurringPaymentTerm

Service: AWS Marketplace Discovery

Defines a recurring payment term with fixed charges at regular billing intervals.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

billingPeriod

The billing period frequency, such as `Monthly`.

Type: String

Valid Values: `Monthly`

Required: Yes

currencyCode

Defines the currency for the prices in this term.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

Required: Yes

id

The unique identifier of the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: Yes

price

The amount charged each billing period.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: Yes

type

The category of the term.

Type: String

Valid Values: `ByolPricingTerm | ConfigurableUpfrontPricingTerm | FixedUpfrontPricingTerm | UsageBasedPricingTerm | FreeTrialPricingTerm | LegalTerm | PaymentScheduleTerm | RecurringPaymentTerm | RenewalTerm | SupportTerm | ValidityTerm | VariablePaymentTerm | NetPaymentTerm`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RenewalTerm

Service: AWS Marketplace Discovery

Defines a renewal term that enables automatic agreement renewal.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

id

The unique identifier of the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: Yes

type

The category of the term.

Type: String

Valid Values: `ByolPricingTerm | ConfigurableUpfrontPricingTerm | FixedUpfrontPricingTerm | UsageBasedPricingTerm | FreeTrialPricingTerm | LegalTerm | PaymentScheduleTerm | RecurringPaymentTerm | RenewalTerm | SupportTerm | ValidityTerm | VariablePaymentTerm | NetPaymentTerm`

Required: Yes

adjustmentDeadline

The duration before the agreement end date by which the renewal price is finalized, represented in ISO 8601 format (for example, P30D). Only applicable with `PercentageRange`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: No

lockoutPeriod

The duration before the agreement end date when the lockout window begins, in ISO 8601 format (for example, P30D). Absent means no lockout.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: No

maxRenewals

The maximum number of renewals allowed on this offer. Absent means unlimited renewals.

Type: Integer

Valid Range: Minimum value of 1.

Required: No

priceIncrease

The price increase applied at each renewal cycle. Absent means identical pricing on renewal.

Type: PriceIncrease object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

termTemplates

Structural templates defining how specific terms are reshaped on each renewal cycle. Absent for upfront-only offers.

Type: Array of TermTemplate objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Resource

Service: AWS Marketplace Discovery

A resource that provides supplementary information about a product, such as documentation links, support contacts, or usage instructions.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

contentType

The format of the resource content, such as a URL, email address, or text.

Type: String

Valid Values: `EMAIL | PHONE_NUMBER | LINK | OTHER`

Required: Yes

resourceType

The category of the resource, such as manufacturer support or usage instructions.

Type: String

Valid Values: `MANUFACTURER_SUPPORT | MANUFACTURER_INSTRUCTIONS`

Required: Yes

value

The resource content. Interpretation depends on the content type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

displayName

An optional human-readable label for the resource.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ReviewSourceSummary

Service: AWS Marketplace Discovery

A review summary from a specific source, including the average rating and total review count.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

averageRating

The average rating across all reviews from this source.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

sourceId

The machine-readable identifier of the review source.

Type: String

Valid Values: `AWS_MARKETPLACE`

Required: Yes

sourceName

The name of the review source, such as AWS Marketplace.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

totalReviews

The total number of reviews available from this source.

Type: Long

Valid Range: Minimum value of 0.

Required: Yes

sourceUrl

The URL where the reviews can be accessed at the source.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `https?://.*`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ReviewSummary

Service: AWS Marketplace Discovery

A summary of customer reviews available for a listing, aggregated by review source.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

reviewSourceSummaries

Review summaries from different sources, such as AWS Marketplace.

Type: Array of ReviewSourceSummary objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SaasFulfillmentOption

Service: AWS Marketplace Discovery

Describes a Software as a Service (SaaS) fulfillment option.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

fulfillmentOptionDisplayName

A human-readable name for the fulfillment option type.

Type: String

Required: Yes

fulfillmentOptionId

The unique identifier of the fulfillment option.

Type: String

Required: Yes

fulfillmentOptionType

The category of the fulfillment option.

