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# AWS Service Catalog

## Developer Guide



## **AWS Service Catalog: Developer Guide**

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# What Is AWS Service Catalog?

[AWS Service Catalog](#) enables organizations to create and manage catalogs of products that are approved for use on AWS.

If you are new to AWS Service Catalog, see the following guides: [AWS Service Catalog Administrator Guide](#) and [AWS Service Catalog User Guide](#).

## Benefits of Using the AWS Service Catalog API

The AWS Service Catalog API provides programmatic control over all end-user actions as an alternative to using the AWS Management Console. When you use the API, you can do the following:

- Write your own custom interfaces and apps
- Obtain fine-grained control of end user product provisioning operations
- Integrate resource provisioning into your orchestration pipelines
- Access a central location that hosts your applications with their resources

## Access AWS Service Catalog

To build applications using language-specific APIs, use the libraries, sample code, tutorials, and other resources for software developers. These libraries provide basic functions that automate tasks such as cryptographically signing your requests, retrying requests, and handling error responses, making it is easier for you to get started. To get started, open [Tools for Amazon Web Services](#) and locate the SDK of your choice under **SDKs**.

If you prefer to use a command line interface, you have the following options:

### **AWS Command Line Interface (CLI)**

To get started, see the [AWS Command Line Interface User Guide](#). For more information about the commands for AWS Service Catalog, see [servicecatalog](#) in the *AWS CLI Command Reference*.

### **AWS Tools for Windows PowerShell**

To get started, see the [AWS Tools for Windows PowerShell User Guide](#). For more information about the cmdlets for AWS Service Catalog, open the [AWS Tools for PowerShell Cmdlet Reference](#) and expand **AWS Service Catalog**.

## Example Workflow

In this scenario, the administrator creates resources using AWS Service Catalog and an end user finds what products are available and provisions the product. This is an example workflow; this is not the only way to use the AWS Service Catalog API.

### **Administrator Tasks**

- Create portfolios, product views, products, product versions, and constraints.
- Assign IAM users to products, which gives them access.

## End User Tasks

1. The user calls [SearchProducts \(p. 211\)](#) with no arguments. This returns the list of products the user has access to, as well as a "SearchDomain" that can be used to scope the results.
2. The user continues to call [SearchProducts \(p. 211\)](#) with additional search filters until the desired product is found.
3. The user calls [DescribeProductView \(p. 101\)](#) to find the list of provisioning artifacts (also known as versions) for this product. This determines what the user actually provisions.
4. The user calls [ListLaunchPaths \(p. 160\)](#) to find the list of paths for this product, along with the constraints for each path. This determines what set of constraints is applied on the provisioned product.
5. After choosing a provisioning artifact and a path, the user calls [DescribeProvisioningParameters \(p. 112\)](#). This returns the list of parameters the user must provide before provisioning a product using the provisioning artifact and path, along with whatever additional usage instructions the administrator decided to provide.
6. The user calls [ProvisionProduct \(p. 201\)](#), specifying the product, provisioning artifact, path, and input parameters. The input parameters are a list of key-value pairs, where the keys are obtained using [DescribeProvisioningParameters \(p. 112\)](#) and the values are user-provided (for example, `{ParameterKey:"dbpassword", ParameterValue:"mycoolpassword"}`). This starts a workflow to create the specified AWS resources. It also creates a record detail that tracks the provisioning request, and a provisioned product object that represents the underlying AWS resources.
7. The user polls [DescribeRecord \(p. 116\)](#) to see when the status of the record detail changes from the `IN_PROGRESS` state to a completed state (either `SUCCEEDED` or `ERROR`).
8. When the record detail for the request is in a completed state, the user calls [DescribeRecord \(p. 116\)](#) once more. The outputs identifies the created resources.
9. The user calls [UpdateProvisionedProduct \(p. 242\)](#) to update the underlying resources in place. Depending on the specific updates requested, this operation can update with no interruption, with some interruption, or replace the provisioned product entirely.
10. Finally, the user calls [TerminateProvisionedProduct \(p. 224\)](#) to terminate the provisioned product.

# AWS Service Catalog API Overview

The AWS Service Catalog API can be logically divided into the following categories.

## Operations by category

- [Product Discovery](#) (p. 3)
- [Provisioning Requests](#) (p. 4)
- [Provisioned Products](#) (p. 4)
- [Provisioned Product Plans](#) (p. 5)
- [Portfolios](#) (p. 5)
- [Principal Association](#) (p. 6)
- [Products](#) (p. 6)
- [Provisioning Artifacts](#) (p. 7)
- [Constraints](#) (p. 7)
- [Service Actions](#) (p. 7)
- [TagOptions](#) (p. 8)
- [AppRegistry](#) (p. 8)

## Product Discovery

Use these operations to discover or get information about products and the launch requirements for them. These operations do not create or modify resources.

### [SearchProducts](#) (p. 211)

Lists all products to which the caller has access.

### [DescribeProduct](#) (p. 94)

Get detailed information about a product.

### [DescribeProductView](#) (p. 101)

Functionally identical to `DescribeProduct`, except that it takes the ID of a product view instead of the ID of a product.

### [ListLaunchPaths](#) (p. 160)

Lists all of the ways the user has access to a specified product, referred to as *paths* to the product. A user must select a path in order to provision the product.

### [DescribeProvisioningParameters](#) (p. 112)

Gets the parameters needed to provision a specified product, and provides additional metadata about what will happen when the product is provisioned.

Each `ProvisioningArtifactParameter` is something the user must specify in order to successfully provision the product (for example, the size of an EC2 instance). The

`ConstraintSummary` objects contain the list of allowable values and additional metadata about the `ProvisioningArtifactParameter` objects.

## Provisioning Requests

Use these operations to request, update, or terminate provisioning for a product.

### [ProvisionProduct](#) (p. 201)

Requests provisioning for a product. To provision a product is to launch the resources needed to bring that product online for actual use. For example, provisioning a product backed by an AWS CloudFormation template means launching an AWS CloudFormation stack and all its underlying resources.

### [UpdateProvisionedProduct](#) (p. 242)

Updates the configuration of a provisioned product. For example, a product backed by AWS CloudFormation gets its underlying AWS CloudFormation stack updated. The requester must have sufficient access permissions to the specified `ProvisionedProduct`.

### [TerminateProvisionedProduct](#) (p. 224)

Requests termination of a provisioned product. For example, for a product backed by AWS CloudFormation, this deletes the underlying AWS CloudFormation stack. The requester must have sufficient access permissions to the specified provisioned product.

## Provisioned Products

Use these operations to get information about provisioned products. These operations do not create or modify resources.

### [ListRecordHistory](#) (p. 185)

Lists all requests performed, even for terminated provisioned products.

### [DescribeRecord](#) (p. 116)

Gets information about a request. Use this operation after the request operation to obtain current `RecordDetail` information.

### [SearchProvisionedProducts](#) (p. 220)

Gets information about the provisioned products that meet specified criteria.

### [ScanProvisionedProducts](#) (p. 208)

Lists the provisioned products that are not terminated.

### [DescribeProvisionedProduct](#) (p. 103)

Gets information about a provisioned product.

### [ImportAsProvisionedProduct](#) (p. 147)

Requests the import of a resource as a Service Catalog provisioned product that is associated to a Service Catalog product and provisioning artifact. Once imported, all supported Service Catalog governance actions are supported on the provisioned product.

### [UpdateProvisionedProductProperties](#) (p. 247)

Requests updates to the properties of the specified provisioned product.

## Provisioned Product Plans

Use these operations to manage your provisioned product plans. A plan includes the list of resources to create or modify when you execute the plan.

[CreateProvisionedProductPlan](#) (p. 50)

Creates a plan.

[DescribeProvisionedProductPlan](#) (p. 106)

Gets information about the resource changes for a plan.

[ExecuteProvisionedProductPlan](#) (p. 137)

Provisions or modifies a product based on a plan.

[ListProvisionedProductPlans](#) (p. 177)

Lists the plans for a provisioned product.

[DeleteProvisionedProductPlan](#) (p. 73)

Deletes a plan.

## Portfolios

Catalog administrators use these operations provide all necessary operations for portfolio management.

[CreatePortfolio](#) (p. 39)

Creates a portfolio.

[DeletePortfolio](#) (p. 66)

Deletes a portfolio.

[DescribePortfolio](#) (p. 85)

Gets detailed information about a portfolio.

[DescribePortfolioShares](#) (p. 88)

Returns a summary of each of the portfolio shares that were created for the specified portfolio.

[ListPortfolios](#) (p. 169)

Lists all portfolios in the catalog.

[ListPortfoliosForProduct](#) (p. 171)

Lists all portfolios that a product is associated with.

[UpdatePortfolio](#) (p. 231)

Updates a portfolio.

[UpdatePortfolioShare](#) (p. 235)

Updates a portfolio share.

[CreatePortfolioShare](#) (p. 42)

Shares a portfolio with an AWS account.

[DeletePortfolioShare](#) (p. 68)

Stops sharing a portfolio.



[AcceptPortfolioShare](#) (p. 16)

Accepts an offer to share a portfolio.

[RejectPortfolioShare](#) (p. 206)

Rejects an offer to share a portfolio.

[ListAcceptedPortfolioShares](#) (p. 151)

Lists details of all portfolios for which sharing was accepted by this account.

[ListPortfolioAccess](#) (p. 166)

Lists the account IDs that have access to a portfolio.

## Principal Association

Catalog administrators use these operations provide all necessary operations for principal association.

[AssociatePrincipalWithPortfolio](#) (p. 20)

Associates a principal ARN with a portfolio.

[DisassociatePrincipalFromPortfolio](#) (p. 128)

Disassociates a principal ARN from a portfolio.

[ListPrincipalsForPortfolio](#) (p. 174)

Lists all principal ARNs associated with a portfolio.

## Products

Catalog administrators use these operations provide all necessary operations for product management.

[SearchProductsAsAdmin](#) (p. 216)

Gets summary and status information for products.

[DescribeProductAsAdmin](#) (p. 97)

Gets information about a product.

[CreateProduct](#) (p. 45)

Creates a product.

[CopyProduct](#) (p. 32)

Copies a product.

[DescribeCopyProductStatus](#) (p. 83)

Gets the status of a copy product operation.

[UpdateProduct](#) (p. 238)

Updates a product.

[DeleteProduct](#) (p. 71)

Deletes a product.

[AssociateProductWithPortfolio](#) (p. 22)

Associates a product with a portfolio.

[DisassociateProductFromPortfolio](#) (p. 130)

Disassociates a product from a portfolio.

## Provisioning Artifacts

Catalog administrators use these operations manage provisioning artifacts (also known as product versions).

[DescribeProvisioningArtifact](#) (p. 109)

Gets information about a provisioning artifact.

[CreateProvisioningArtifact](#) (p. 55)

Creates a provisioning artifact for a product.

[DeleteProvisioningArtifact](#) (p. 75)

Deletes a provisioning artifact.

[ListProvisioningArtifacts](#) (p. 180)

Lists all provisioning artifacts associated with a product.

[UpdateProvisioningArtifact](#) (p. 251)

Updates a provisioning artifact.

## Constraints

Catalog administrator use these operations manage constraints.

[CreateConstraint](#) (p. 35)

Creates a constraint.

[DeleteConstraint](#) (p. 64)

Deletes a constraint.

[DescribeConstraint](#) (p. 81)

Gets information about a constraint.

[UpdateConstraint](#) (p. 227)

Updates a constraint.

[ListConstraintsForPortfolio](#) (p. 157)

Gets constraint information for the a portfolio and product.

## Service Actions

Catalog administrators use these operations to manage service actions.

[AssociateServiceActionWithProvisioningArtifact](#) (p. 24)

Associates a self-service action with a provisioning artifact.

[CreateServiceAction](#) (p. 59)

Creates a self-service action.

[DeleteServiceAction](#) (p. 77)

Deletes a self-service action.

[DescribeServiceAction](#) (p. 119)

Describes a self-service action.

[DescribeServiceActionExecutionParameters](#) (p. 121)

Finds the default parameters for a specific self-service action on a specific provisioned product and returns a map of the results to the user.

[ExecuteProvisionedProductServiceAction](#) (p. 140)

Executes a self-service action against a provisioned product.

[UpdateServiceAction](#) (p. 254)

Updates a self-service action.

## TagOptions

Catalog administrators use these operations to manage TagOptions.

[CreateTagOption](#) (p. 62)

Creates a TagOption.

[ListTagOptions](#) (p. 199)

Lists your TagOptions.

[DescribeTagOption](#) (p. 123)

Describes a TagOption.

[UpdateTagOption](#) (p. 257)

Updates a TagOption.

[AssociateTagOptionWithResource](#) (p. 26)

Associates a TagOption with a resource.

[DisassociateTagOptionFromResource](#) (p. 134)

Disassociates a TagOption from a resource.

[ListResourcesForTagOption](#) (p. 188)

Lists the resources for a TagOption.

[DeleteTagOption](#) (p. 79)

Deletes a TagOption.

## AppRegistry

Serves as a repository for your applications, their resources, and the application metadata that you use in your enterprise.

[AssociateAttributeGroup](#) (p. 260)

Associates an attribute group with an application to augment the application's metadata with the group's attributes.

[AssociateResource](#) (p. 262)

Associates a resource with an application.

[CreateApplication](#) (p. 265)

Creates a new application that is the top-level node in a hierarchy of related cloud resource abstractions.

[CreateAttributeGroup](#) (p. 268)

Creates a new attribute group as a container for user-defined attributes.

[DeleteApplication](#) (p. 271)

Deletes an application that is specified either by its application ID or name.

[DeleteAttributeGroup](#) (p. 273)

Deletes an attribute group, specified either by its attribute group ID or name.

[DisassociateAttributeGroup](#) (p. 275)

Disassociates an attribute group from an application to remove the extra attributes contained in the attribute group from the application's metadata.

[DisassociateResource](#) (p. 277)

Disassociates a resource from application.

[GetApplication](#) (p. 279)

Retrieves metadata information about one of your applications.

[GetAssociatedResource](#) (p. 282)

Gets the resource associated with the application.

[GetAttributeGroup](#) (p. 284)

Retrieves an attribute group, either by its name or its ID.

[ListApplications](#) (p. 287)

Lists all attribute groups that are associated with specified application.

[ListAssociatedAttributeGroups](#) (p. 289)

Lists all attribute groups that are associated with specified application.

[ListAssociatedResources](#) (p. 291)

Lists all resources that are associated with specified application.

[ListAttributeGroups](#) (p. 293)

Lists all attribute groups which you have access to.

[ListTagsForResource](#) (p. 295)

Lists all of the tags on the resource.

[TagResource](#) (p. 300)

Assigns one or more tags (key-value pairs) to the specified resource.

[SyncResource](#) (p. 297)

Syncs the resource with what is currently recorded in AppRegistry.

[UntagResource](#) (p. 302)

Removes tags from a resource.

[UpdateApplication](#) (p. 304)

Updates an existing application with new attributes.

[UpdateAttributeGroup](#) (p. 307)

Updates an existing attribute group with new details.

# API Reference

The following actions and data types are supported:

- [Actions \(p. 11\)](#)
- [Data Types \(p. 309\)](#)

## Actions

The following actions are supported by AWS Service Catalog:

- [AcceptPortfolioShare \(p. 16\)](#)
- [AssociateBudgetWithResource \(p. 18\)](#)
- [AssociatePrincipalWithPortfolio \(p. 20\)](#)
- [AssociateProductWithPortfolio \(p. 22\)](#)
- [AssociateServiceActionWithProvisioningArtifact \(p. 24\)](#)
- [AssociateTagOptionWithResource \(p. 26\)](#)
- [BatchAssociateServiceActionWithProvisioningArtifact \(p. 28\)](#)
- [BatchDisassociateServiceActionFromProvisioningArtifact \(p. 30\)](#)
- [CopyProduct \(p. 32\)](#)
- [CreateConstraint \(p. 35\)](#)
- [CreatePortfolio \(p. 39\)](#)
- [CreatePortfolioShare \(p. 42\)](#)
- [CreateProduct \(p. 45\)](#)
- [CreateProvisionedProductPlan \(p. 50\)](#)
- [CreateProvisioningArtifact \(p. 55\)](#)
- [CreateServiceAction \(p. 59\)](#)
- [CreateTagOption \(p. 62\)](#)
- [DeleteConstraint \(p. 64\)](#)
- [DeletePortfolio \(p. 66\)](#)
- [DeletePortfolioShare \(p. 68\)](#)
- [DeleteProduct \(p. 71\)](#)
- [DeleteProvisionedProductPlan \(p. 73\)](#)
- [DeleteProvisioningArtifact \(p. 75\)](#)
- [DeleteServiceAction \(p. 77\)](#)
- [DeleteTagOption \(p. 79\)](#)
- [DescribeConstraint \(p. 81\)](#)
- [DescribeCopyProductStatus \(p. 83\)](#)
- [DescribePortfolio \(p. 85\)](#)
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- [DescribeProduct \(p. 94\)](#)
- [DescribeProductAsAdmin \(p. 97\)](#)

- [DescribeProductView](#) (p. 101)
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- [DescribeRecord](#) (p. 116)
- [DescribeServiceAction](#) (p. 119)
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- [DisableAWSOrganizationsAccess](#) (p. 125)
- [DisassociateBudgetFromResource](#) (p. 126)
- [DisassociatePrincipalFromPortfolio](#) (p. 128)
- [DisassociateProductFromPortfolio](#) (p. 130)
- [DisassociateServiceActionFromProvisioningArtifact](#) (p. 132)
- [DisassociateTagOptionFromResource](#) (p. 134)
- [EnableAWSOrganizationsAccess](#) (p. 136)
- [ExecuteProvisionedProductPlan](#) (p. 137)
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- [GetAWSOrganizationsAccessStatus](#) (p. 143)
- [GetProvisionedProductOutputs](#) (p. 144)
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- [ListAcceptedPortfolioShares](#) (p. 151)
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- [ListLaunchPaths](#) (p. 160)
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- [ListPortfolios](#) (p. 169)
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- [ListStackInstancesForProvisionedProduct](#) (p. 196)
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- [ProvisionProduct](#) (p. 201)
- [RejectPortfolioShare](#) (p. 206)
- [ScanProvisionedProducts](#) (p. 208)
- [SearchProducts](#) (p. 211)
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- [SearchProvisionedProducts](#) (p. 220)
- [TerminateProvisionedProduct](#) (p. 224)

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- [UpdateProvisioningArtifact](#) (p. 251)
- [UpdateServiceAction](#) (p. 254)
- [UpdateTagOption](#) (p. 257)

The following actions are supported by AWS Service Catalog App Registry:

- [AssociateAttributeGroup](#) (p. 260)
- [AssociateResource](#) (p. 262)
- [CreateApplication](#) (p. 265)
- [CreateAttributeGroup](#) (p. 268)
- [DeleteApplication](#) (p. 271)
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- [TagResource](#) (p. 300)
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The following actions are supported by AWS Service Catalog:

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- [CopyProduct](#) (p. 32)
- [CreateConstraint](#) (p. 35)
- [CreatePortfolio](#) (p. 39)
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- [DescribeProductAsAdmin](#) (p. 97)
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## AcceptPortfolioShare

Service: AWS Service Catalog

Accepts an offer to share the specified portfolio.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "PortfolioId": "string",  
  "PortfolioShareType": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 16)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### PortfolioId (p. 16)

The portfolio identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### PortfolioShareType (p. 16)

The type of shared portfolios to accept. The default is to accept imported portfolios.