Type: String

Valid Values: `AMAZON_MACHINE_IMAGE | API | CLOUDFORMATION_TEMPLATE | CONTAINER | HELM | EKS_ADD_ON | EC2_IMAGE_BUILDER_COMPONENT | DATA_EXCHANGE | PROFESSIONAL_SERVICES | SAAS | SAGEMAKER_ALGORITHM | SAGEMAKER_MODEL`

Required: Yes

quickLaunch

Specifies whether the SaaS product supports quick-launch deployment.

Type: String

Valid Values: `ENABLED | DISABLED`

Required: Yes

availableFromTime

The date and time when the SaaS product became available for fulfillment.

Type: Timestamp

Required: No

fulfillmentUrl

The URL of the seller's software registration landing page.

Type: String

Required: No

launchUrl

The URL that a buyer uses to launch the seller's SaaS product. This URL is distinct from `fulfillmentUrl`, which is the seller's software registration landing page.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `https?://.*`

Required: No

usageInstructions

Instructions on how to access and use this SaaS product.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SageMakerAlgorithmFulfillmentOption

Service: AWS Marketplace Discovery

Describes an Amazon SageMaker algorithm fulfillment option, including version details and recommended instance types.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

fulfillmentOptionDisplayName

A human-readable name for the fulfillment option type.

Type: String

Required: Yes

fulfillmentOptionId

The unique identifier of the fulfillment option.

Type: String

Required: Yes

fulfillmentOptionType

The category of the fulfillment option.

Type: String

Valid Values: `AMAZON_MACHINE_IMAGE | API | CLOUDFORMATION_TEMPLATE | CONTAINER | HELM | EKS_ADD_ON | EC2_IMAGE_BUILDER_COMPONENT | DATA_EXCHANGE | PROFESSIONAL_SERVICES | SAAS | SAGEMAKER_ALGORITHM | SAGEMAKER_MODEL`

Required: Yes

fulfillmentOptionVersion

The version identifier of the fulfillment option.

Type: String

Required: No

recommendation

Recommended instance types for training and inference with this algorithm.

Type: SageMakerAlgorithmRecommendation object

Required: No

releaseNotes

Release notes describing changes in this version of the fulfillment option.

Type: String

Required: No

usageInstructions

Instructions on how to use this SageMaker algorithm.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SageMakerAlgorithmRecommendation

Service: AWS Marketplace Discovery

Recommended instance types for training and inference with a SageMaker algorithm.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

recommendedBatchTransformInstanceType

The recommended instance type for batch inference.

Type: String

Required: Yes

recommendedTrainingInstanceType

The recommended instance type for training.

Type: String

Required: Yes

recommendedRealtimeInferenceInstanceType

The recommended instance type for real-time inference.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

SageMakerModelFulfillmentOption

Service: AWS Marketplace Discovery

Describes an Amazon SageMaker model fulfillment option, including version details and recommended instance types.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

fulfillmentOptionDisplayName

A human-readable name for the fulfillment option type.

Type: String

Required: Yes

fulfillmentOptionId

The unique identifier of the fulfillment option.

Type: String

Required: Yes

fulfillmentOptionType

The category of the fulfillment option.

Type: String

Valid Values: `AMAZON_MACHINE_IMAGE | API | CLOUDFORMATION_TEMPLATE | CONTAINER | HELM | EKS_ADD_ON | EC2_IMAGE_BUILDER_COMPONENT | DATA_EXCHANGE | PROFESSIONAL_SERVICES | SAAS | SAGEMAKER_ALGORITHM | SAGEMAKER_MODEL`

Required: Yes

fulfillmentOptionVersion

The version identifier of the fulfillment option.

Type: String

Required: No

recommendation

Recommended instance types for inference with this model.

Type: SageMakerModelRecommendation object

Required: No

releaseNotes

Release notes describing changes in this version of the fulfillment option.

Type: String

Required: No

supportedContentTypes

The MIME types that this model accepts as input.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

supportedResponseMimeTypes

The MIME types that this model returns as output.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

usageInstructions

Instructions on how to use this SageMaker model.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SageMakerModelRecommendation

Service: AWS Marketplace Discovery

Recommended instance types for inference with a SageMaker model.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

recommendedBatchTransformInstanceType

The recommended instance type for batch inference.