- `AWS_ORGANIZATIONS` - Accept portfolios shared by the management account of your organization.
- `IMPORTED` - Accept imported portfolios.
- `AWS_SERVICECATALOG` - Not supported. (Throws `ResourceNotFoundException`.)

For example, `aws servicecatalog accept-portfolio-share --portfolio-id "port-2qwzkwxt3y5fk" --portfolio-share-type AWS_ORGANIZATIONS`

Type: String

Valid Values: `IMPORTED | AWS_SERVICECATALOG | AWS_ORGANIZATIONS`

Required: No

## Response Elements

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

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **LimitExceededException**

The current limits of the service would have been exceeded by this operation. Decrease your resource use or increase your service limits and retry the operation.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## AssociateBudgetWithResource

Service: AWS Service Catalog

Associates the specified budget with the specified resource.

### Request Syntax

```
{  
  "BudgetName": "string",  
  "ResourceId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### **BudgetName** (p. 18)

The name of the budget you want to associate.

Type: String

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

Required: Yes

#### **ResourceId** (p. 18)

The resource identifier. Either a portfolio-id or a product-id.

Type: String

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

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

#### **DuplicateResourceException**

The specified resource is a duplicate.

HTTP Status Code: 400

#### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

#### **LimitExceededException**

The current limits of the service would have been exceeded by this operation. Decrease your resource use or increase your service limits and retry the operation.

HTTP Status Code: 400

**ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## AssociatePrincipalWithPortfolio

Service: AWS Service Catalog

Associates the specified principal ARN with the specified portfolio.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "PortfolioId": "string",  
  "PrincipalARN": "string",  
  "PrincipalType": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 20)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### PortfolioId (p. 20)

The portfolio identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### PrincipalARN (p. 20)

The ARN of the principal (IAM user, role, or group).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Required: Yes

#### PrincipalType (p. 20)

The principal type. The supported value is `IAM`.

Type: String

Valid Values: `IAM`

Required: Yes

## Response Elements

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

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **LimitExceededException**

The current limits of the service would have been exceeded by this operation. Decrease your resource use or increase your service limits and retry the operation.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)



## AssociateProductWithPortfolio

Service: AWS Service Catalog

Associates the specified product with the specified portfolio.

A delegated admin is authorized to invoke this command.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "PortfolioId": "string",  
  "ProductId": "string",  
  "SourcePortfolioId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 22)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### PortfolioId (p. 22)

The portfolio identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### ProductId (p. 22)

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### SourcePortfolioId (p. 22)

The identifier of the source portfolio.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

## Response Elements

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

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **LimitExceededException**

The current limits of the service would have been exceeded by this operation. Decrease your resource use or increase your service limits and retry the operation.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## AssociateServiceActionWithProvisioningArtifact

Service: AWS Service Catalog

Associates a self-service action with a provisioning artifact.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "ProductId": "string",  
  "ProvisioningArtifactId": "string",  
  "ServiceActionId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 24)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### ProductId (p. 24)

The product identifier. For example, prod-abcdek7xy33qa.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### ProvisioningArtifactId (p. 24)

The identifier of the provisioning artifact. For example, pa-4abcdjnxjj6ne.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### ServiceActionId (p. 24)

The self-service action identifier. For example, act-fs7abcd89wxyz.

Type: String

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

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

### **DuplicateResourceException**

The specified resource is a duplicate.

HTTP Status Code: 400

### **LimitExceededException**

The current limits of the service would have been exceeded by this operation. Decrease your resource use or increase your service limits and retry the operation.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## AssociateTagOptionWithResource

Service: AWS Service Catalog

Associate the specified TagOption with the specified portfolio or product.

### Request Syntax

```
{  
  "ResourceId": "string",  
  "TagOptionId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### ResourceId (p. 26)

The resource identifier.

Type: String

Required: Yes

#### TagOptionId (p. 26)

The TagOption identifier.

Type: String

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

Required: Yes

### Response Elements

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

### Errors

#### DuplicateResourceException

The specified resource is a duplicate.

HTTP Status Code: 400

#### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

#### InvalidStateException

An attempt was made to modify a resource that is in a state that is not valid. Check your resources to ensure that they are in valid states before retrying the operation.

HTTP Status Code: 400

#### LimitExceededException

The current limits of the service would have been exceeded by this operation. Decrease your resource use or increase your service limits and retry the operation.

HTTP Status Code: 400

**ResourceNotFoundException**

The specified resource was not found.

HTTP Status Code: 400

**TagOptionNotMigratedException**

An operation requiring TagOptions failed because the TagOptions migration process has not been performed for this account. Use the AWS Management Console to perform the migration process before retrying the operation.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## BatchAssociateServiceActionWithProvisioningArtifact

Service: AWS Service Catalog

Associates multiple self-service actions with provisioning artifacts.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "ServiceActionAssociations": [
    {
      "ProductId": "string",
      "ProvisioningArtifactId": "string",
      "ServiceActionId": "string"
    }
  ]
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 28)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### ServiceActionAssociations (p. 28)

One or more associations, each consisting of the Action ID, the Product ID, and the Provisioning Artifact ID.

Type: Array of [ServiceActionAssociation \(p. 380\)](#) objects

Array Members: Minimum number of 1 item. Maximum number of 50 items.

Required: Yes

### Response Syntax

```
{
  "FailedServiceActionAssociations": [
    {
      "ErrorCode": "string",
      "ErrorMessage": "string",
      "ProductId": "string",
      "ProvisioningArtifactId": "string",
      "ServiceActionId": "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.

### **FailedServiceActionAssociations** (p. 28)

An object that contains a list of errors, along with information to help you identify the self-service action.

Type: Array of [FailedServiceActionAssociation](#) (p. 320) objects

Array Members: Maximum number of 50 items.

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)



## BatchDisassociateServiceActionFromProvisioningArtifact

Service: AWS Service Catalog

Disassociates a batch of self-service actions from the specified provisioning artifact.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "ServiceActionAssociations": [
    {
      "ProductId": "string",
      "ProvisioningArtifactId": "string",
      "ServiceActionId": "string"
    }
  ]
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 30)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### ServiceActionAssociations (p. 30)

One or more associations, each consisting of the Action ID, the Product ID, and the Provisioning Artifact ID.

Type: Array of [ServiceActionAssociation \(p. 380\)](#) objects

Array Members: Minimum number of 1 item. Maximum number of 50 items.

Required: Yes

### Response Syntax

```
{
  "FailedServiceActionAssociations": [
    {
      "ErrorCode": "string",
      "ErrorMessage": "string",
      "ProductId": "string",
      "ProvisioningArtifactId": "string",
      "ServiceActionId": "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.

### **FailedServiceActionAssociations** (p. 30)

An object that contains a list of errors, along with information to help you identify the self-service action.

Type: Array of [FailedServiceActionAssociation](#) (p. 320) objects

Array Members: Maximum number of 50 items.

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## CopyProduct

Service: AWS Service Catalog

Copies the specified source product to the specified target product or a new product.

You can copy a product to the same account or another account. You can copy a product to the same Region or another Region. If you copy a product to another account, you must first share the product in a portfolio using [CreatePortfolioShare](#) (p. 42).

This operation is performed asynchronously. To track the progress of the operation, use [DescribeCopyProductStatus](#) (p. 83).

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "CopyOptions": [ "string" ],
  "IdempotencyToken": "string",
  "SourceProductArn": "string",
  "SourceProvisioningArtifactIdentifiers": [
    {
      "string" : "string"
    }
  ],
  "TargetProductId": "string",
  "TargetProductName": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### [AcceptLanguage](#) (p. 32)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### [CopyOptions](#) (p. 32)

The copy options. If the value is `CopyTags`, the tags from the source product are copied to the target product.

Type: Array of strings

Valid Values: `CopyTags`

Required: No

#### [IdempotencyToken](#) (p. 32)

A unique identifier that you provide to ensure idempotency. If multiple requests differ only by the idempotency token, the same response is returned for each repeated request.

Type: String

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

Pattern: `[a-zA-Z0-9][a-zA-Z0-9_-]*`

Required: Yes

#### **SourceProductArn (p. 32)**

The Amazon Resource Name (ARN) of the source product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1224.

Pattern: `arn:[a-z0-9-\.]{1,63}:[a-z0-9-\.]{0,63}:[a-z0-9-\.]{0,63}:[a-z0-9-\.]{0,63}:[^/]{0,1023}`

Required: Yes

#### **SourceProvisioningArtifactIdentifiers (p. 32)**

The identifiers of the provisioning artifacts (also known as versions) of the product to copy. By default, all provisioning artifacts are copied.

Type: Array of string to string maps

Valid Keys: `Id`

Required: No

#### **TargetProductId (p. 32)**

The identifier of the target product. By default, a new product is created.

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: No

#### **TargetProductName (p. 32)**

A name for the target product. The default is the name of the source product.

Type: String

Length Constraints: Maximum length of 8191.

Required: No

## **Response Syntax**

```
{
  "CopyProductToken": "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.

#### **CopyProductToken** (p. 33)

The token to use to track the progress of the operation.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## CreateConstraint

Service: AWS Service Catalog

Creates a constraint.

A delegated admin is authorized to invoke this command.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "Description": "string",  
  "IdempotencyToken": "string",  
  "Parameters": "string",  
  "PortfolioId": "string",  
  "ProductId": "string",  
  "Type": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 35)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### Description (p. 35)

The description of the constraint.

Type: String

Length Constraints: Maximum length of 2000.

Required: No

#### IdempotencyToken (p. 35)

A unique identifier that you provide to ensure idempotency. If multiple requests differ only by the idempotency token, the same response is returned for each repeated request.

Type: String

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

Pattern: [a-zA-Z0-9][a-zA-Z0-9\_-]\*

Required: Yes

#### Parameters (p. 35)

The constraint parameters, in JSON format. The syntax depends on the constraint type as follows:

## LAUNCH

You are required to specify either the `RoleArn` or the `LocalRoleName` but can't use both.

Specify the `RoleArn` property as follows:

```
{"RoleArn" : "arn:aws:iam::123456789012:role/LaunchRole"}
```

Specify the `LocalRoleName` property as follows:

```
{"LocalRoleName": "SCBasicLaunchRole"}
```

If you specify the `LocalRoleName` property, when an account uses the launch constraint, the IAM role with that name in the account will be used. This allows launch-role constraints to be account-agnostic so the administrator can create fewer resources per shared account.

### Note

The given role name must exist in the account used to create the launch constraint and the account of the user who launches a product with this launch constraint.

You cannot have both a `LAUNCH` and a `STACKSET` constraint.

You also cannot have more than one `LAUNCH` constraint on a product and portfolio.

## NOTIFICATION

Specify the `NotificationArns` property as follows:

```
{"NotificationArns" : ["arn:aws:sns:us-east-1:123456789012:Topic"]}
```

## RESOURCE\_UPDATE

Specify the `TagUpdatesOnProvisionedProduct` property as follows:

```
{"Version": "2.0", "Properties":  
{"TagUpdateOnProvisionedProduct": "String"}}
```

The `TagUpdatesOnProvisionedProduct` property accepts a string value of `ALLOWED` or `NOT_ALLOWED`.

## STACKSET

Specify the `Parameters` property as follows:

```
{"Version": "String", "Properties": {"AccountList": [ "String" ],  
"RegionList": [ "String" ], "AdminRole": "String", "ExecutionRole":  
"String"}}
```

You cannot have both a `LAUNCH` and a `STACKSET` constraint.

You also cannot have more than one `STACKSET` constraint on a product and portfolio.

Products with a `STACKSET` constraint will launch an AWS CloudFormation stack set.

## TEMPLATE

Specify the `Rules` property. For more information, see [Template Constraint Rules](#).

Type: String

Required: Yes

**PortfolioId** (p. 35)

The portfolio identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### **ProductId (p. 35)**

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### **Type (p. 35)**

The type of constraint.

- LAUNCH
- NOTIFICATION
- RESOURCE\_UPDATE
- STACKSET
- TEMPLATE

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: Yes

## Response Syntax

```
{
  "ConstraintDetail": {
    "ConstraintId": "string",
    "Description": "string",
    "Owner": "string",
    "PortfolioId": "string",
    "ProductId": "string",
    "Type": "string"
  },
  "ConstraintParameters": "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.

#### **ConstraintDetail (p. 37)**

Information about the constraint.



Type: [ConstraintDetail](#) (p. 316) object

**[ConstraintParameters](#) (p. 37)**

The constraint parameters.

Type: String

**[Status](#) (p. 37)**

The status of the current request.

Type: String

Valid Values: AVAILABLE | CREATING | FAILED

## Errors

**DuplicateResourceException**

The specified resource is a duplicate.

HTTP Status Code: 400

**InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

**LimitExceededException**

The current limits of the service would have been exceeded by this operation. Decrease your resource use or increase your service limits and retry the operation.

HTTP Status Code: 400

**ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## CreatePortfolio

Service: AWS Service Catalog

Creates a portfolio.

A delegated admin is authorized to invoke this command.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "Description": "string",
  "DisplayName": "string",
  "IdempotencyToken": "string",
  "ProviderName": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 39)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### Description (p. 39)

The description of the portfolio.

Type: String

Length Constraints: Maximum length of 2000.

Required: No

#### DisplayName (p. 39)

The name to use for display purposes.

Type: String

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

Required: Yes

### IdempotencyToken (p. 39)

A unique identifier that you provide to ensure idempotency. If multiple requests differ only by the idempotency token, the same response is returned for each repeated request.

Type: String

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

Pattern: [a-zA-Z0-9][a-zA-Z0-9\_-]\*

Required: Yes

### ProviderName (p. 39)

The name of the portfolio provider.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Required: Yes

### Tags (p. 39)

One or more tags.

Type: Array of [Tag \(p. 386\)](#) objects

Array Members: Maximum number of 20 items.

Required: No

## Response Syntax

```
{
  "PortfolioDetail": {
    "ARN": "string",
    "CreatedTime": number,
    "Description": "string",
    "DisplayName": "string",
    "Id": "string",
    "ProviderName": "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.

### PortfolioDetail (p. 40)

Information about the portfolio.

Type: [PortfolioDetail](#) (p. 329) object

**Tags** (p. 40)

Information about the tags associated with the portfolio.

Type: Array of [Tag](#) (p. 386) objects

Array Members: Maximum number of 50 items.

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **LimitExceededException**

The current limits of the service would have been exceeded by this operation. Decrease your resource use or increase your service limits and retry the operation.

HTTP Status Code: 400

### **TagOptionNotMigratedException**

An operation requiring TagOptions failed because the TagOptions migration process has not been performed for this account. Use the AWS Management Console to perform the migration process before retrying the operation.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## CreatePortfolioShare

Service: AWS Service Catalog

Shares the specified portfolio with the specified account or organization node. Shares to an organization node can only be created by the management account of an organization or by a delegated administrator. You can share portfolios to an organization, an organizational unit, or a specific account.

Note that if a delegated admin is de-registered, they can no longer create portfolio shares.

AWSOrganizationsAccess must be enabled in order to create a portfolio share to an organization node.

You can't share a shared resource, including portfolios that contain a shared product.

If the portfolio share with the specified account or organization node already exists, this action will have no effect and will not return an error. To update an existing share, you must use the UpdatePortfolioShare API instead.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "AccountId": "string",
  "OrganizationNode": {
    "Type": "string",
    "Value": "string"
  },
  "PortfolioId": "string",
  "ShareTagOptions": boolean
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 42)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### AccountId (p. 42)

The AWS account ID. For example, 123456789012.

Type: String

Pattern: `^[0-9]{12}$`

Required: No

#### OrganizationNode (p. 42)

The organization node to whom you are going to share. When you pass OrganizationNode, it creates PortfolioShare for all of the AWS accounts that are associated to the

`OrganizationNode`. The output returns a `PortfolioShareToken`, which enables the administrator to monitor the status of the `PortfolioShare` creation process.

Type: [OrganizationNode](#) (p. 326) object

Required: No

#### **PortfolioId** (p. 42)

The portfolio identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### **ShareTagOptions** (p. 42)

Enables or disables `TagOptions` sharing when creating the portfolio share. If this flag is not provided, `TagOptions` sharing is disabled.

Type: Boolean

Required: No

## Response Syntax

```
{
  "PortfolioShareToken": "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.

#### **PortfolioShareToken** (p. 43)

The portfolio shares a unique identifier that only returns if the portfolio is shared to an organization node.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **InvalidStateException**

An attempt was made to modify a resource that is in a state that is not valid. Check your resources to ensure that they are in valid states before retrying the operation.

HTTP Status Code: 400

### **LimitExceededException**

The current limits of the service would have been exceeded by this operation. Decrease your resource use or increase your service limits and retry the operation.

HTTP Status Code: 400

### **OperationNotSupportedException**

The operation is not supported.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## CreateProduct

Service: AWS Service Catalog

Creates a product.

A delegated admin is authorized to invoke this command.

The user or role that performs this operation must have the `cloudformation:GetTemplate` IAM policy permission. This policy permission is required when using the `ImportFromPhysicalId` template source in the information data section.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "Description": "string",
  "Distributor": "string",
  "IdempotencyToken": "string",
  "Name": "string",
  "Owner": "string",
  "ProductType": "string",
  "ProvisioningArtifactParameters": {
    "Description": "string",
    "DisableTemplateValidation": boolean,
    "Info": {
      "string" : "string"
    },
    "Name": "string",
    "Type": "string"
  },
  "SupportDescription": "string",
  "SupportEmail": "string",
  "SupportUrl": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 45)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### Description (p. 45)

The description of the product.



Type: String

Length Constraints: Maximum length of 8191.

Required: No

**Distributor (p. 45)**

The distributor of the product.

Type: String

Length Constraints: Maximum length of 8191.

Required: No

**IdempotencyToken (p. 45)**

A unique identifier that you provide to ensure idempotency. If multiple requests differ only by the idempotency token, the same response is returned for each repeated request.

Type: String

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

Pattern: [a-zA-Z0-9][a-zA-Z0-9\_-]\*

Required: Yes

**Name (p. 45)**

The name of the product.

Type: String

Length Constraints: Maximum length of 8191.

Required: Yes

**Owner (p. 45)**

The owner of the product.

Type: String

Length Constraints: Maximum length of 8191.

Required: Yes

**ProductType (p. 45)**

The type of product.

Type: String

Length Constraints: Maximum length of 8191.

Valid Values: CLOUD\_FORMATION\_TEMPLATE | MARKETPLACE

Required: Yes

**ProvisioningArtifactParameters (p. 45)**

The configuration of the provisioning artifact.

Type: [ProvisioningArtifactProperties \(p. 360\)](#) object

Required: Yes

**SupportDescription (p. 45)**

The support information about the product.

Type: String

Length Constraints: Maximum length of 8191.

Required: No

**SupportEmail (p. 45)**

The contact email for product support.

Type: String

Length Constraints: Maximum length of 254.

Required: No

**SupportUrl (p. 45)**

The contact URL for product support.

`^https?:\\\/\\\/ /` is the pattern used to validate SupportUrl.

Type: String

Length Constraints: Maximum length of 2083.

Required: No

**Tags (p. 45)**

One or more tags.

Type: Array of [Tag \(p. 386\)](#) objects

Array Members: Maximum number of 20 items.

Required: No

## Response Syntax

```
{
  "ProductViewDetail": {
    "CreatedTime": number,
    "ProductARN": "string",
    "ProductViewSummary": {
      "Distributor": "string",
      "HasDefaultPath": boolean,
      "Id": "string",
      "Name": "string",
      "Owner": "string",
      "ProductId": "string",
      "ShortDescription": "string",
      "SupportDescription": "string",
      "SupportEmail": "string",
      "SupportUrl": "string",
      "Type": "string"
    },
    "Status": "string"
  }
}
```

```
    },
    "ProvisioningArtifactDetail": {
      "Active": boolean,
      "CreateTime": number,
      "Description": "string",
      "Guidance": "string",
      "Id": "string",
      "Name": "string",
      "Type": "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.

### ProductViewDetail (p. 47)

Information about the product view.

Type: [ProductViewDetail](#) (p. 335) object

### ProvisioningArtifactDetail (p. 47)

Information about the provisioning artifact.

Type: [ProvisioningArtifactDetail](#) (p. 354) object

### Tags (p. 47)

Information about the tags associated with the product.

Type: Array of [Tag](#) (p. 386) objects

Array Members: Maximum number of 50 items.

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### LimitExceededException

The current limits of the service would have been exceeded by this operation. Decrease your resource use or increase your service limits and retry the operation.

HTTP Status Code: 400

### TagOptionNotMigratedException

An operation requiring TagOptions failed because the TagOptions migration process has not been performed for this account. Use the AWS Management Console to perform the migration process before retrying the operation.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## CreateProvisionedProductPlan

Service: AWS Service Catalog

Creates a plan. A plan includes the list of resources to be created (when provisioning a new product) or modified (when updating a provisioned product) when the plan is executed.

You can create one plan per provisioned product. To create a plan for an existing provisioned product, the product status must be AVAILABLE or TAINTED.

To view the resource changes in the change set, use [DescribeProvisionedProductPlan](#) (p. 106). To create or modify the provisioned product, use [ExecuteProvisionedProductPlan](#) (p. 137).

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "IdempotencyToken": "string",
  "NotificationArns": [ "string" ],
  "PathId": "string",
  "PlanName": "string",
  "PlanType": "string",
  "ProductId": "string",
  "ProvisionedProductName": "string",
  "ProvisioningArtifactId": "string",
  "ProvisioningParameters": [
    {
      "Key": "string",
      "UsePreviousValue": boolean,
      "Value": "string"
    }
  ],
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 50)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### IdempotencyToken (p. 50)

A unique identifier that you provide to ensure idempotency. If multiple requests differ only by the idempotency token, the same response is returned for each repeated request.

Type: String

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

Pattern: `[a-zA-Z0-9][a-zA-Z0-9_-]*`

Required: Yes

#### **NotificationArns (p. 50)**

Passed to AWS CloudFormation. The SNS topic ARNs to which to publish stack-related events.

Type: Array of strings

Array Members: Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 1224.

Pattern: `arn:[a-z0-9-\.] {1,63}:[a-z0-9-\.] {0,63}:[a-z0-9-\.] {0,63}:[a-z0-9-\.] {0,63}:[^/]. {0,1023}`

Required: No

#### **PathId (p. 50)**

The path identifier of the product. This value is optional if the product has a default path, and required if the product has more than one path. To list the paths for a product, use [ListLaunchPaths \(p. 160\)](#).

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### **PlanName (p. 50)**

The name of the plan.

Type: String

Required: Yes

#### **PlanType (p. 50)**

The plan type.

Type: String

Valid Values: CLOUDFORMATION

Required: Yes

#### **ProductId (p. 50)**

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

### ProvisionedProductName (p. 50)

A user-friendly name for the provisioned product. This value must be unique for the AWS account and cannot be updated after the product is provisioned.

Type: String

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

Pattern: `[a-zA-Z0-9][a-zA-Z0-9._-]*`

Required: Yes

### ProvisioningArtifactId (p. 50)

The identifier of the provisioning artifact.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

### ProvisioningParameters (p. 50)

Parameters specified by the administrator that are required for provisioning the product.

Type: Array of [UpdateProvisioningParameter \(p. 390\)](#) objects

Required: No

### Tags (p. 50)

One or more tags.

If the plan is for an existing provisioned product, the product must have a `RESOURCE_UPDATE` constraint with `TagUpdatesOnProvisionedProduct` set to `ALLOWED` to allow tag updates.

Type: Array of [Tag \(p. 386\)](#) objects

Array Members: Maximum number of 50 items.

Required: No

## Response Syntax

```
{
  "PlanId": "string",
  "PlanName": "string",
  "ProvisionedProductName": "string",
  "ProvisioningArtifactId": "string",
  "ProvisionProductId": "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.

#### **PlanId (p. 52)**

The plan identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

#### **PlanName (p. 52)**

The name of the plan.

Type: String

#### **ProvisionedProductName (p. 52)**

The user-friendly name of the provisioned product.

Type: String

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

Pattern: `[a-zA-Z0-9][a-zA-Z0-9._\-]*`

#### **ProvisioningArtifactId (p. 52)**

The identifier of the provisioning artifact.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

#### **ProvisionProductId (p. 52)**

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

## **Errors**

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **InvalidStateException**

An attempt was made to modify a resource that is in a state that is not valid. Check your resources to ensure that they are in valid states before retrying the operation.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.



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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## CreateProvisioningArtifact

Service: AWS Service Catalog

Creates a provisioning artifact (also known as a version) for the specified product.

You cannot create a provisioning artifact for a product that was shared with you.

The user or role that performs this operation must have the `cloudformation:GetTemplate` IAM policy permission. This policy permission is required when using the `ImportFromPhysicalId` template source in the information data section.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "IdempotencyToken": "string",
  "Parameters": {
    "Description": "string",
    "DisableTemplateValidation": boolean,
    "Info": {
      "string" : "string"
    },
    "Name": "string",
    "Type": "string"
  },
  "ProductId": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 55)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### IdempotencyToken (p. 55)

A unique identifier that you provide to ensure idempotency. If multiple requests differ only by the idempotency token, the same response is returned for each repeated request.

Type: String

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

Pattern: `[a-zA-Z0-9][a-zA-Z0-9_-]*`

Required: Yes

#### Parameters (p. 55)

The configuration for the provisioning artifact.

Type: [ProvisioningArtifactProperties](#) (p. 360) object

Required: Yes

**ProductId (p. 55)**

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-\]*`

Required: Yes

## Response Syntax

```
{
  "Info": {
    "string" : "string"
  },
  "ProvisioningArtifactDetail": {
    "Active": boolean,
    "CreatedTime": number,
    "Description": "string",
    "Guidance": "string",
    "Id": "string",
    "Name": "string",
    "Type": "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.

**Info (p. 56)**

Specify the template source with one of the following options, but not both. Keys accepted: [ `LoadTemplateFromURL`, `ImportFromPhysicalId` ].

The URL of the AWS CloudFormation template in Amazon S3, AWS CodeCommit, or GitHub in JSON format.

`LoadTemplateFromURL`

Use the URL of the AWS CloudFormation template in Amazon S3, AWS CodeCommit, or GitHub in JSON format.

`ImportFromPhysicalId`

Use the physical id of the resource that contains the template; currently supports AWS CloudFormation stack ARN.

Type: String to string map

Map Entries: Maximum number of 100 items.

#### **ProvisioningArtifactDetail** (p. 56)

Information about the provisioning artifact.

Type: [ProvisioningArtifactDetail](#) (p. 354) object

#### **Status** (p. 56)

The status of the current request.

Type: String

Valid Values: AVAILABLE | CREATING | FAILED

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **LimitExceededException**

The current limits of the service would have been exceeded by this operation. Decrease your resource use or increase your service limits and retry the operation.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

HTTP Status Code: 400

## Examples

### **To create a provisioning artifact**

The following shows an example JSON request.

#### **Sample Request**

```
{
  "AcceptLanguage": "en",
  "ProductId": "prod-mjpbjbit3pzuqi",
  "Parameters":
  {
    "Name": "Version-2",
    "Description": "my-test-2",
    "Info":
    {
      "LoadTemplateFromURL": "https://s3.amazonaws.com/cf-templates-ozkq9d3hgiq2-us-east-1/..." ,
    },
    "Type": "CLOUD_FORMATION_TEMPLATE"
    "IdempotencyToken": "my-test-token-2"
  }
}
```

## See Also

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

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## CreateServiceAction

Service: AWS Service Catalog

Creates a self-service action.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "Definition": {
    "string": "string"
  },
  "DefinitionType": "string",
  "Description": "string",
  "IdempotencyToken": "string",
  "Name": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 59)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### Definition (p. 59)

The self-service action definition. Can be one of the following:

Name

The name of the AWS Systems Manager document (SSM document). For example, `RestartEC2Instance`.

If you are using a shared SSM document, you must provide the ARN instead of the name.

Version

The AWS Systems Manager automation document version. For example, `"Version": "1"`

AssumeRole

The Amazon Resource Name (ARN) of the role that performs the self-service actions on your behalf. For example, `"AssumeRole": "arn:aws:iam::12345678910:role/ActionRole"`.

To reuse the provisioned product launch role, set to `"AssumeRole": "LAUNCH_ROLE"`.

Parameters

The list of parameters in JSON format.

For example: `[{"Name": "InstanceId", "Type": "TARGET"}]` or `[{"Name": "InstanceId", "Type": "TEXT_VALUE"}]`.

Type: String to string map

Map Entries: Maximum number of 100 items.

Valid Keys: Name | Version | AssumeRole | Parameters

Value Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: Yes

#### DefinitionType (p. 59)

The service action definition type. For example, SSM\_AUTOMATION.

Type: String

Valid Values: SSM\_AUTOMATION

Required: Yes

#### Description (p. 59)

The self-service action description.

Type: String

Length Constraints: Maximum length of 1024.

Required: No

#### IdempotencyToken (p. 59)

A unique identifier that you provide to ensure idempotency. If multiple requests differ only by the idempotency token, the same response is returned for each repeated request.

Type: String

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

Pattern: [a-zA-Z0-9][a-zA-Z0-9\_-]\*

Required: Yes

#### Name (p. 59)

The self-service action name.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: ^[a-zA-Z0-9\_\-\.]\*

Required: Yes

## Response Syntax

```
{
  "ServiceActionDetail": {
    "Definition": {
      "string" : "string"
    },
    "ServiceActionSummary": {
      "DefinitionType": "string",
```

```
    "Description": "string",  
    "Id": "string",  
    "Name": "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.

### ServiceActionDetail (p. 60)

An object containing information about the self-service action.

Type: [ServiceActionDetail](#) (p. 381) object

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### LimitExceededException

The current limits of the service would have been exceeded by this operation. Decrease your resource use or increase your service limits and retry the operation.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)



## CreateTagOption

Service: AWS Service Catalog

Creates a TagOption.

### Request Syntax

```
{
  "Key": "string",
  "Value": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### Key (p. 62)

The TagOption key.

Type: String

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

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

Required: Yes

#### Value (p. 62)

The TagOption value.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

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

Required: Yes

### Response Syntax

```
{
  "TagOptionDetail": {
    "Active": boolean,
    "Id": "string",
    "Key": "string",
    "Owner": "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.

### [TagOptionDetail \(p. 62\)](#)

Information about the TagOption.

Type: [TagOptionDetail \(p. 387\)](#) object

## Errors

### **DuplicateResourceException**

The specified resource is a duplicate.

HTTP Status Code: 400

### **LimitExceededException**

The current limits of the service would have been exceeded by this operation. Decrease your resource use or increase your service limits and retry the operation.

HTTP Status Code: 400

### **TagOptionNotMigratedException**

An operation requiring TagOptions failed because the TagOptions migration process has not been performed for this account. Use the AWS Management Console to perform the migration process before retrying the operation.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DeleteConstraint

Service: AWS Service Catalog

Deletes the specified constraint.

A delegated admin is authorized to invoke this command.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "Id": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 64)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### Id (p. 64)

The identifier of the constraint.

Type: String

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

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

#### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

#### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DeletePortfolio

Service: AWS Service Catalog

Deletes the specified portfolio.

You cannot delete a portfolio if it was shared with you or if it has associated products, users, constraints, or shared accounts.

A delegated admin is authorized to invoke this command.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "Id": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 66)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### Id (p. 66)

The portfolio identifier.

Type: String

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

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

#### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

**ResourceInUseException**

A resource that is currently in use. Ensure that the resource is not in use and retry the operation.

HTTP Status Code: 400

**ResourceNotFoundException**

The specified resource was not found.

HTTP Status Code: 400

**TagOptionNotMigratedException**

An operation requiring TagOptions failed because the TagOptions migration process has not been performed for this account. Use the AWS Management Console to perform the migration process before retrying the operation.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DeletePortfolioShare

Service: AWS Service Catalog

Stops sharing the specified portfolio with the specified account or organization node. Shares to an organization node can only be deleted by the management account of an organization or by a delegated administrator.

Note that if a delegated admin is de-registered, portfolio shares created from that account are removed.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "AccountId": "string",
  "OrganizationNode": {
    "Type": "string",
    "Value": "string"
  },
  "PortfolioId": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 68)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### AccountId (p. 68)

The AWS account ID.

Type: String

Pattern: `^[0-9]{12}$`

Required: No

#### OrganizationNode (p. 68)

The organization node to whom you are going to stop sharing.

Type: [OrganizationNode](#) (p. 326) object

Required: No

#### PortfolioId (p. 68)

The portfolio identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

## Response Syntax

```
{  
  "PortfolioShareToken": "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.

### PortfolioShareToken (p. 69)

The portfolio share unique identifier. This will only be returned if delete is made to an organization node.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### InvalidStateException

An attempt was made to modify a resource that is in a state that is not valid. Check your resources to ensure that they are in valid states before retrying the operation.

HTTP Status Code: 400

### OperationNotSupportedException

The operation is not supported.

HTTP Status Code: 400

### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DeleteProduct

Service: AWS Service Catalog

Deletes the specified product.

You cannot delete a product if it was shared with you or is associated with a portfolio.

A delegated admin is authorized to invoke this command.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "Id": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 71)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### Id (p. 71)

The product identifier.

Type: String

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

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

#### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

#### ResourceInUseException

A resource that is currently in use. Ensure that the resource is not in use and retry the operation.

HTTP Status Code: 400

**ResourceNotFoundException**

The specified resource was not found.

HTTP Status Code: 400

**TagOptionNotMigratedException**

An operation requiring TagOptions failed because the TagOptions migration process has not been performed for this account. Use the AWS Management Console to perform the migration process before retrying the operation.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DeleteProvisionedProductPlan

Service: AWS Service Catalog

Deletes the specified plan.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "IgnoreErrors": boolean,  
  "PlanId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 73)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### IgnoreErrors (p. 73)

If set to true, AWS Service Catalog stops managing the specified provisioned product even if it cannot delete the underlying resources.

Type: Boolean

Required: No

#### PlanId (p. 73)

The plan identifier.

Type: String

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

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

#### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

**ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DeleteProvisioningArtifact

Service: AWS Service Catalog

Deletes the specified provisioning artifact (also known as a version) for the specified product.

You cannot delete a provisioning artifact associated with a product that was shared with you. You cannot delete the last provisioning artifact for a product, because a product must have at least one provisioning artifact.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "ProductId": "string",
  "ProvisioningArtifactId": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 75)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### ProductId (p. 75)

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### ProvisioningArtifactId (p. 75)

The identifier of the provisioning artifact.

Type: String

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

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

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **ResourceInUseException**

A resource that is currently in use. Ensure that the resource is not in use and retry the operation.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DeleteServiceAction

Service: AWS Service Catalog

Deletes a self-service action.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "Id": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 77)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### Id (p. 77)

The self-service action identifier. For example, `act-fs7abcd89wxyz`.

Type: String

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

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

#### ResourceInUseException

A resource that is currently in use. Ensure that the resource is not in use and retry the operation.

HTTP Status Code: 400

#### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DeleteTagOption

Service: AWS Service Catalog

Deletes the specified TagOption.

You cannot delete a TagOption if it is associated with a product or portfolio.

### Request Syntax

```
{  
  "Id": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### Id (p. 79)

The TagOption identifier.