Type: String

Required: Yes

recommendedRealtimeInferenceInstanceType

The recommended instance type for real-time inference.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ScheduleItem

Service: AWS Marketplace Discovery

A payment installment within a payment schedule term.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

chargeAmount

The amount to be charged on the charge date.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: Yes

chargeDate

The date when the payment is due.

Type: Timestamp

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SearchFilter

Service: AWS Marketplace Discovery

A filter used to narrow search results by attribute, such as category, pricing model, or fulfillment type.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

filterType

The type of filter to apply.

Type: String

Valid Values: `MIN_AVERAGE_CUSTOMER_RATING | MAX_AVERAGE_CUSTOMER_RATING | CATEGORY | PUBLISHER | FULFILLMENT_OPTION_TYPE | PRICING_MODEL | PRICING_UNIT | DEPLOYED_ON_AWS | NUMBER_OF_PRODUCTS`

Required: Yes

filterValues

The values to filter by. Term filters accept multiple values (OR logic). Range filters (MIN/MAX_AVERAGE_CUSTOMER_RATING) accept a single value between 0.0 and 5.0.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 30 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[\w\-\.]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Selector

Service: AWS Marketplace Discovery

A selector used to choose a specific configuration within a configurable upfront rate card.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

type

The category of the selector, such as `Duration`.

Type: String

Valid Values: `Duration`

Required: Yes

value

The value of the selector.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2

- AWS SDK for Ruby V3

SellerEngagement

Service: AWS Marketplace Discovery

An engagement option available to potential buyers of a product, such as requesting a private offer or a demo.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

contentType

The format of the engagement value, such as a URL.

Type: String

Valid Values: `LINK`

Required: Yes

engagementType

The type of engagement, such as `REQUEST_FOR_PRIVATE_OFFER` or `REQUEST_FOR_DEMO`.

Type: String

Valid Values: `REQUEST_FOR_PRIVATE_OFFER | REQUEST_FOR_DEMO`

Required: Yes

value

The engagement value, such as a URL to the engagement form.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SellerInformation

Service: AWS Marketplace Discovery

Information about a seller, including the profile identifier and display name.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

displayName

The human-readable name of the seller.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

sellerProfileId

The unique identifier of the seller profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\w\-]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

SupportTerm

Service: AWS Marketplace Discovery

Defines a support term that includes the refund policy for the offer.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

id

The unique identifier of the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: Yes

refundPolicy

The refund policy description for the offer.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `(.)+`

Required: Yes

type

The category of the term.

Type: String

Valid Values: `ByolPricingTerm | ConfigurableUpfrontPricingTerm | FixedUpfrontPricingTerm | UsageBasedPricingTerm | FreeTrialPricingTerm`

```
| LegalTerm | PaymentScheduleTerm | RecurringPaymentTerm | RenewalTerm |
SupportTerm | ValidityTerm | VariablePaymentTerm | NetPaymentTerm
```

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

TermTemplate

Service: AWS Marketplace Discovery

A structural template defining how a specific term type is reshaped on each renewal cycle. Exactly one variant is present.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

> **Important**
>
> This data type is a UNION, so only one of the following members can be specified when used or returned.

paymentScheduleTermTemplate

The installment schedule used to structure payments on the renewal offer.

Type: PaymentScheduleTermTemplate object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

UsageBasedPricingTerm

Service: AWS Marketplace Discovery

Defines a usage-based pricing term (typically pay-as-you-go), where buyers are charged based on product usage.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

currencyCode

Defines the currency for the prices in this term.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

Required: Yes

id

The unique identifier of the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: Yes

rateCards

The rate cards containing per-unit rates for usage-based pricing.

Type: Array of UsageBasedRateCardItem objects

Required: Yes

type

The category of the term.