Type: String

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

Required: Yes

### Response Elements

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

### Errors

#### ResourceInUseException

A resource that is currently in use. Ensure that the resource is not in use and retry the operation.

HTTP Status Code: 400

#### ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 400

#### TagOptionNotMigratedException

An operation requiring TagOptions failed because the TagOptions migration process has not been performed for this account. Use the AWS Management Console to perform the migration process before retrying the operation.

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](#)

- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DescribeConstraint

Service: AWS Service Catalog

Gets information about the specified constraint.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "Id": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 81)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### Id (p. 81)

The identifier of the constraint.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

### Response Syntax

```
{  
  "ConstraintDetail": {  
    "ConstraintId": "string",  
    "Description": "string",  
    "Owner": "string",  
    "PortfolioId": "string",  
    "ProductId": "string",  
    "Type": "string"  
  },  
  "ConstraintParameters": "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.

**ConstraintDetail (p. 81)**

Information about the constraint.

Type: [ConstraintDetail \(p. 316\)](#) object

**ConstraintParameters (p. 81)**

The constraint parameters.

Type: String

**Status (p. 81)**

The status of the current request.

Type: String

Valid Values: `AVAILABLE` | `CREATING` | `FAILED`

## Errors

**ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DescribeCopyProductStatus

Service: AWS Service Catalog

Gets the status of the specified copy product operation.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "CopyProductToken": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 83)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### CopyProductToken (p. 83)

The token for the copy product operation. This token is returned by [CopyProduct](#) (p. 32).

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

### Response Syntax

```
{  
  "CopyProductStatus": "string",  
  "StatusDetail": "string",  
  "TargetProductId": "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.

#### CopyProductStatus (p. 83)

The status of the copy product operation.

Type: String

Valid Values: SUCCEEDED | IN\_PROGRESS | FAILED

**StatusDetail** (p. 83)

The status message.

Type: String

**TargetProductId** (p. 83)

The identifier of the copied product.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-\ ]*`

## Errors

### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DescribePortfolio

Service: AWS Service Catalog

Gets information about the specified portfolio.

A delegated admin is authorized to invoke this command.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "Id": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 85)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### Id (p. 85)

The portfolio identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

### Response Syntax

```
{  
  "Budgets": [  
    {  
      "BudgetName": "string"  
    }  
  ],  
  "PortfolioDetail": {  
    "ARN": "string",  
    "CreateTime": number,  
    "Description": "string",  
    "DisplayName": "string",  
    "Id": "string",  
    "ProviderName": "string"  
  },  
}
```



```
"TagOptions": [
  {
    "Active": boolean,
    "Id": "string",
    "Key": "string",
    "Owner": "string",
    "Value": "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.

### Budgets (p. 85)

Information about the associated budgets.

Type: Array of [BudgetDetail \(p. 314\)](#) objects

### PortfolioDetail (p. 85)

Information about the portfolio.

Type: [PortfolioDetail \(p. 329\)](#) object

### TagOptions (p. 85)

Information about the TagOptions associated with the portfolio.

Type: Array of [TagOptionDetail \(p. 387\)](#) objects

### Tags (p. 85)

Information about the tags associated with the portfolio.

Type: Array of [Tag \(p. 386\)](#) objects

Array Members: Maximum number of 50 items.

## Errors

### ResourceNotFoundException

The specified resource was not found.

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](#)

- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DescribePortfolioShares

Service: AWS Service Catalog

Returns a summary of each of the portfolio shares that were created for the specified portfolio.

You can use this API to determine which accounts or organizational nodes this portfolio have been shared, whether the recipient entity has imported the share, and whether TagOptions are included with the share.

The `PortfolioId` and `Type` parameters are both required.

### Request Syntax

```
{
  "PageSize": number,
  "PageToken": "string",
  "PortfolioId": "string",
  "Type": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### PageSize (p. 88)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 100.

Required: No

#### PageToken (p. 88)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[\u0009\u000a\u000d\u0020-\u007f\u00e0-\u00ff]*`

Required: No

#### PortfolioId (p. 88)

The unique identifier of the portfolio for which shares will be retrieved.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### Type (p. 88)

The type of portfolio share to summarize. This field acts as a filter on the type of portfolio share, which can be one of the following:

1. **ACCOUNT** - Represents an external account to account share.
2. **ORGANIZATION** - Represents a share to an organization. This share is available to every account in the organization.
3. **ORGANIZATIONAL\_UNIT** - Represents a share to an organizational unit.
4. **ORGANIZATION\_MEMBER\_ACCOUNT** - Represents a share to an account in the organization.

Type: String

Valid Values: **ACCOUNT** | **ORGANIZATION** | **ORGANIZATIONAL\_UNIT** | **ORGANIZATION\_MEMBER\_ACCOUNT**

Required: Yes

## Response Syntax

```
{
  "NextPageToken": "string",
  "PortfolioShareDetails": [
    {
      "Accepted": boolean,
      "PrincipalId": "string",
      "ShareTagOptions": boolean,
      "Type": "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.

### **NextPageToken** (p. 89)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[\u0009\u000a\u000d\u0020-\u007f\u00e0-\u00ff]*`

### **PortfolioShareDetails** (p. 89)

Summaries about each of the portfolio shares.

Type: Array of [PortfolioShareDetail](#) (p. 331) objects

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DescribePortfolioShareStatus

Service: AWS Service Catalog

Gets the status of the specified portfolio share operation. This API can only be called by the management account in the organization or by a delegated admin.

### Request Syntax

```
{
  "PortfolioShareToken": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### PortfolioShareToken (p. 91)

The token for the portfolio share operation. This token is returned either by CreatePortfolioShare or by DeletePortfolioShare.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

### Response Syntax

```
{
  "OrganizationNodeValue": "string",
  "PortfolioId": "string",
  "PortfolioShareToken": "string",
  "ShareDetails": {
    "ShareErrors": [
      {
        "Accounts": [ "string" ],
        "Error": "string",
        "Message": "string"
      }
    ],
    "SuccessfulShares": [ "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.

#### OrganizationNodeValue (p. 91)

Organization node identifier. It can be either account id, organizational unit id or organization id.

Type: String

Pattern: (^[0-9]{12}\$)|(^arn:aws:organizations::\d{12}:organization/o-[a-z0-9]{10,32})|(^o-[a-z0-9]{10,32}\$)|(^arn:aws:organizations::\d{12}:ou/o-[a-z0-9]{10,32}\ou-[0-9a-z]{4,32}-[0-9a-z]{8,32}\$)|(^ou-[0-9a-z]{4,32}-[a-z0-9]{8,32}\$)

#### **PortfolioId (p. 91)**

The portfolio identifier.

Type: String

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

Pattern: ^[a-zA-Z0-9\_\-]\*

#### **PortfolioShareToken (p. 91)**

The token for the portfolio share operation. For example, share-6v24abcdefghi.

Type: String

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

Pattern: ^[a-zA-Z0-9\_\-]\*

#### **ShareDetails (p. 91)**

Information about the portfolio share operation.

Type: [ShareDetails \(p. 383\)](#) object

#### **Status (p. 91)**

Status of the portfolio share operation.

Type: String

Valid Values: NOT\_STARTED | IN\_PROGRESS | COMPLETED | COMPLETED\_WITH\_ERRORS | ERROR

## **Errors**

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **OperationNotSupportedException**

The operation is not supported.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)



## DescribeProduct

Service: AWS Service Catalog

Gets information about the specified product.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "Id": "string",  
  "Name": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 94)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### Id (p. 94)

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### Name (p. 94)

The product name.

Type: String

Length Constraints: Maximum length of 8191.

Required: No

### Response Syntax

```
{  
  "Budgets": [  
    {  
      "BudgetName": "string"  
    }  
  ],  
  "LaunchPaths": [  
    {  
      "LaunchPath": "string"  
    }  
  ]  
}
```

```
{
  "Id": "string",
  "Name": "string"
},
"ProductViewSummary": {
  "Distributor": "string",
  "HasDefaultPath": boolean,
  "Id": "string",
  "Name": "string",
  "Owner": "string",
  "ProductId": "string",
  "ShortDescription": "string",
  "SupportDescription": "string",
  "SupportEmail": "string",
  "SupportUrl": "string",
  "Type": "string"
},
"ProvisioningArtifacts": [
  {
    "CreatedTime": number,
    "Description": "string",
    "Guidance": "string",
    "Id": "string",
    "Name": "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.

### Budgets (p. 94)

Information about the associated budgets.

Type: Array of [BudgetDetail](#) (p. 314) objects

### LaunchPaths (p. 94)

Information about the associated launch paths.

Type: Array of [LaunchPath](#) (p. 322) objects

### ProductViewSummary (p. 94)

Summary information about the product view.

Type: [ProductViewSummary](#) (p. 336) object

### ProvisioningArtifacts (p. 94)

Information about the provisioning artifacts for the specified product.

Type: Array of [ProvisioningArtifact](#) (p. 352) objects

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

**ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DescribeProductAsAdmin

Service: AWS Service Catalog

Gets information about the specified product. This operation is run with administrator access.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "Id": "string",  
  "Name": "string",  
  "SourcePortfolioId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 97)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### Id (p. 97)

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### Name (p. 97)

The product name.

Type: String

Length Constraints: Maximum length of 8191.

Required: No

#### SourcePortfolioId (p. 97)

The unique identifier of the shared portfolio that the specified product is associated with.

You can provide this parameter to retrieve the shared TagOptions associated with the product. If this parameter is provided and if TagOptions sharing is enabled in the portfolio share, the API returns

both local and shared TagOptions associated with the product. Otherwise only local TagOptions will be returned.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-\]*`

Required: No

## Response Syntax

```
{
  "Budgets": [
    {
      "BudgetName": "string"
    }
  ],
  "ProductViewDetail": {
    "CreatedTime": number,
    "ProductARN": "string",
    "ProductViewSummary": {
      "Distributor": "string",
      "HasDefaultPath": boolean,
      "Id": "string",
      "Name": "string",
      "Owner": "string",
      "ProductId": "string",
      "ShortDescription": "string",
      "SupportDescription": "string",
      "SupportEmail": "string",
      "SupportUrl": "string",
      "Type": "string"
    },
    "Status": "string"
  },
  "ProvisioningArtifactSummaries": [
    {
      "CreatedTime": number,
      "Description": "string",
      "Id": "string",
      "Name": "string",
      "ProvisioningArtifactMetadata": {
        "string" : "string"
      }
    }
  ],
  "TagOptions": [
    {
      "Active": boolean,
      "Id": "string",
      "Key": "string",
      "Owner": "string",
      "Value": "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.

### **Budgets (p. 98)**

Information about the associated budgets.

Type: Array of [BudgetDetail \(p. 314\)](#) objects

### **ProductViewDetail (p. 98)**

Information about the product view.

Type: [ProductViewDetail \(p. 335\)](#) object

### **ProvisioningArtifactSummaries (p. 98)**

Information about the provisioning artifacts (also known as versions) for the specified product.

Type: Array of [ProvisioningArtifactSummary \(p. 362\)](#) objects

### **TagOptions (p. 98)**

Information about the TagOptions associated with the product.

Type: Array of [TagOptionDetail \(p. 387\)](#) objects

### **Tags (p. 98)**

Information about the tags associated with the product.

Type: Array of [Tag \(p. 386\)](#) objects

Array Members: Maximum number of 50 items.

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)

- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## Service: AWS Service Catalog

## Request Syntax

## Request Parameters

AcceptLanguage (p. 101)

- en - English (default)
- jp - Japanese
- zh - Chinese

Length Constraints: Maximum length of 100.

**Id (p. 101)**

Type: String

Pattern: `^[a-zA-Z0-9_\-\ ]*`

Required: Yes

```
{
  "ProductViewSummary": {
    "Distributor": "string",
    "HasDefaultPath": boolean,
    "Id": "string",
    "Name": "string",
    "Owner": "string",
    "ProductId": "string",
    "ShortDescription": "string",
    "SupportDescription": "string",
    "SupportEmail": "string",
    "SupportUrl": "string",
    "Type": "string"
  },
  "ProvisioningArtifacts": [
    {
```



```
        "CreatedTime": number,  
        "Description": "string",  
        "Guidance": "string",  
        "Id": "string",  
        "Name": "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.

### ProductViewSummary (p. 101)

Summary information about the product.

Type: [ProductViewSummary \(p. 336\)](#) object

### ProvisioningArtifacts (p. 101)

Information about the provisioning artifacts for the product.

Type: Array of [ProvisioningArtifact \(p. 352\)](#) objects

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DescribeProvisionedProduct

Service: AWS Service Catalog

Gets information about the specified provisioned product.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "Id": "string",  
  "Name": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 103)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### Id (p. 103)

The provisioned product identifier. You must provide the name or ID, but not both.

If you do not provide a name or ID, or you provide both name and ID, an `InvalidParametersException` will occur.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### Name (p. 103)

The name of the provisioned product. You must provide the name or ID, but not both.

If you do not provide a name or ID, or you provide both name and ID, an `InvalidParametersException` will occur.

Type: String

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

Pattern: `[a-zA-Z0-9][a-zA-Z0-9._-]*`

Required: No

## Response Syntax

```
{
  "CloudWatchDashboards": [
    {
      "Name": "string"
    }
  ],
  "ProvisionedProductDetail": {
    "Arn": "string",
    "CreatedTime": number,
    "Id": "string",
    "IdempotencyToken": "string",
    "LastProvisioningRecordId": "string",
    "LastRecordId": "string",
    "LastSuccessfulProvisioningRecordId": "string",
    "LaunchRoleArn": "string",
    "Name": "string",
    "ProductId": "string",
    "ProvisioningArtifactId": "string",
    "Status": "string",
    "StatusMessage": "string",
    "Type": "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.

### CloudWatchDashboards (p. 104)

Any CloudWatch dashboards that were created when provisioning the product.

Type: Array of [CloudWatchDashboard](#) (p. 315) objects

### ProvisionedProductDetail (p. 104)

Information about the provisioned product.

Type: [ProvisionedProductDetail](#) (p. 343) object

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DescribeProvisionedProductPlan

Service: AWS Service Catalog

Gets information about the resource changes for the specified plan.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "PageSize": number,  
  "PageToken": "string",  
  "PlanId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 106)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### PageSize (p. 106)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 106)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[ \u0009\u000a\u000d\u0020-\u007f\u00e0-\u00ff]*`

Required: No

#### PlanId (p. 106)

The plan identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: Yes

## Response Syntax

```
{
  "NextPageToken": "string",
  "ProvisionedProductPlanDetails": {
    "CreatedTime": number,
    "NotificationArns": [ "string" ],
    "PathId": "string",
    "PlanId": "string",
    "PlanName": "string",
    "PlanType": "string",
    "ProductId": "string",
    "ProvisioningArtifactId": "string",
    "ProvisioningParameters": [
      {
        "Key": "string",
        "UsePreviousValue": boolean,
        "Value": "string"
      }
    ],
    "ProvisionProductId": "string",
    "ProvisionProductName": "string",
    "Status": "string",
    "StatusMessage": "string",
    "Tags": [
      {
        "Key": "string",
        "Value": "string"
      }
    ],
    "UpdateTime": number
  },
  "ResourceChanges": [
    {
      "Action": "string",
      "Details": [
        {
          "CausingEntity": "string",
          "Evaluation": "string",
          "Target": {
            "Attribute": "string",
            "Name": "string",
            "RequiresRecreation": "string"
          }
        }
      ]
    },
    "LogicalResourceId": "string",
    "PhysicalResourceId": "string",
    "Replacement": "string",
    "ResourceType": "string",
    "Scope": [ "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.

### **NextPageToken (p. 107)**

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[\u0009\u000a\u000d\u0020-\u007f\u0080-\u00ff\u0100-\u017f\u0180-\u01ff\u0200-\u02ff\u0300-\u036f\u0370-\u03ff\u0400-\u04ff\u0500-\u052f\u0530-\u055f\u0560-\u057f\u0580-\u05ff\u0600-\u06ff\u0700-\u07ff\u0800-\u083f\u0840-\u087f\u0880-\u08ff\u0900-\u093f\u0940-\u097f\u0980-\u09ff\u0a00-\u0a2f\u0a30-\u0a4f\u0a50-\u0a7f\u0a80-\u0a9f\u0aa0-\u0aad\u0ae0-\u0aef\u0b00-\u0b2f\u0b30-\u0b4f\u0b50-\u0b7f\u0b80-\u0b9f\u0ba0-\u0bad\u0be0-\u0bef\u0c00-\u0c3f\u0c40-\u0c7f\u0c80-\u0c9f\u0ca0-\u0cad\u0ce0-\u0cef\u0d00-\u0d2f\u0d30-\u0d4f\u0d50-\u0d7f\u0d80-\u0da3\u0da4-\u0da7\u0da8-\u0da9\u0daa-\u0dab\u0dac\u0dae\u0db0-\u0db2\u0db4-\u0db6\u0db8-\u0db9\u0dba-\u0dbb\u0dbd\u0dbf\u0dc0-\u0dc2\u0dc4-\u0dc6\u0dc8-\u0dc9\u0dca-\u0dcb\u0dcd\u0dcf\u0dd0-\u0dd2\u0dd4-\u0dd6\u0dd8-\u0dd9\u0dda-\u0ddb\u0ddd\u0ddf\u0de0-\u0de2\u0de4-\u0de6\u0de8-\u0de9\u0dea-\u0deb\u0ded\u0def\u0df0-\u0df2\u0df4-\u0df6\u0df8-\u0df9\u0dfa-\u0dfb\u0dfd\u0dff\u0e00-\u0e3f\u0e40-\u0e7f\u0e80-\u0e9f\u0ea0-\u0eab\u0ead\u0eaf\u0eb0-\u0eb2\u0eb4-\u0eb6\u0eb8-\u0eb9\u0eba-\u0ebd\u0ebf\u0ec0-\u0ec3\u0ec4-\u0ec7\u0ec8-\u0ec9\u0eca-\u0ecb\u0ecd\u0ecf\u0ed0-\u0ed2\u0ed4-\u0ed6\u0ed8-\u0ed9\u0eda-\u0edb\u0edd\u0edf\u0ee0-\u0ee2\u0ee4-\u0ee6\u0ee8-\u0ee9\u0eea-\u0eeb\u0eed\u0eeef\u0ef0-\u0ef2\u0ef4-\u0ef6\u0ef8-\u0ef9\u0efa-\u0efb\u0efd\u0eff\u0f00-\u0f3f\u0f40-\u0f7f\u0f80-\u0f9f\u0fa0-\u0fab\u0fac\u0fae\u0fb0-\u0fb2\u0fb4-\u0fb6\u0fb8-\u0fb9\u0fba-\u0fbb\u0fbd\u0fbf\u0fc0-\u0fc3\u0fc4-\u0fc7\u0fc8-\u0fc9\u0fca-\u0fcb\u0fcd\u0fcf\u0fd0-\u0fd2\u0fd4-\u0fd6\u0fd8-\u0fd9\u0fda-\u0fdb\u0fdd\u0fdf\u0fe0-\u0fe2\u0fe4-\u0fe6\u0fe8-\u0fe9\u0fea-\u0feb\u0fed\u0fef\u0ff0-\u0ff2\u0ff4-\u0ff6\u0ff8-\u0ff9\u0ffa-\u0ffb\u0ffd\u0fff]`\*

### **ProvisionedProductPlanDetails (p. 107)**

Information about the plan.

Type: [ProvisionedProductPlanDetails \(p. 347\)](#) object

### **ResourceChanges (p. 107)**

Information about the resource changes that will occur when the plan is executed.

Type: Array of [ResourceChange \(p. 375\)](#) objects

## **Errors**

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DescribeProvisioningArtifact

Service: AWS Service Catalog

Gets information about the specified provisioning artifact (also known as a version) for the specified product.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "ProductId": "string",  
  "ProductName": "string",  
  "ProvisioningArtifactId": "string",  
  "ProvisioningArtifactName": "string",  
  "Verbose": boolean  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 109)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### ProductId (p. 109)

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### ProductName (p. 109)

The product name.

Type: String

Length Constraints: Maximum length of 8191.

Required: No

#### ProvisioningArtifactId (p. 109)

The identifier of the provisioning artifact.

Type: String



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

Pattern: `^[a-zA-Z0-9_-]*`

Required: No

#### **ProvisioningArtifactName** (p. 109)

The provisioning artifact name.

Type: String

Length Constraints: Maximum length of 8192.

Required: No

#### **Verbose** (p. 109)

Indicates whether a verbose level of detail is enabled.

Type: Boolean

Required: No

## Response Syntax

```
{
  "Info": {
    "string" : "string"
  },
  "ProvisioningArtifactDetail": {
    "Active": boolean,
    "CreatedTime": number,
    "Description": "string",
    "Guidance": "string",
    "Id": "string",
    "Name": "string",
    "Type": "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.

#### **Info** (p. 110)

The URL of the AWS CloudFormation template in Amazon S3, AWS CodeCommit, or GitHub in JSON format.

Type: String to string map

Map Entries: Maximum number of 100 items.

#### **ProvisioningArtifactDetail** (p. 110)

Information about the provisioning artifact.

Type: [ProvisioningArtifactDetail](#) (p. 354) object

### Status (p. 110)

The status of the current request.

Type: String

Valid Values: AVAILABLE | CREATING | FAILED

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DescribeProvisioningParameters

Service: AWS Service Catalog

Gets information about the configuration required to provision the specified product using the specified provisioning artifact.

If the output contains a TagOption key with an empty list of values, there is a TagOption conflict for that key. The end user cannot take action to fix the conflict, and launch is not blocked. In subsequent calls to [ProvisionProduct](#) (p. 201), do not include conflicted TagOption keys as tags, or this causes the error "Parameter validation failed: Missing required parameter in Tags[N]:Value". Tag the provisioned product with the value `sc-tagoption-conflict-portfolioId-productId`.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "PathId": "string",
  "PathName": "string",
  "ProductId": "string",
  "ProductName": "string",
  "ProvisioningArtifactId": "string",
  "ProvisioningArtifactName": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 112)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### PathId (p. 112)

The path identifier of the product. This value is optional if the product has a default path, and required if the product has more than one path. To list the paths for a product, use [ListLaunchPaths](#) (p. 160). You must provide the name or ID, but not both.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### PathName (p. 112)

The name of the path. You must provide the name or ID, but not both.

Type: String

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

Required: No

#### **ProductId (p. 112)**

The product identifier. You must provide the product name or ID, but not both.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### **ProductName (p. 112)**

The name of the product. You must provide the name or ID, but not both.

Type: String

Length Constraints: Maximum length of 8191.

Required: No

#### **ProvisioningArtifactId (p. 112)**

The identifier of the provisioning artifact. You must provide the name or ID, but not both.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### **ProvisioningArtifactName (p. 112)**

The name of the provisioning artifact. You must provide the name or ID, but not both.

Type: String

Length Constraints: Maximum length of 8192.

Required: No

## **Response Syntax**

```
{
  "ConstraintSummaries": [
    {
      "Description": "string",
      "Type": "string"
    }
  ],
  "ProvisioningArtifactOutputs": [
    {
      "Description": "string",
      "Key": "string"
    }
  ],
  "ProvisioningArtifactParameters": [
```

```
{
  "DefaultValue": "string",
  "Description": "string",
  "IsNoEcho": boolean,
  "ParameterConstraints": {
    "AllowedPattern": "string",
    "AllowedValues": [ "string" ],
    "ConstraintDescription": "string",
    "MaxLength": "string",
    "MaxValue": "string",
    "MinLength": "string",
    "MinValue": "string"
  },
  "ParameterKey": "string",
  "ParameterType": "string"
},
],
"ProvisioningArtifactPreferences": {
  "StackSetAccounts": [ "string" ],
  "StackSetRegions": [ "string" ]
},
"TagOptions": [
  {
    "Key": "string",
    "Values": [ "string" ]
  }
],
"UsageInstructions": [
  {
    "Type": "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.

### ConstraintSummaries (p. 113)

Information about the constraints used to provision the product.

Type: Array of [ConstraintSummary](#) (p. 318) objects

### ProvisioningArtifactOutputs (p. 113)

The output of the provisioning artifact.

Type: Array of [ProvisioningArtifactOutput](#) (p. 356) objects

Array Members: Maximum number of 60 items.

### ProvisioningArtifactParameters (p. 113)

Information about the parameters used to provision the product.

Type: Array of [ProvisioningArtifactParameter](#) (p. 357) objects

### ProvisioningArtifactPreferences (p. 113)

An object that contains information about preferences, such as Regions and accounts, for the provisioning artifact.

Type: [ProvisioningArtifactPreferences](#) (p. 359) object

**TagOptions** (p. 113)

Information about the TagOptions associated with the resource.

Type: Array of [TagOptionSummary](#) (p. 389) objects

**UsageInstructions** (p. 113)

Any additional metadata specifically related to the provisioning of the product. For example, see the `Version` field of the AWS CloudFormation template.

Type: Array of [UsageInstruction](#) (p. 394) objects

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DescribeRecord

Service: AWS Service Catalog

Gets information about the specified request operation.

Use this operation after calling a request operation (for example, [ProvisionProduct](#) (p. 201), [TerminateProvisionedProduct](#) (p. 224), or [UpdateProvisionedProduct](#) (p. 242)).

### Note

If a provisioned product was transferred to a new owner using [UpdateProvisionedProductProperties](#) (p. 247), the new owner will be able to describe all past records for that product. The previous owner will no longer be able to describe the records, but will be able to use [ListRecordHistory](#) (p. 185) to see the product's history from when he was the owner.

## Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "Id": "string",  
  "PageSize": number,  
  "PageToken": "string"  
}
```

## Request Parameters

The request accepts the following data in JSON format.

### AcceptLanguage (p. 116)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

### Id (p. 116)

The record identifier of the provisioned product. This identifier is returned by the request operation.

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: Yes

### PageSize (p. 116)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

### PageToken (p. 116)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[\u0009\u000a\u000d\u0020-\u007f\u0080-\u00ff]*`

Required: No

## Response Syntax

```
{
  "NextPageToken": "string",
  "RecordDetail": {
    "CreatedTime": number,
    "LaunchRoleArn": "string",
    "PathId": "string",
    "ProductId": "string",
    "ProvisionedProductId": "string",
    "ProvisionedProductName": "string",
    "ProvisionedProductType": "string",
    "ProvisioningArtifactId": "string",
    "RecordErrors": [
      {
        "Code": "string",
        "Description": "string"
      }
    ],
    "RecordId": "string",
    "RecordTags": [
      {
        "Key": "string",
        "Value": "string"
      }
    ],
    "RecordType": "string",
    "Status": "string",
    "UpdateTime": number
  },
  "RecordOutputs": [
    {
      "Description": "string",
      "OutputKey": "string",
      "OutputValue": "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.

### NextPageToken (p. 117)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.



Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\u007F\u0000-\u00FFD]\*

**RecordDetail (p. 117)**

Information about the product.

Type: [RecordDetail \(p. 369\)](#) object

**RecordOutputs (p. 117)**

Information about the product created as the result of a request. For example, the output for a CloudFormation-backed product that creates an S3 bucket would include the S3 bucket URL.

Type: Array of [RecordOutput \(p. 373\)](#) objects

## Errors

### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DescribeServiceAction

Service: AWS Service Catalog

Describes a self-service action.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "Id": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 119)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### Id (p. 119)

The self-service action identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

### Response Syntax

```
{
  "ServiceActionDetail": {
    "Definition": {
      "string": "string"
    },
    "ServiceActionSummary": {
      "DefinitionType": "string",
      "Description": "string",
      "Id": "string",
      "Name": "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.

### **ServiceActionDetail** (p. 119)

Detailed information about the self-service action.

Type: [ServiceActionDetail](#) (p. 381) object

## Errors

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DescribeServiceActionExecutionParameters

Service: AWS Service Catalog

Finds the default parameters for a specific self-service action on a specific provisioned product and returns a map of the results to the user.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "ProvisionedProductId": "string",  
  "ServiceActionId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 121)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### ProvisionedProductId (p. 121)

The identifier of the provisioned product.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### ServiceActionId (p. 121)

The self-service action identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

### Response Syntax

```
{  
  "ServiceActionParameters": [  
    ...  
  ]  
}
```

```
{
  {
    "DefaultValues": [ "string" ],
    "Name": "string",
    "Type": "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.

### ServiceActionParameters (p. 121)

The parameters of the self-service action.

Type: Array of [ExecutionParameter \(p. 319\)](#) objects

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DescribeTagOption

Service: AWS Service Catalog

Gets information about the specified TagOption.

### Request Syntax

```
{  
  "Id": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### Id (p. 123)

The TagOption identifier.

Type: String

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

Required: Yes

### Response Syntax

```
{  
  "TagOptionDetail": {  
    "Active": boolean,  
    "Id": "string",  
    "Key": "string",  
    "Owner": "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.

#### TagOptionDetail (p. 123)

Information about the TagOption.

Type: [TagOptionDetail](#) (p. 387) object

### Errors

#### ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 400

### **TagOptionNotMigratedException**

An operation requiring TagOptions failed because the TagOptions migration process has not been performed for this account. Use the AWS Management Console to perform the migration process before retrying the operation.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DisableAWSOrganizationsAccess

Service: AWS Service Catalog

Disable portfolio sharing through AWS Organizations feature. This feature will not delete your current shares but it will prevent you from creating new shares throughout your organization. Current shares will not be in sync with your organization structure if it changes after calling this API. This API can only be called by the management account in the organization.

This API can't be invoked if there are active delegated administrators in the organization.

Note that a delegated administrator is not authorized to invoke `DisableAWSOrganizationsAccess`.

### Response Elements

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

### Errors

#### **InvalidStateException**

An attempt was made to modify a resource that is in a state that is not valid. Check your resources to ensure that they are in valid states before retrying the operation.

HTTP Status Code: 400

#### **OperationNotSupportedException**

The operation is not supported.

HTTP Status Code: 400

#### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)



## DisassociateBudgetFromResource

Service: AWS Service Catalog

Disassociates the specified budget from the specified resource.

### Request Syntax

```
{  
  "BudgetName": "string",  
  "ResourceId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### **BudgetName** (p. 126)

The name of the budget you want to disassociate.

Type: String

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

Required: Yes

#### **ResourceId** (p. 126)

The resource identifier you want to disassociate from. Either a portfolio-id or a product-id.

Type: String

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

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

#### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)

- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DisassociatePrincipalFromPortfolio

Service: AWS Service Catalog

Disassociates a previously associated principal ARN from a specified portfolio.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "PortfolioId": "string",
  "PrincipalARN": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 128)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### PortfolioId (p. 128)

The portfolio identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### PrincipalARN (p. 128)

The ARN of the principal (IAM user, role, or group).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Required: Yes

### Response Elements

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

### Errors

#### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

**ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DisassociateProductFromPortfolio

Service: AWS Service Catalog

Disassociates the specified product from the specified portfolio.

A delegated admin is authorized to invoke this command.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "PortfolioId": "string",  
  "ProductId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 130)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### PortfolioId (p. 130)

The portfolio identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### ProductId (p. 130)

The product identifier.

Type: String

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

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

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **ResourceInUseException**

A resource that is currently in use. Ensure that the resource is not in use and retry the operation.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DisassociateServiceActionFromProvisioningArtifact

Service: AWS Service Catalog

Disassociates the specified self-service action association from the specified provisioning artifact.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "ProductId": "string",  
  "ProvisioningArtifactId": "string",  
  "ServiceActionId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 132)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### ProductId (p. 132)

The product identifier. For example, prod-abcdek7xy33qa.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### ProvisioningArtifactId (p. 132)

The identifier of the provisioning artifact. For example, pa-4abcdjnxjj6ne.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### ServiceActionId (p. 132)

The self-service action identifier. For example, act-fs7abcd89wxyz.

Type: String

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

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

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)



## DisassociateTagOptionFromResource

Service: AWS Service Catalog

Disassociates the specified TagOption from the specified resource.

### Request Syntax

```
{  
  "ResourceId": "string",  
  "TagOptionId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### ResourceId (p. 134)

The resource identifier.

Type: String

Required: Yes

#### TagOptionId (p. 134)

The TagOption identifier.

Type: String

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

Required: Yes

### Response Elements

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

### Errors

#### ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 400

#### TagOptionNotMigratedException

An operation requiring TagOptions failed because the TagOptions migration process has not been performed for this account. Use the AWS Management Console to perform the migration process before retrying the operation.

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](#)

- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## EnableAWSOrganizationsAccess

Service: AWS Service Catalog

Enable portfolio sharing feature through AWS Organizations. This API will allow AWS Service Catalog to receive updates on your organization in order to sync your shares with the current structure. This API can only be called by the management account in the organization.

By calling this API, AWS Service Catalog will make a call to `organizations:EnableAWSServiceAccess` on your behalf so that your shares can be in sync with any changes in your AWS Organizations structure.

Note that a delegated administrator is not authorized to invoke `EnableAWSOrganizationsAccess`.

### Response Elements

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

### Errors

#### **InvalidStateException**

An attempt was made to modify a resource that is in a state that is not valid. Check your resources to ensure that they are in valid states before retrying the operation.

HTTP Status Code: 400

#### **OperationNotSupportedException**

The operation is not supported.

HTTP Status Code: 400

#### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ExecuteProvisionedProductPlan

Service: AWS Service Catalog

Provisions or modifies a product based on the resource changes for the specified plan.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "IdempotencyToken": "string",  
  "PlanId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 137)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### IdempotencyToken (p. 137)

A unique identifier that you provide to ensure idempotency. If multiple requests differ only by the idempotency token, the same response is returned for each repeated request.

Type: String

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

Pattern: [a-zA-Z0-9][a-zA-Z0-9\_-]\*

Required: Yes

#### PlanId (p. 137)

The plan identifier.

Type: String

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

Pattern: ^[a-zA-Z0-9\_\-]\*

Required: Yes

### Response Syntax

```
{  
  "RecordDetail": {  
    "CreateTime": number,  
  }  
}
```

```
    "LaunchRoleArn": "string",
    "PathId": "string",
    "ProductId": "string",
    "ProvisionedProductId": "string",
    "ProvisionedProductName": "string",
    "ProvisionedProductType": "string",
    "ProvisioningArtifactId": "string",
    "RecordErrors": [
      {
        "Code": "string",
        "Description": "string"
      }
    ],
    "RecordId": "string",
    "RecordTags": [
      {
        "Key": "string",
        "Value": "string"
      }
    ],
    "RecordType": "string",
    "Status": "string",
    "UpdateTime": 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.

### RecordDetail (p. 137)

Information about the result of provisioning the product.

Type: [RecordDetail](#) (p. 369) object

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### InvalidStateException

An attempt was made to modify a resource that is in a state that is not valid. Check your resources to ensure that they are in valid states before retrying the operation.

HTTP Status Code: 400

### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ExecuteProvisionedProductServiceAction

Service: AWS Service Catalog

Executes a self-service action against a provisioned product.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "ExecuteToken": "string",
  "Parameters": {
    "string" : [ "string" ]
  },
  "ProvisionedProductId": "string",
  "ServiceActionId": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 140)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### ExecuteToken (p. 140)

An idempotency token that uniquely identifies the execute request.

Type: String

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

Pattern: [a-zA-Z0-9][a-zA-Z0-9\_-]\*

Required: Yes

#### Parameters (p. 140)

A map of all self-service action parameters and their values. If a provided parameter is of a special type, such as `TARGET`, the provided value will override the default value generated by AWS Service Catalog. If the parameters field is not provided, no additional parameters are passed and default values will be used for any special parameters such as `TARGET`.

Type: String to array of strings map

Map Entries: Maximum number of 200 items.

Key Length Constraints: Minimum length of 1. Maximum length of 50.

Array Members: Minimum number of 0 items. Maximum number of 25 items.

Length Constraints: Minimum length of 0. Maximum length of 512.

Required: No

**ProvisionedProductId (p. 140)**

The identifier of the provisioned product.

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: Yes

**ServiceActionId (p. 140)**

The self-service action identifier. For example, `act-fs7abcd89wxyz`.

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: Yes

## Response Syntax

```
{
  "RecordDetail": {
    "CreatedTime": number,
    "LaunchRoleArn": "string",
    "PathId": "string",
    "ProductId": "string",
    "ProvisionedProductId": "string",
    "ProvisionedProductName": "string",
    "ProvisionedProductType": "string",
    "ProvisioningArtifactId": "string",
    "RecordErrors": [
      {
        "Code": "string",
        "Description": "string"
      }
    ],
    "RecordId": "string",
    "RecordTags": [
      {
        "Key": "string",
        "Value": "string"
      }
    ],
    "RecordType": "string",
    "Status": "string",
    "UpdatedTime": 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.