Type: String

Valid Values: `ByolPricingTerm | ConfigurableUpfrontPricingTerm | FixedUpfrontPricingTerm | UsageBasedPricingTerm | FreeTrialPricingTerm | LegalTerm | PaymentScheduleTerm | RecurringPaymentTerm | RenewalTerm | SupportTerm | ValidityTerm | VariablePaymentTerm | NetPaymentTerm`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

UsageBasedRateCardItem

Service: AWS Marketplace Discovery

A rate card within a usage-based pricing term, containing per-unit rates.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

rateCard

The per-unit rates for this usage-based rate card.

Type: Array of RateCardItem objects

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

UseCase

Service: AWS Marketplace Discovery

A use case describing a scenario where the product can be applied.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

description

A description of the use case.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

displayName

The human-readable name of the use case.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

value

The machine-readable identifier of the use case.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.*\S.*`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

UseCaseEntry

Service: AWS Marketplace Discovery

An entry in the list of use cases for a listing.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

useCase

The use case details.

Type: UseCase object

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ValidityTerm

Service: AWS Marketplace Discovery

Defines a validity term that specifies the duration or date range of an agreement.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

id

The unique identifier of the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: Yes

type

The category of the term.

Type: String

Valid Values: `ByolPricingTerm | ConfigurableUpfrontPricingTerm | FixedUpfrontPricingTerm | UsageBasedPricingTerm | FreeTrialPricingTerm | LegalTerm | PaymentScheduleTerm | RecurringPaymentTerm | RenewalTerm | SupportTerm | ValidityTerm | VariablePaymentTerm | NetPaymentTerm`

Required: Yes

agreementDuration

The duration of the agreement, in ISO 8601 format.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: No

agreementEndDate

The date when the agreement ends.

Type: Timestamp

Required: No

agreementStartDate

The date when the agreement starts.

Type: Timestamp

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

VariablePaymentTerm

Service: AWS Marketplace Discovery

Defines a variable payment term with a maximum total charge amount.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

currencyCode

Defines the currency for the prices in this term.

Type: String

Length Constraints: Fixed length of 3.

Pattern: `[A-Z]+`

Required: Yes

id

The unique identifier of the term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[A-Za-z0-9+=;,.@\-_]+`

Required: Yes

maxTotalChargeAmount

The maximum total amount that can be charged under this term.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Pattern: `( . )+`

Required: Yes

type

The category of the term.

Type: String

Valid Values: `ByolPricingTerm | ConfigurableUpfrontPricingTerm | FixedUpfrontPricingTerm | UsageBasedPricingTerm | FreeTrialPricingTerm | LegalTerm | PaymentScheduleTerm | RecurringPaymentTerm | RenewalTerm | SupportTerm | ValidityTerm | VariablePaymentTerm | NetPaymentTerm`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

AWS Marketplace Reporting Service

The following data types are supported by AWS Marketplace Reporting Service:

AWS Marketplace Metering Service

The following data types are supported by AWS Marketplace Metering Service:

- Metadata
- Tag
- UsageAllocation
- UsageRecord

- UsageRecordResult

Metadata

Service: AWS Marketplace Metering Service

Metadata associated with a resolved customer. Includes the `AgreementId` of the AWS Marketplace agreement the customer accepted.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AgreementId

The unique identifier of the AWS Marketplace agreement the customer accepted. Use it to call AWS Marketplace Agreement APIs.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[A-Za-z0-9_/-]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Tag

Service: AWS Marketplace Metering Service

Metadata assigned to an allocation. Each tag is made up of a `key` and a `value`.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

Key

One part of a key-value pair that makes up a `tag`. A `key` is a label that acts like a category for the specific tag values.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `^[a-zA-Z0-9+ -=._:\/@]+$`

Required: Yes

Value

One part of a key-value pair that makes up a `tag`. A `value` acts as a descriptor within a tag category (key). The value can be empty or null.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `^[a-zA-Z0-9+ -=._:\/@]+$`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

UsageAllocation

Service: AWS Marketplace Metering Service

Usage allocations allow you to split usage into buckets by tags.

Each `UsageAllocation` indicates the usage quantity for a specific set of tags.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

AllocatedUsageQuantity

The total quantity allocated to this bucket of usage.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 2147483647.

Required: Yes

Tags

The set of tags that define the bucket of usage. For the bucket of items with no tags, this parameter can be left out.

Type: Array of Tag objects

Array Members: Minimum number of 1 item. Maximum number of 5 items.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

UsageRecord

Service: AWS Marketplace Metering Service

A `UsageRecord` indicates a quantity of usage for a given product, customer, dimension and time.

Multiple requests with the same `UsageRecords` as input will be de-duplicated to prevent double charges.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

Dimension

During the process of registering a product on AWS Marketplace, dimensions are specified. These represent different units of value in your application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\s\S]+`

Required: Yes

Timestamp

Timestamp, in UTC, for which the usage is being reported.

Your application can meter usage for up to 24 hours in the past. Make sure the `timestamp` value is not before the start of the software usage.

At the end of each billing cycle, you have a 6-hour grace period to submit usage records for the previous billing month before 06:00 UTC on the first day of the next month.

Type: Timestamp

Required: Yes

CustomerAWSAccountId

The `CustomerAWSAccountId` parameter specifies the AWS account ID of the buyer.

> **Important**
>
> If you have an existing integration and need the `CustomerAWSAccountId` that corresponds to a `CustomerIdentifier`, contact AWS Marketplace Seller Operations to obtain the mapping. Do not request the `CustomerAWSAccountId` directly from buyers. We cannot verify that a buyer-provided account ID is authentic, which can result in incorrect metering or billing.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `^[0-9]+$`

Required: No

CustomerIdentifier

The `CustomerIdentifier` is obtained through the `ResolveCustomer` operation and represents an individual buyer in your application.

> **Important**
>
> `CustomerIdentifier` is not supported for new SaaS product integrations. Use `CustomerAWSAccountId` to identify the buyer.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 255.

Pattern: `[\s\S]*`

Required: No

LicenseArn

The `LicenseArn` is a unique identifier for a specific granted license. These are used for software purchased through AWS Marketplace.

> **Note**
>
> To access your `CustomerAWSAccountId` and `LicenseArn` mapping, visit Agreements Feeds.

Type: String

Pattern: `^arn:aws[a-zA-Z-]*:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9_/.-]{0,63}:[A-Za-z0-9][A-Za-z0-9:_/+=,@.-]{0,1023}$`

Required: No

Quantity

The quantity of usage consumed by the customer for the given dimension and time. Defaults to `0` if not specified.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 2147483647.

Required: No

UsageAllocations

The set of `UsageAllocations` to submit. The sum of all `UsageAllocation` quantities must equal the Quantity of the `UsageRecord`.

Type: Array of UsageAllocation objects

Array Members: Minimum number of 1 item. Maximum number of 2500 items.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

UsageRecordResult

Service: AWS Marketplace Metering Service

A `UsageRecordResult` indicates the status of a given `UsageRecord` processed by `BatchMeterUsage`.

Contents

> **Note**
>
> In the following list, the required parameters are described first.

MeteringRecordId

The `MeteringRecordId` is a unique identifier for this metering event.

Type: String

Required: No

Status

The `UsageRecordResult` `Status` indicates the status of an individual `UsageRecord` processed by `BatchMeterUsage`.

- *Success*- The `UsageRecord` was accepted and honored by `BatchMeterUsage`.
- *CustomerNotSubscribed*- The `CustomerIdentifier` specified is not able to use your product. The `UsageRecord` was not honored. There are three causes for this result:
  - The customer identifier is invalid.
  - The customer identifier provided in the metering record does not have an active agreement or subscription with this product. Future `UsageRecords` for this customer will fail until the customer subscribes to your product.
  - The customer's AWS account was suspended.
- *DuplicateRecord*- Indicates that the `UsageRecord` was invalid and not honored. A previously metered `UsageRecord` had the same customer, dimension, and time, but a different quantity.

Type: String

Valid Values: `Success | CustomerNotSubscribed | DuplicateRecord`

Required: No

UsageRecord

The `UsageRecord` that was part of the `BatchMeterUsage` request.