#### **RecordDetail** (p. 141)

An object containing detailed information about the result of provisioning the product.

Type: [RecordDetail](#) (p. 369) object

## **Errors**

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **InvalidStateException**

An attempt was made to modify a resource that is in a state that is not valid. Check your resources to ensure that they are in valid states before retrying the operation.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## GetAWSOrganizationsAccessStatus

Service: AWS Service Catalog

Get the Access Status for AWS Organizations portfolio share feature. This API can only be called by the management account in the organization or by a delegated admin.

### Response Syntax

```
{  
  "AccessStatus": "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.

#### AccessStatus (p. 143)

The status of the portfolio share feature.

Type: String

Valid Values: `ENABLED` | `UNDER_CHANGE` | `DISABLED`

### Errors

#### OperationNotSupportedException

The operation is not supported.

HTTP Status Code: 400

#### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## GetProvisionedProductOutputs

Service: AWS Service Catalog

This API takes either a `ProvisionedProductId` or a `ProvisionedProductName`, along with a list of one or more output keys, and responds with the key/value pairs of those outputs.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "OutputKeys": [ "string" ],
  "PageSize": number,
  "PageToken": "string",
  "ProvisionedProductId": "string",
  "ProvisionedProductName": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 144)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### OutputKeys (p. 144)

The list of keys that the API should return with their values. If none are provided, the API will return all outputs of the provisioned product.

Type: Array of strings

Array Members: Maximum number of 60 items.

Required: No

#### PageSize (p. 144)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 144)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [\u0009\u000a\u000d\u0020-\u007f\u00e0-\u00ff]\*

Required: No

#### **ProvisionedProductId** (p. 144)

The identifier of the provisioned product that you want the outputs from.

Type: String

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

Pattern: ^[a-zA-Z0-9\_-]\*

Required: No

#### **ProvisionedProductName** (p. 144)

The name of the provisioned product that you want the outputs from.

Type: String

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

Pattern: [a-zA-Z0-9][a-zA-Z0-9.\_-]\*

Required: No

## Response Syntax

```
{
  "NextPageToken": "string",
  "Outputs": [
    {
      "Description": "string",
      "OutputKey": "string",
      "OutputValue": "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.

#### **NextPageToken** (p. 145)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [\u0009\u000a\u000d\u0020-\u007f\u00e0-\u00ff]\*

#### **Outputs** (p. 145)

Information about the product created as the result of a request. For example, the output for a CloudFormation-backed product that creates an S3 bucket would include the S3 bucket URL.

Type: Array of [RecordOutput](#) (p. 373) objects

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ImportAsProvisionedProduct

Service: AWS Service Catalog

Requests the import of a resource as a AWS Service Catalog provisioned product that is associated to a AWS Service Catalog product and provisioning artifact. Once imported, all supported AWS Service Catalog governance actions are supported on the provisioned product.

Resource import only supports AWS CloudFormation stack ARNs. AWS CloudFormation StackSets and non-root nested stacks are not supported.

The AWS CloudFormation stack must have one of the following statuses to be imported: CREATE\_COMPLETE, UPDATE\_COMPLETE, UPDATE\_ROLLBACK\_COMPLETE, IMPORT\_COMPLETE, IMPORT\_ROLLBACK\_COMPLETE.

Import of the resource requires that the AWS CloudFormation stack template matches the associated AWS Service Catalog product provisioning artifact.

The user or role that performs this operation must have the `cloudformation:GetTemplate` and `cloudformation:DescribeStacks` IAM policy permissions.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "IdempotencyToken": "string",  
  "PhysicalId": "string",  
  "ProductId": "string",  
  "ProvisionedProductName": "string",  
  "ProvisioningArtifactId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 147)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### IdempotencyToken (p. 147)

A unique identifier that you provide to ensure idempotency. If multiple requests differ only by the idempotency token, the same response is returned for each repeated request.

Type: String

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

Pattern: `[a-zA-Z0-9][a-zA-Z0-9_-]*`

Required: Yes

### PhysicalId (p. 147)

The unique identifier of the resource to be imported. It only currently supports AWS CloudFormation stack IDs.

Type: String

Required: Yes

### ProductId (p. 147)

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

### ProvisionedProductName (p. 147)

The user-friendly name of the provisioned product. The value must be unique for the AWS account. The name cannot be updated after the product is provisioned.

Type: String

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

Pattern: `[a-zA-Z0-9][a-zA-Z0-9._-]*`

Required: Yes

### ProvisioningArtifactId (p. 147)

The identifier of the provisioning artifact.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

## Response Syntax

```
{
  "RecordDetail": {
    "CreatedTime": number,
    "LaunchRoleArn": "string",
    "PathId": "string",
    "ProductId": "string",
    "ProvisionedProductId": "string",
    "ProvisionedProductName": "string",
    "ProvisionedProductType": "string",
    "ProvisioningArtifactId": "string",
    "RecordErrors": [
      {
        "Code": "string",
        "Description": "string"
      }
    ]
  }
}
```

```
    ],  
    "RecordId": "string",  
    "RecordTags": [  
      {  
        "Key": "string",  
        "Value": "string"  
      }  
    ],  
    "RecordType": "string",  
    "Status": "string",  
    "UpdateTime": 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.

### RecordDetail (p. 148)

Information about a request operation.

Type: [RecordDetail \(p. 369\)](#) object

## Errors

### DuplicateResourceException

The specified resource is a duplicate.

HTTP Status Code: 400

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### InvalidStateException

An attempt was made to modify a resource that is in a state that is not valid. Check your resources to ensure that they are in valid states before retrying the operation.

HTTP Status Code: 400

### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)



- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ListAcceptedPortfolioShares

Service: AWS Service Catalog

Lists all portfolios for which sharing was accepted by this account.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "PageSize": number,  
  "PageToken": "string",  
  "PortfolioShareType": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 151)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### PageSize (p. 151)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 151)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\u007f\u00e0-\u00ff ] \*

Required: No

#### PortfolioShareType (p. 151)

The type of shared portfolios to list. The default is to list imported portfolios.

- AWS\_ORGANIZATIONS - List portfolios shared by the management account of your organization
- AWS\_SERVICECATALOG - List default portfolios
- IMPORTED - List imported portfolios

Type: String

Valid Values: IMPORTED | AWS\_SERVICECATALOG | AWS\_ORGANIZATIONS

Required: No

## Response Syntax

```
{
  "NextPageToken": "string",
  "PortfolioDetails": [
    {
      "ARN": "string",
      "CreatedTime": number,
      "Description": "string",
      "DisplayName": "string",
      "Id": "string",
      "ProviderName": "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.

### NextPageToken (p. 152)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\u007f\u00e0-\ufffd ]\*

### PortfolioDetails (p. 152)

Information about the portfolios.

Type: Array of [PortfolioDetail \(p. 329\)](#) objects

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### OperationNotSupportedException

The operation is not supported.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)



Required: Yes

## Response Syntax

```
{
  "Budgets": [
    {
      "BudgetName": "string"
    }
  ],
  "NextPageToken": "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.

### Budgets (p. 155)

Information about the associated budgets.

Type: Array of [BudgetDetail](#) (p. 314) objects

### NextPageToken (p. 155)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\u007f\u00e0-\ufffd]\*

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ListConstraintsForPortfolio

Service: AWS Service Catalog

Lists the constraints for the specified portfolio and product.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "PageSize": number,  
  "PageToken": "string",  
  "PortfolioId": "string",  
  "ProductId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 157)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### PageSize (p. 157)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 157)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\u007f\u00e0-\u00ff]\*

Required: No

#### PortfolioId (p. 157)

The portfolio identifier.

Type: String

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



Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### **ProductId (p. 157)**

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

## **Response Syntax**

```
{
  "ConstraintDetails": [
    {
      "ConstraintId": "string",
      "Description": "string",
      "Owner": "string",
      "PortfolioId": "string",
      "ProductId": "string",
      "Type": "string"
    }
  ],
  "NextPageToken": "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.

#### **ConstraintDetails (p. 158)**

Information about the constraints.

Type: Array of [ConstraintDetail \(p. 316\)](#) objects

#### **NextPageToken (p. 158)**

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[\u0009\u000a\u000d\u0020-\u0D7FF\uE000-\uFFFF]*`

## **Errors**

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

**ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ListLaunchPaths

Service: AWS Service Catalog

Lists the paths to the specified product. A path is how the user has access to a specified product, and is necessary when provisioning a product. A path also determines the constraints put on the product.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "PageSize": number,
  "PageToken": "string",
  "ProductId": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 160)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### PageSize (p. 160)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 160)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\u007f\u00e0-\ufffd ]\*

Required: No

#### ProductId (p. 160)

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

## Response Syntax

```
{
  "LaunchPathSummaries": [
    {
      "ConstraintSummaries": [
        {
          "Description": "string",
          "Type": "string"
        }
      ],
      "Id": "string",
      "Name": "string",
      "Tags": [
        {
          "Key": "string",
          "Value": "string"
        }
      ]
    }
  ],
  "NextPageToken": "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.

### LaunchPathSummaries (p. 161)

Information about the launch path.

Type: Array of [LaunchPathSummary \(p. 323\)](#) objects

### NextPageToken (p. 161)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[\u0009\u000a\u000d\u0020-\u007f\u00e0-\u00ff]*`

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ListOrganizationPortfolioAccess

Service: AWS Service Catalog

Lists the organization nodes that have access to the specified portfolio. This API can only be called by the management account in the organization or by a delegated admin.

If a delegated admin is de-registered, they can no longer perform this operation.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "OrganizationNodeType": "string",
  "PageSize": number,
  "PageToken": "string",
  "PortfolioId": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 163)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### OrganizationNodeType (p. 163)

The organization node type that will be returned in the output.

- ORGANIZATION - Organization that has access to the portfolio.
- ORGANIZATIONAL\_UNIT - Organizational unit that has access to the portfolio within your organization.
- ACCOUNT - Account that has access to the portfolio within your organization.

Type: String

Valid Values: ORGANIZATION | ORGANIZATIONAL\_UNIT | ACCOUNT

Required: Yes

#### PageSize (p. 163)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 163)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[\u0009\u000a\u000d\u0020-\u007f\u00e0-\u00ff]*`

Required: No

### **PortfolioId** (p. 163)

The portfolio identifier. For example, `port-2abcdext3y5fk`.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

## **Response Syntax**

```
{
  "NextPageToken": "string",
  "OrganizationNodes": [
    {
      "Type": "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.

### **NextPageToken** (p. 164)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[\u0009\u000a\u000d\u0020-\u007f\u00e0-\u00ff]*`

### **OrganizationNodes** (p. 164)

Displays information about the organization nodes.

Type: Array of [OrganizationNode](#) (p. 326) objects

## **Errors**

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

**OperationNotSupportedException**

The operation is not supported.

HTTP Status Code: 400

**ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)



## ListPortfolioAccess

Service: AWS Service Catalog

Lists the account IDs that have access to the specified portfolio.

A delegated admin can list the accounts that have access to the shared portfolio. Note that if a delegated admin is de-registered, they can no longer perform this operation.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "OrganizationParentId": "string",
  "PageSize": number,
  "PageToken": "string",
  "PortfolioId": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 166)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### OrganizationParentId (p. 166)

The ID of an organization node the portfolio is shared with. All children of this node with an inherited portfolio share will be returned.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### PageSize (p. 166)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 100.

Required: No

#### PageToken (p. 166)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\u007f\u00e0-\ufffd]\*

Required: No

#### **PortfolioId (p. 166)**

The portfolio identifier.

Type: String

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

Pattern: ^[a-zA-Z0-9\_\-]\*

Required: Yes

## **Response Syntax**

```
{
  "AccountIds": [ "string" ],
  "NextPageToken": "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.

#### **AccountIds (p. 167)**

Information about the AWS accounts with access to the portfolio.

Type: Array of strings

Pattern: ^[0-9]{12}\$

#### **NextPageToken (p. 167)**

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\u007f\u00e0-\ufffd]\*

## **Errors**

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ListPortfolios

Service: AWS Service Catalog

Lists all portfolios in the catalog.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "PageSize": number,  
  "PageToken": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 169)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### PageSize (p. 169)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 169)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[\u0009\u000a\u000d\u0020-\u007f\u0000-\u00ff]*`

Required: No

### Response Syntax

```
{  
  "NextPageToken": "string",  
  "PortfolioDetails": [  
    {  
      "ARN": "string",  

```

```
        "CreatedTime": number,  
        "Description": "string",  
        "DisplayName": "string",  
        "Id": "string",  
        "ProviderName": "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.

### **NextPageToken** (p. 169)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [0009\u000a\u000d\u0020-\u007F\uE000-\uFFFF]\*

### **PortfolioDetails** (p. 169)

Information about the portfolios.

Type: Array of [PortfolioDetail](#) (p. 329) objects

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ListPortfoliosForProduct

Service: AWS Service Catalog

Lists all portfolios that the specified product is associated with.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "PageSize": number,  
  "PageToken": "string",  
  "ProductId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 171)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### PageSize (p. 171)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 171)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\u007f\u00e0-\ufffd ]\*

Required: No

#### ProductId (p. 171)

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: Yes

## Response Syntax

```
{
  "NextPageToken": "string",
  "PortfolioDetails": [
    {
      "ARN": "string",
      "CreatedTime": number,
      "Description": "string",
      "DisplayName": "string",
      "Id": "string",
      "ProviderName": "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.

### NextPageToken (p. 172)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[\u0009\u000a\u000d\u0020-\u007f\u00e0-\u00ff]*`

### PortfolioDetails (p. 172)

Information about the portfolios.

Type: Array of [PortfolioDetail \(p. 329\)](#) objects

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)



## ListPrincipalsForPortfolio

Service: AWS Service Catalog

Lists all principal ARNs associated with the specified portfolio.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "PageSize": number,  
  "PageToken": "string",  
  "PortfolioId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 174)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### PageSize (p. 174)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 174)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\u007f\u0080-\u00ff ]\*

Required: No

#### PortfolioId (p. 174)

The portfolio identifier.

Type: String

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

Pattern: ^[a-zA-Z0-9\_-]\*

Required: Yes

## Response Syntax

```
{
  "NextPageToken": "string",
  "Principals": [
    {
      "PrincipalARN": "string",
      "PrincipalType": "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.

### NextPageToken (p. 175)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\u007f\u00e0-\ufffd]\*

### Principals (p. 175)

The IAM principals (users or roles) associated with the portfolio.

Type: Array of [Principal \(p. 333\)](#) objects

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)

- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ListProvisionedProductPlans

Service: AWS Service Catalog

Lists the plans for the specified provisioned product or all plans to which the user has access.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "AccessLevelFilter": {
    "Key": "string",
    "Value": "string"
  },
  "PageSize": number,
  "PageToken": "string",
  "ProvisionProductId": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 177)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### AccessLevelFilter (p. 177)

The access level to use to obtain results. The default is `User`.

Type: [AccessLevelFilter](#) (p. 313) object

Required: No

#### PageSize (p. 177)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 177)

The page token for the next set of results. To retrieve the first set of results, use `null`.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[ \u0009\u000a\u000d\u0020-\u007f\u00e0-\ufffd]*`