Type: UsageRecord object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Common Parameters

The following list contains the parameters that all actions use for signing Signature Version 4 requests with a query string. Any action-specific parameters are listed in the topic for that action. For more information about Signature Version 4, see Signing AWS API requests in the *IAM User Guide*.

X-Amz-Algorithm

The hash algorithm that you used to create the request signature.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Valid Values: `AWS4-HMAC-SHA256`

Required: Conditional

X-Amz-Credential

The credential scope value, which is a string that includes your access key, the date, the region you are targeting, the service you are requesting, and a termination string ("aws4_request"). The value is expressed in the following format: *access_key*/*YYYYMMDD*/*region*/*service*/aws4_request.

For more information, see Create a signed AWS API request in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-Date

The date that is used to create the signature. The format must be ISO 8601 basic format (YYYYMMDD'T'HHMMSS'Z'). For example, the following date time is a valid X-Amz-Date value: `20120325T120000Z`.

Condition: X-Amz-Date is optional for all requests; it can be used to override the date used for signing requests. If the Date header is specified in the ISO 8601 basic format, X-Amz-Date is not required. When X-Amz-Date is used, it always overrides the value of the Date header. For more information, see Elements of an AWS API request signature in the *IAM User Guide*.

Type: string

Required: Conditional

X-Amz-Security-Token

The temporary security token that was obtained through a call to AWS Security Token Service (AWS STS). For a list of services that support temporary security credentials from AWS STS, see AWS services that work with IAM in the *IAM User Guide*.

Condition: If you're using temporary security credentials from AWS STS, you must include the security token.

Type: string

Required: Conditional

X-Amz-Signature

Specifies the hex-encoded signature that was calculated from the string to sign and the derived signing key.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-SignedHeaders

Specifies all the HTTP headers that were included as part of the canonical request. For more information about specifying signed headers, see Create a signed AWS API request in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

Common Error Types

This section lists common error types that this AWS service may return. Not all services return all error types listed here. For errors specific to an API action for this service, see the topic for that API action.

AccessDeniedException

You don't have permission to perform this action. Verify that your IAM policy includes the required permissions.

HTTP Status Code: 403

ExpiredTokenException

The security token included in the request has expired. Request a new security token and try again.

HTTP Status Code: 403

IncompleteSignature

The request signature doesn't conform to AWS standards. Verify that you're using valid AWS credentials and that your request is properly formatted. If you're using an SDK, ensure it's up to date.

HTTP Status Code: 403

InternalFailure

The request can't be processed right now because of an internal server issue. Try again later. If the problem persists, contact AWS Support.

HTTP Status Code: 500

MalformedHttpRequestException

The request body can't be processed. This typically happens when the request body can't be decompressed using the specified content encoding algorithm. Verify that the content encoding header matches the compression format used.

HTTP Status Code: 400

NotAuthorized

You don't have permissions to perform this action. Verify that your IAM policy includes the required permissions.

HTTP Status Code: 401

OptInRequired

Your AWS account needs a subscription for this service. Verify that you've enabled the service in your account.

HTTP Status Code: 403

RequestAbortedException

The request was aborted before a response could be returned. This typically happens when the client closes the connection.

HTTP Status Code: 400

RequestEntityTooLargeException

The request entity is too large. Reduce the size of the request body and try again.

HTTP Status Code: 413

RequestTimeoutException

The request timed out. The server didn't receive the complete request within the expected time frame. Try again.

HTTP Status Code: 408

ServiceUnavailable

The service is temporarily unavailable. Try again later.

HTTP Status Code: 503

ThrottlingException

Your request rate is too high. The AWS SDKs automatically retry requests that receive this exception. Reduce the frequency of requests.

HTTP Status Code: 400

UnknownOperationException

The action or operation isn't recognized. Verify that the action name is spelled correctly and that it's supported by the API version you're using.

HTTP Status Code: 404

UnrecognizedClientException

The X.509 certificate or AWS access key ID you provided doesn't exist in our records. Verify that you're using valid credentials and that they haven't expired.

HTTP Status Code: 403

ValidationError

The input doesn't meet the required format or constraints. Check that all required parameters are included and that values are valid.

HTTP Status Code: 400