Required: No

#### **ProvisionProductId** (p. 177)

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: No

## Response Syntax

```
{
  "NextPageToken": "string",
  "ProvisionedProductPlans": [
    {
      "PlanId": "string",
      "PlanName": "string",
      "PlanType": "string",
      "ProvisioningArtifactId": "string",
      "ProvisionProductId": "string",
      "ProvisionProductName": "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.

#### **NextPageToken** (p. 178)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[\u0009\u000a\u000d\u0020-\u007f\u0080-\u00ff\u0100-\u017f\u0180-\u01ff\u0200-\u02ff\u0300-\u036f\u0370-\u03ff\u0400-\u047f\u0480-\u04ff\u0500-\u056f\u0570-\u05ff\u0600-\u06ff\u0700-\u07ff\u0800-\u087f\u0880-\u08ff\u0900-\u097f\u0980-\u09ff\u0a00-\u0a7f\u0a80-\u0aff\u0b00-\u0b7f\u0b80-\u0bff\u0c00-\u0c7f\u0c80-\u0cff\u0d00-\u0d7f\u0d80-\u0dff\u0e00-\u0e7f\u0e80-\u0eff\u0f00-\u0fff\u1000-\u107f\u1080-\u10ff\u1100-\u117f\u1180-\u11ff\u1200-\u127f\u1280-\u12ff\u1300-\u137f\u1380-\u13ff\u1400-\u147f\u1480-\u14ff\u1500-\u157f\u1580-\u15ff\u1600-\u167f\u1680-\u16ff\u1700-\u177f\u1780-\u17ff\u1800-\u187f\u1880-\u18ff\u1900-\u197f\u1980-\u19ff\u1a00-\u1a7f\u1a80-\u1aff\u1b00-\u1b7f\u1b80-\u1bff\u1c00-\u1c7f\u1c80-\u1cff\u1d00-\u1d7f\u1d80-\u1dff\u1e00-\u1e7f\u1e80-\u1eff\u1f00-\u1fff\u2000-\u206f\u2070-\u20ff\u2100-\u214f\u2150-\u21ff\u2200-\u223f\u2240-\u22ff\u2300-\u237f\u2380-\u23ff\u2400-\u243f\u2440-\u24ff\u2500-\u254f\u2550-\u25ff\u2600-\u264f\u2650-\u26ff\u2700-\u273f\u2740-\u27ff\u2800-\u283f\u2840-\u28ff\u2900-\u293f\u2940-\u29ff\u2a00-\u2a6f\u2a70-\u2aff\u2b00-\u2b7f\u2b80-\u2bff\u2c00-\u2c7f\u2c80-\u2cff\u2d00-\u2d7f\u2d80-\u2dff\u2e00-\u2e7f\u2e80-\u2eff\u2f00-\u2fff\u3000-\u303f\u3040-\u30ff\u3100-\u314f\u3150-\u31ff\u3200-\u327f\u3280-\u32ff\u3300-\u337f\u3380-\u33ff\u3400-\u347f\u3480-\u34ff\u3500-\u357f\u3580-\u35ff\u3600-\u367f\u3680-\u36ff\u3700-\u377f\u3780-\u37ff\u3800-\u387f\u3880-\u38ff\u3900-\u397f\u3980-\u39ff\u3a00-\u3a7f\u3a80-\u3aff\u3b00-\u3b7f\u3b80-\u3bff\u3c00-\u3c7f\u3c80-\u3cff\u3d00-\u3d7f\u3d80-\u3dff\u3e00-\u3e7f\u3e80-\u3eff\u3f00-\u3fff\u4000-\u407f\u4080-\u40ff\u4100-\u417f\u4180-\u41ff\u4200-\u427f\u4280-\u42ff\u4300-\u437f\u4380-\u43ff\u4400-\u447f\u4480-\u44ff\u4500-\u457f\u4580-\u45ff\u4600-\u467f\u4680-\u46ff\u4700-\u477f\u4780-\u47ff\u4800-\u487f\u4880-\u48ff\u4900-\u497f\u4980-\u49ff\u4a00-\u4a7f\u4a80-\u4aff\u4b00-\u4b7f\u4b80-\u4bff\u4c00-\u4c7f\u4c80-\u4cff\u4d00-\u4d7f\u4d80-\u4dff\u4e00-\u4e7f\u4e80-\u4eff\u4f00-\u4fff\u5000-\u507f\u5080-\u50ff\u5100-\u517f\u5180-\u51ff\u5200-\u527f\u5280-\u52ff\u5300-\u537f\u5380-\u53ff\u5400-\u547f\u5480-\u54ff\u5500-\u557f\u5580-\u55ff\u5600-\u567f\u5680-\u56ff\u5700-\u577f\u5780-\u57ff\u5800-\u587f\u5880-\u58ff\u5900-\u597f\u5980-\u59ff\u5a00-\u5a7f\u5a80-\u5aff\u5b00-\u5b7f\u5b80-\u5bff\u5c00-\u5c7f\u5c80-\u5cff\u5d00-\u5d7f\u5d80-\u5dff\u5e00-\u5e7f\u5e80-\u5eff\u5f00-\u5fff\u6000-\u607f\u6080-\u60ff\u6100-\u617f\u6180-\u61ff\u6200-\u627f\u6280-\u62ff\u6300-\u637f\u6380-\u63ff\u6400-\u647f\u6480-\u64ff\u6500-\u657f\u6580-\u65ff\u6600-\u667f\u6680-\u66ff\u6700-\u677f\u6780-\u67ff\u6800-\u687f\u6880-\u68ff\u6900-\u697f\u6980-\u69ff\u6a00-\u6a7f\u6a80-\u6aff\u6b00-\u6b7f\u6b80-\u6bff\u6c00-\u6c7f\u6c80-\u6cff\u6d00-\u6d7f\u6d80-\u6dff\u6e00-\u6e7f\u6e80-\u6eff\u6f00-\u6fff\u7000-\u707f\u7080-\u70ff\u7100-\u717f\u7180-\u71ff\u7200-\u727f\u7280-\u72ff\u7300-\u737f\u7380-\u73ff\u7400-\u747f\u7480-\u74ff\u7500-\u757f\u7580-\u75ff\u7600-\u767f\u7680-\u76ff\u7700-\u777f\u7780-\u77ff\u7800-\u787f\u7880-\u78ff\u7900-\u797f\u7980-\u79ff\u7a00-\u7a7f\u7a80-\u7aff\u7b00-\u7b7f\u7b80-\u7bff\u7c00-\u7c7f\u7c80-\u7cff\u7d00-\u7d7f\u7d80-\u7dff\u7e00-\u7e7f\u7e80-\u7eff\u7f00-\u7fff\u8000-\u807f\u8080-\u80ff\u8100-\u817f\u8180-\u81ff\u8200-\u827f\u8280-\u82ff\u8300-\u837f\u8380-\u83ff\u8400-\u847f\u8480-\u84ff\u8500-\u857f\u8580-\u85ff\u8600-\u867f\u8680-\u86ff\u8700-\u877f\u8780-\u87ff\u8800-\u887f\u8880-\u88ff\u8900-\u897f\u8980-\u89ff\u8a00-\u8a7f\u8a80-\u8aff\u8b00-\u8b7f\u8b80-\u8bff\u8c00-\u8c7f\u8c80-\u8cff\u8d00-\u8d7f\u8d80-\u8dff\u8e00-\u8e7f\u8e80-\u8eff\u8f00-\u8fff\u9000-\u907f\u9080-\u90ff\u9100-\u917f\u9180-\u91ff\u9200-\u927f\u9280-\u92ff\u9300-\u937f\u9380-\u93ff\u9400-\u947f\u9480-\u94ff\u9500-\u957f\u9580-\u95ff\u9600-\u967f\u9680-\u96ff\u9700-\u977f\u9780-\u97ff\u9800-\u987f\u9880-\u98ff\u9900-\u997f\u9980-\u99ff\u9a00-\u9a7f\u9a80-\u9aff\u9b00-\u9b7f\u9b80-\u9bff\u9c00-\u9c7f\u9c80-\u9cff\u9d00-\u9d7f\u9d80-\u9dff\u9e00-\u9e7f\u9e80-\u9eff\u9f00-\u9fff\ua000-\ua07f\ua080-\ua0ff\ua100-\ua17f\ua180-\ua1ff\ua200-\ua27f\ua280-\ua2ff\ua300-\ua37f\ua380-\ua3ff\ua400-\ua47f\ua480-\ua4ff\ua500-\ua57f\ua580-\ua5ff\ua600-\ua67f\ua680-\ua6ff\ua700-\ua77f\ua780-\ua7ff\ua800-\ua87f\ua880-\ua8ff\ua900-\ua97f\ua980-\ua9ff\uaa00-\uaa7f\uaa80-\uaaff\uab00-\uab7f\uab80-\uabff\uac00-\uac7f\uac80-\uacff\uad00-\uad7f\uad80-\uadff\uae00-\uae7f\uae80-\uaeff\uaf00-\uaff7f\uaff80-\uaffff\u10000-\u1007f\u10080-\u100ff\u10100-\u1017f\u10180-\u101ff\u10200-\u1027f\u10280-\u102ff\u10300-\u1037f\u10380-\u103ff\u10400-\u1047f\u10480-\u104ff\u10500-\u1057f\u10580-\u105ff\u10600-\u1067f\u10680-\u106ff\u10700-\u1077f\u10780-\u107ff\u10800-\u1087f\u10880-\u108ff\u10900-\u1097f\u10980-\u109ff\u10a00-\u10a7f\u10a80-\u10aff\u10b00-\u10b7f\u10b80-\u10bff\u10c00-\u10c7f\u10c80-\u10cff\u10d00-\u10d7f\u10d80-\u10dff\u10e00-\u10e7f\u10e80-\u10eff\u10f00-\u10fff\u11000-\u1107f\u11080-\u110ff\u11100-\u1117f\u11180-\u111ff\u11200-\u1127f\u11280-\u112ff\u11300-\u1137f\u11380-\u113ff\u11400-\u1147f\u11480-\u114ff\u11500-\u1157f\u11580-\u115ff\u11600-\u1167f\u11680-\u116ff\u11700-\u1177f\u11780-\u117ff\u11800-\u1187f\u11880-\u118ff\u11900-\u1197f\u11980-\u119ff\u11a00-\u11a7f\u11a80-\u11aff\u11b00-\u11b7f\u11b80-\u11bff\u11c00-\u11c7f\u11c80-\u11cff\u11d00-\u11d7f\u11d80-\u11dff\u11e00-\u11e7f\u11e80-\u11eff\u11f00-\u11fff\u12000-\u1207f\u12080-\u120ff\u12100-\u1217f\u12180-\u121ff\u12200-\u1227f\u12280-\u122ff\u12300-\u1237f\u12380-\u123ff\u12400-\u1247f\u12480-\u124ff\u12500-\u1257f\u12580-\u125ff\u12600-\u1267f\u12680-\u126ff\u12700-\u1277f\u12780-\u127ff\u12800-\u1287f\u12880-\u128ff\u12900-\u1297f\u12980-\u129ff\u12a00-\u12a7f\u12a80-\u12aff\u12b00-\u12b7f\u12b80-\u12bff\u12c00-\u12c7f\u12c80-\u12cff\u12d00-\u12d7f\u12d80-\u12dff\u12e00-\u12e7f\u12e80-\u12eff\u12f00-\u12fff\u13000-\u1307f\u13080-\u130ff\u13100-\u1317f\u13180-\u131ff\u13200-\u1327f\u13280-\u132ff\u13300-\u1337f\u13380-\u133ff\u13400-\u1347f\u13480-\u134ff\u13500-\u1357f\u13580-\u135ff\u13600-\u1367f\u13680-\u136ff\u13700-\u1377f\u13780-\u137ff\u13800-\u1387f\u13880-\u138ff\u13900-\u1397f\u13980-\u139ff\u13a00-\u13a7f\u13a80-\u13aff\u13b00-\u13b7f\u13b80-\u13bff\u13c00-\u13c7f\u13c80-\u13cff\u13d00-\u13d7f\u13d80-\u13dff\u13e00-\u13e7f\u13e80-\u13eff\u13f00-\u13fff\u14000-\u1407f\u14080-\u140ff\u14100-\u1417f\u14180-\u141ff\u14200-\u1427f\u14280-\u142ff\u14300-\u1437f\u14380-\u143ff\u14400-\u1447f\u14480-\u144ff\u14500-\u1457f\u14580-\u145ff\u14600-\u1467f\u14680-\u146ff\u14700-\u1477f\u14780-\u147ff\u14800-\u1487f\u14880-\u148ff\u14900-\u1497f\u14980-\u149ff\u14a00-\u14a7f\u14a80-\u14aff\u14b00-\u14b7f\u14b80-\u14bff\u14c00-\u14c7f\u14c80-\u14cff\u14d00-\u14d7f\u14d80-\u14dff\u14e00-\u14e7f\u14e80-\u14eff\u14f00-\u14fff\u15000-\u1507f\u15080-\u150ff\u15100-\u1517f\u15180-\u151ff\u15200-\u1527f\u15280-\u152ff\u15300-\u1537f\u15380-\u153ff\u15400-\u1547f\u15480-\u154ff\u15500-\u1557f\u15580-\u155ff\u15600-\u1567f\u15680-\u156ff\u15700-\u1577f\u15780-\u157ff\u15800-\u1587f\u15880-\u158ff\u15900-\u1597f\u15980-\u159ff\u15a00-\u15a7f\u15a80-\u15aff\u15b00-\u15b7f\u15b80-\u15bff\u15c00-\u15c7f\u15c80-\u15cff\u15d00-\u15d7f\u15d80-\u15dff\u15e00-\u15e7f\u15e80-\u15eff\u15f00-\u15fff\u16000-\u1607f\u16080-\u160ff\u16100-\u1617f\u16180-\u161ff\u16200-\u1627f\u16280-\u162ff\u16300-\u1637f\u16380-\u163ff\u16400-\u1647f\u16480-\u164ff\u16500-\u1657f\u16580-\u165ff\u16600-\u1667f\u16680-\u166ff\u16700-\u1677f\u16780-\u167ff\u16800-\u1687f\u16880-\u168ff\u16900-\u1697f\u16980-\u169ff\u16a00-\u16a7f\u16a80-\u16aff\u16b00-\u16b7f\u16b80-\u16bff\u16c00-\u16c7f\u16c80-\u16cff\u16d00-\u16d7f\u16d80-\u16dff\u16e00-\u16e7f\u16e80-\u16eff\u16f00-\u16fff\u17000-\u1707f\u17080-\u170ff\u17100-\u1717f\u17180-\u171ff\u17200-\u1727f\u17280-\u172ff\u17300-\u1737f\u17380-\u173ff\u17400-\u1747f\u17480-\u174ff\u17500-\u1757f\u17580-\u175ff\u17600-\u1767f\u17680-\u176ff\u17700-\u1777f\u17780-\u177ff\u17800-\u1787f\u17880-\u178ff\u17900-\u1797f\u17980-\u179ff\u17a00-\u17a7f\u17a80-\u17aff\u17b00-\u17b7f\u17b80-\u17bff\u17c00-\u17c7f\u17c80-\u17cff\u17d00-\u17d7f\u17d80-\u17dff\u17e00-\u17e7f\u17e80-\u17eff\u17f00-\u17fff\u18000-\u1807f\u18080-\u180ff\u18100-\u1817f\u18180-\u181ff\u18200-\u1827f\u18280-\u182ff\u18300-\u1837f\u18380-\u183ff\u18400-\u1847f\u18480-\u184ff\u18500-\u1857f\u18580-\u185ff\u18600-\u1867f\u18680-\u186ff\u18700-\u1877f\u18780-\u187ff\u18800-\u1887f\u18880-\u188ff\u18900-\u1897f\u18980-\u189ff\u18a00-\u18a7f\u18a80-\u18aff\u18b00-\u18b7f\u18b80-\u18bff\u18c00-\u18c7f\u18c80-\u18cff\u18d00-\u18d7f\u18d80-\u18dff\u18e00-\u18e7f\u18e80-\u18eff\u18f00-\u18fff\u19000-\u1907f\u19080-\u190ff\u19100-\u1917f\u19180-\u191ff\u19200-\u1927f\u19280-\u192ff\u19300-\u1937f\u19380-\u193ff\u19400-\u1947f\u19480-\u194ff\u19500-\u1957f\u19580-\u195ff\u19600-\u1967f\u19680-\u196ff\u19700-\u1977f\u19780-\u197ff\u19800-\u1987f\u19880-\u198ff\u19900-\u1997f\u19980-\u199ff\u19a00-\u19a7f\u19a80-\u19aff\u19b00-\u19b7f\u19b80-\u19bff\u19c00-\u19c7f\u19c80-\u19cff\u19d00-\u19d7f\u19d80-\u19dff\u19e00-\u19e7f\u19e80-\u19eff\u19f00-\u19fff\u1a000-\u1a07f\u1a080-\u1a0ff\u1a100-\u1a17f\u1a180-\u1a1ff\u1a200-\u1a27f\u1a280-\u1a2ff\u1a300-\u1a37f\u1a380-\u1a3ff\u1a400-\u1a47f\u1a480-\u1a4ff\u1a500-\u1a57f\u1a580-\u1a5ff\u1a600-\u1a67f\u1a680-\u1a6ff\u1a700-\u1a77f\u1a780-\u1a7ff\u1a800-\u1a87f\u1a880-\u1a8ff\u1a900-\u1a97f\u1a980-\u1a9ff\u1aa00-\u1aa7f\u1aa80-\u1aaff\u1ab00-\u1ab7f\u1ab80-\u1abff\u1ac00-\u1ac7f\u1ac80-\u1acff\u1ad00-\u1ad7f\u1ad80-\u1adff\u1ae00-\u1ae7f\u1ae80-\u1aef\u1af00-\u1af7f\u1af80-\u1afff\u1b000-\u1b07f\u1b080-\u1b0ff\u1b100-\u1b17f\u1b180-\u1b1ff\u1b200-\u1b27f\u1b280-\u1b2ff\u1b300-\u1b37f\u1b380-\u1b3ff\u1b400-\u1b47f\u1b480-\u1b4ff\u1b500-\u1b57f\u1b580-\u1b5ff\u1b600-\u1b67f\u1b680-\u1b6ff\u1b700-\u1b77f\u1b780-\u1b7ff\u1b800-\u1b87f\u1b880-\u1b8ff\u1b900-\u1b97f\u1b980-\u1b9ff\u1ba00-\u1ba7f\u1ba80-\u1baff\u1bb00-\u1bb7f\u1bb80-\u1bbff\u1bc00-\u1bc7f\u1bc80-\u1bcff\u1bd00-\u1bd7f\u1bd80-\u1bdff\u1be00-\u1be7f\u1be80-\u1bef\u1bf00-\u1bf7f\u1bf80-\u1bfff\u1c000-\u1c07f\u1c080-\u1c0ff\u1c100-\u1c17f\u1c180-\u1c1ff\u1c200-\u1c27f\u1c280-\u1c2ff\u1c300-\u1c37f\u1c380-\u1c3ff\u1c400-\u1c47f\u1c480-\u1c4ff\u1c500-\u1c57f\u1c580-\u1c5ff\u1c600-\u1c67f\u1c680-\u1c6ff\u1c700-\u1c77f\u1c780-\u1c7ff\u1c800-\u1c87f\u1c880-\u1c8ff\u1c900-\u1c97f\u1c980-\u1c9ff\u1ca00-\u1ca7f\u1ca80-\u1caff\u1cb00-\u1cb7f\u1cb80-\u1cbff\u1cc00-\u1cc7f\u1cc80-\u1ccff\u1cd00-\u1cd7f\u1cd80-\u1cdf\u1ce00-\u1ce7f\u1ce80-\u1cef\u1cf00-\u1cf7f\u1cf80-\u1cfff\u1d000-\u1d07f\u1d080-\u1d0ff\u1d100-\u1d17f\u1d180-\u1d1ff\u1d200-\u1d27f\u1d280-\u1d2ff\u1d300-\u1d37f\u1d380-\u1d3ff\u1d400-\u1d47f\u1d480-\u1d4ff\u1d500-\u1d57f\u1d580-\u1d5ff\u1d600-\u1d67f\u1d680-\u1d6ff\u1d700-\u1d77f\u1d780-\u1d7ff\u1d800-\u1d87f\u1d880-\u1d8ff\u1d900-\u1d97f\u1d980-\u1d9ff\u1da00-\u1da7f\u1da80-\u1daff\u1db00-\u1db7f\u1db80-\u1dbff\u1dc00-\u1dc7f\u1dc80-\u1dcff\u1dd00-\u1dd7f\u1dd80-\u1ddf\u1de00-\u1de7f\u1de80-\u1def\u1df00-\u1df7f\u1df80-\u1dfff\u1e000-\u1e07f\u1e080-\u1e0ff\u1e100-\u1e17f\u1e180-\u1e1ff\u1e200-\u1e27f\u1e280-\u1e2ff\u1e300-\u1e37f\u1e380-\u1e3ff\u1e400-\u1e47f\u1e480-\u1e4ff\u1e500-\u1e57f\u1e580-\u1e5ff\u1e600-\u1e67f\u1e680-\u1e6ff\u1e700-\u1e77f\u1e780-\u1e7ff\u1e800-\u1e87f\u1e880-\u1e8ff\u1e900-\u1e97f\u1e980-\u1e9ff\u1ea00-\u1ea7f\u1ea80-\u1eaff\u1eb00-\u1eb7f\u1eb80-\u1ebff\u1ec00-\u1ec7f\u1ec80-\u1ecff\u1ed00-\u1ed7f\u1ed80-\u1edff\u1ee00-\u1ee7f\u1ee80-\u1eeff\u1ef00-\u1ef7f\u1ef80-\u1efff\u1f000-\u1f07f\u1f080-\u1f0ff\u1f100-\u1f17f\u1f180-\u1f1ff\u1f200-\u1f27f\u1f280-\u1f2ff\u1f300-\u1f37f\u1f380-\u1f3ff\u1f400-\u1f47f\u1f480-\u1f4ff\u1f500-\u1f57f\u1f580-\u1f5ff\u1f600-\u1f67f\u1f680-\u1f6ff\u1f700-\u1f77f\u1f780-\u1f7ff\u1f800-\u1f87f\u1f880-\u1f8ff\u1f900-\u1f97f\u1f980-\u1f9ff\u1fa00-\u1fa7f\u1fa80-\u1faff\u1fb00-\u1fb7f\u1fb80-\u1fbff\u1fc00-\u1fc7f\u1fc80-\u1fcff\u1fd00-\u1fd7f\u1fd80-\u1fdf\u1fe00-\u1fe7f\u1fe80-\u1fef\u1ff00-\u1ff7f\u1ff80-\u1ffff\u20000-\u2007f\u20080-\u200ff\u20100-\u2017f\u20180-\u201ff\u20200-\u2027f\u20280-\u202ff\u20300-\u2037f\u20380-\u203ff\u20400-\u2047f\u20480-\u204ff\u20500-\u2057f\u20580-\u205ff\u20600-\u2067f\u20680-\u206ff\u20700-\u2077f\u20780-\u207ff\u20800-\u2087f\u20880-\u208ff\u20900-\u2097f\u20980-\u209ff\u20a00-\u20a7f\u20a80-\u20aff\u20b00-\u20b7f\u20b80-\u20bff\u20c00-\u20c7f\u20c80-\u20cff\u20d00-\u20d7f\u20d80-\u20dff\u20e00-\u20e7f\u20e80-\u20eff\u20f00-\u20fff\u21000-\u2107f\u21080-\u210ff\u21100-\u2117f\u21180-\u211ff\u21200-\u2127f\u21280-\u212ff\u21300-\u2137f\u21380-\u213ff\u21400-\u2147f\u21480-\u214ff\u21500-\u2157f\u21580-\u215ff\u21600-\u2167f\u21680-\u216ff\u21700-\u2177f\u21780-\u217ff\u21800-\u2187f\u21880-\u218ff\u21900-\u2197f\u21980-\u219ff\u21a00-\u21a7f\u21a80-\u21aff\u21b00-\u21b7f\u21b80-\u21bff\u21c00-\u21c7f\u21c80-\u21cff\u21d00-\u21d7f\u21d80-\u21dff\u21e00-\u21e7f\u21e80-\u21eff\u21f00-\u21fff\u22000-\u2207f\u22080-\u220ff\u22100-\u2217f\u22180-\u221ff\u22200-\u2227f\u22280-\u222ff\u22300-\u2237f\u22380-\u223ff\u22400-\u2247f\u22480-\u224ff\u22500-\u2257f\u22580-\u225ff\u22600-\u2267f\u22680-\u226ff\u22700-\u2277f\u22780-\u227ff\u22800-\u2287f\u22880-\u228ff\u22900-\u2297f\u22980-\u229ff\u22a00-\u22a7f\u22a80-\u22aff\u22b00-\u22b7f\u22b80-\u22bff\u22c00-\u22c7f\u22c80-\u22cff\u22d00-\u22d7f\u22d80-\u22dff\u22e00-\u22e7f\u22e80-\u22eff\u22f00-\u22fff\u23000-\u2307f\u23080-\u230ff\u23100-\u2317f\u23180-\u231ff\u23200-\u2327f\u23280-\u232ff\u23300-\u2337f\u23380-\u233ff\u23400-\u2347f\u23480-\u234ff\u23500-\u2357f\u23580-\u235ff\u23600-\u2367f\u23680-\u236ff\u23700-\u2377f\u23780-\u237ff\u23800-\u2387f\u23880-\u238ff\u23900-\u2397f\u23980-\u239ff\u23a00-\u23a7f\u23a80-\u23aff\u23b00-\u23b7f\u23b80-\u23bff\u23c00-\u23c7f\u23c80-\u23cff\u23d00-\u23d7f\u23d80-\u23dff\u23e00-\u23e7f\u23e80-\u23eff\u23f00-\u23fff\u24000-\u2407f\u24080-\u240ff\u24100-\u2417f\u24180-\u241ff\u24200-\u2427f\u24280-\u242ff\u24300-\u2437f\u24380-\u243ff\u24400-\u2447f\u24480-\u244ff\u24500-\u2457f\u24580-\u245ff\u24600-\u2467f\u24680-\u246ff\u24700-\u2477f\u24780-\u247ff\u24800-\u2487f\u24880-\u248ff\u24900-\u2497f\u24980-\u249ff\u24a00-\u24a7f\u24a80-\u24aff\u24b00-\u24b7f\u24b80-\u24bff\u24c00-\u24c7f\u24c80-\u24cff\u24d00-\u24d7f\u24d80-\u24dff\u24e00-\u24e7f\u24e80-\u24eff\u24f00-\u24fff\u25000-\u2507f\u25080-\u250ff\u25100-\u2517f\u25180-\u251ff\u25200-\u2527f\u25280-\u252ff\u25300-\u2537f\u25380-\u253ff\u25400-\u2547`

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ListProvisioningArtifacts

Service: AWS Service Catalog

Lists all provisioning artifacts (also known as versions) for the specified product.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "ProductId": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 180)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### ProductId (p. 180)

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: Yes

### Response Syntax

```
{
  "NextPageToken": "string",
  "ProvisioningArtifactDetails": [
    {
      "Active": boolean,
      "CreatedTime": number,
      "Description": "string",
      "Guidance": "string",
      "Id": "string",
      "Name": "string",
      "Type": "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.

### **NextPageToken** (p. 180)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[\u0009\u000a\u000d\u0020-\u007f\u00e0-\u00ff]*`

### **ProvisioningArtifactDetails** (p. 180)

Information about the provisioning artifacts.

Type: Array of [ProvisioningArtifactDetail](#) (p. 354) objects

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)



## ListProvisioningArtifactsForServiceAction

Service: AWS Service Catalog

Lists all provisioning artifacts (also known as versions) for the specified self-service action.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "PageSize": number,  
  "PageToken": "string",  
  "ServiceActionId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 182)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### PageSize (p. 182)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 182)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[ \u0009\u000a\u000d\u0020-\u007f\u0080-\u00ff\u0100-\u017f\u0180-\u01ff\u0200-\u02ff\u0300-\u036f\u0370-\u03ff\u0400-\u04ff\u0500-\u05ff\u0600-\u06ff\u0700-\u07ff\u0800-\u08ff\u0900-\u09ff\u0a00-\u0a7f\u0a80-\u0aff\u0b00-\u0b7f\u0b80-\u0bff\u0c00-\u0c7f\u0c80-\u0cff\u0d00-\u0d7f\u0d80-\u0def\u0e00-\u0e7f\u0e80-\u0eff\u0f00-\u0fff\u1000-\u10ff\u1100-\u117f\u1180-\u11ff\u1200-\u127f\u1280-\u12ff\u1300-\u137f\u1380-\u13ff\u1400-\u147f\u1480-\u14ff\u1500-\u157f\u1580-\u15ff\u1600-\u167f\u1680-\u16ff\u1700-\u177f\u1780-\u17ff\u1800-\u187f\u1880-\u18ff\u1900-\u197f\u1980-\u19ff\u1a00-\u1a7f\u1a80-\u1aff\u1b00-\u1b7f\u1b80-\u1bff\u1c00-\u1c7f\u1c80-\u1cff\u1d00-\u1d7f\u1d80-\u1def\u1e00-\u1eff\u1f00-\u1fff\u2000-\u206f\u2070-\u209f\u20a0-\u20ff\u2100-\u218f\u2190-\u21ff\u2200-\u223f\u2240-\u22ff\u2300-\u23ff\u2400-\u243f\u2440-\u24ff\u2500-\u254f\u2550-\u25ff\u2600-\u2642\u2643-\u26ff\u2700-\u2732\u2733-\u274f\u2750-\u27ff\u2800-\u28ff\u2900-\u293f\u2940-\u29ff\u2a00-\u2a3f\u2a40-\u2aff\u2b00-\u2b3f\u2b40-\u2bff\u2c00-\u2c3f\u2c40-\u2c7f\u2c80-\u2c9f\u2ca0-\u2cbf\u2cc0-\u2ccf\u2cd0-\u2cdf\u2ce0-\u2cef\u2cf0-\u2cff\u2d00-\u2d2f\u2d30-\u2d7f\u2d80-\u2de3\u2de4-\u2deff\u2df0-\u2dff\u2e00-\u2e3f\u2e40-\u2e7f\u2e80-\u2e9f\u2ea0-\u2ebf\u2ec0-\u2ecf\u2ed0-\u2edf\u2ee0-\u2ee3\u2ee4-\u2eeff\u2ef0-\u2eff\u2f00-\u2fff\u3000-\u303f\u3040-\u309f\u30a0-\u30ff\u3100-\u312f\u3130-\u318f\u3190-\u31ff\u3200-\u323f\u3240-\u327f\u3280-\u329f\u32a0-\u32bf\u32c0-\u32cf\u32d0-\u32df\u32e0-\u32ff\u3300-\u333f\u3340-\u337f\u3380-\u339f\u33a0-\u33bf\u33c0-\u33cf\u33d0-\u33df\u33e0-\u33ff\u3400-\u343f\u3440-\u347f\u3480-\u349f\u34a0-\u34bf\u34c0-\u34cf\u34d0-\u34df\u34e0-\u34ff\u3500-\u353f\u3540-\u357f\u3580-\u359f\u35a0-\u35bf\u35c0-\u35cf\u35d0-\u35df\u35e0-\u35ff\u3600-\u363f\u3640-\u367f\u3680-\u369f\u36a0-\u36bf\u36c0-\u36cf\u36d0-\u36df\u36e0-\u36ff\u3700-\u373f\u3740-\u377f\u3780-\u379f\u37a0-\u37bf\u37c0-\u37cf\u37d0-\u37df\u37e0-\u37ff\u3800-\u383f\u3840-\u387f\u3880-\u389f\u38a0-\u38bf\u38c0-\u38cf\u38d0-\u38df\u38e0-\u38ff\u3900-\u393f\u3940-\u397f\u3980-\u399f\u39a0-\u39bf\u39c0-\u39cf\u39d0-\u39df\u39e0-\u39ff\u3a00-\u3a3f\u3a40-\u3a7f\u3a80-\u3a9f\u3aa0-\u3abf\u3ac0-\u3acf\u3ad0-\u3adf\u3ae0-\u3aef\u3af0-\u3aff\u3b00-\u3b3f\u3b40-\u3b7f\u3b80-\u3b9f\u3ba0-\u3bbf\u3bc0-\u3bcf\u3bd0-\u3bdf\u3be0-\u3bff\u3c00-\u3c3f\u3c40-\u3c7f\u3c80-\u3c9f\u3ca0-\u3cbf\u3cc0-\u3ccf\u3cd0-\u3cdf\u3ce0-\u3cef\u3cf0-\u3cff\u3d00-\u3d3f\u3d40-\u3d7f\u3d80-\u3d9f\u3da0-\u3dbf\u3dc0-\u3dcf\u3dd0-\u3ddf\u3de0-\u3def\u3df0-\u3dff\u3e00-\u3e3f\u3e40-\u3e7f\u3e80-\u3e9f\u3ea0-\u3ebf\u3ec0-\u3ecf\u3ed0-\u3edf\u3ee0-\u3eff\u3f00-\u3fff\u4000-\u403f\u4040-\u407f\u4080-\u409f\u40a0-\u40bf\u40c0-\u40cf\u40d0-\u40df\u40e0-\u40ff\u4100-\u413f\u4140-\u417f\u4180-\u419f\u41a0-\u41bf\u41c0-\u41cf\u41d0-\u41df\u41e0-\u41ff\u4200-\u423f\u4240-\u427f\u4280-\u429f\u42a0-\u42bf\u42c0-\u42cf\u42d0-\u42df\u42e0-\u42ff\u4300-\u433f\u4340-\u437f\u4380-\u439f\u43a0-\u43bf\u43c0-\u43cf\u43d0-\u43df\u43e0-\u43ff\u4400-\u443f\u4440-\u447f\u4480-\u449f\u44a0-\u44bf\u44c0-\u44cf\u44d0-\u44df\u44e0-\u44ff\u4500-\u453f\u4540-\u457f\u4580-\u459f\u45a0-\u45bf\u45c0-\u45cf\u45d0-\u45df\u45e0-\u45ff\u4600-\u463f\u4640-\u467f\u4680-\u469f\u46a0-\u46bf\u46c0-\u46cf\u46d0-\u46df\u46e0-\u46ff\u4700-\u473f\u4740-\u477f\u4780-\u479f\u47a0-\u47bf\u47c0-\u47cf\u47d0-\u47df\u47e0-\u47ff\u4800-\u483f\u4840-\u487f\u4880-\u489f\u48a0-\u48bf\u48c0-\u48cf\u48d0-\u48df\u48e0-\u48ff\u4900-\u493f\u4940-\u497f\u4980-\u499f\u49a0-\u49bf\u49c0-\u49cf\u49d0-\u49df\u49e0-\u49ff\u4a00-\u4a3f\u4a40-\u4a7f\u4a80-\u4a9f\u4aa0-\u4abf\u4ac0-\u4acf\u4ad0-\u4adf\u4ae0-\u4aef\u4af0-\u4aff\u4b00-\u4b3f\u4b40-\u4b7f\u4b80-\u4b9f\u4ba0-\u4bbf\u4bc0-\u4bcf\u4bd0-\u4bdf\u4be0-\u4bff\u4c00-\u4c3f\u4c40-\u4c7f\u4c80-\u4c9f\u4ca0-\u4cbf\u4cc0-\u4ccf\u4cd0-\u4cdf\u4ce0-\u4cef\u4cf0-\u4cff\u4d00-\u4d3f\u4d40-\u4d7f\u4d80-\u4d9f\u4da0-\u4dbf\u4dc0-\u4dcf\u4dd0-\u4ddf\u4de0-\u4def\u4df0-\u4dff\u4e00-\u4e3f\u4e40-\u4e7f\u4e80-\u4e9f\u4ea0-\u4ebf\u4ec0-\u4ecf\u4ed0-\u4edf\u4ee0-\u4eff\u4f00-\u4fff\u5000-\u503f\u5040-\u507f\u5080-\u509f\u50a0-\u50bf\u50c0-\u50cf\u50d0-\u50df\u50e0-\u50ff\u5100-\u513f\u5140-\u517f\u5180-\u519f\u51a0-\u51bf\u51c0-\u51cf\u51d0-\u51df\u51e0-\u51ff\u5200-\u523f\u5240-\u527f\u5280-\u529f\u52a0-\u52bf\u52c0-\u52cf\u52d0-\u52df\u52e0-\u52ff\u5300-\u533f\u5340-\u537f\u5380-\u539f\u53a0-\u53bf\u53c0-\u53cf\u53d0-\u53df\u53e0-\u53ff\u5400-\u543f\u5440-\u547f\u5480-\u549f\u54a0-\u54bf\u54c0-\u54cf\u54d0-\u54df\u54e0-\u54ff\u5500-\u553f\u5540-\u557f\u5580-\u559f\u55a0-\u55bf\u55c0-\u55cf\u55d0-\u55df\u55e0-\u55ff\u5600-\u563f\u5640-\u567f\u5680-\u569f\u56a0-\u56bf\u56c0-\u56cf\u56d0-\u56df\u56e0-\u56ff\u5700-\u573f\u5740-\u577f\u5780-\u579f\u57a0-\u57bf\u57c0-\u57cf\u57d0-\u57df\u57e0-\u57ff\u5800-\u583f\u5840-\u587f\u5880-\u589f\u58a0-\u58bf\u58c0-\u58cf\u58d0-\u58df\u58e0-\u58ff\u5900-\u593f\u5940-\u597f\u5980-\u599f\u59a0-\u59bf\u59c0-\u59cf\u59d0-\u59df\u59e0-\u59ff\u5a00-\u5a3f\u5a40-\u5a7f\u5a80-\u5a9f\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933f\u9340-\u937f\u9380-\u939f\u93a0-\u93bf\u93c0-\u93cf\u93d0-\u93df\u93e0-\u93ff\u9400-\u943f\u9440-\u947f\u9480-\u949f\u94a0-\u94bf\u94c0-\u94cf\u94d0-\u94df\u94e0-\u94ff\u9500-\u953f\u9540-\u957f\u9580-\u959f\u95a0-\u95bf\u95c0-\u95cf\u95d0-\u95df\u95e0-\u95ff\u9600-\u963f\u9640-\u967f\u9680-\u969f\u96a0-\u96bf\u96c0-\u96cf\u96d0-\u96df\u96e0-\u96ff\u9700-\u973f\u9740-\u977f\u9780-\u979f\u97a0-\u97bf\u97c0-\u97cf\u97d0-\u97df\u97e0-\u97ff\u9800-\u983f\u9840-\u987f\u9880-\u989f\u98a0-\u98bf\u98c0-\u98cf\u98d0-\u98df\u98e0-\u98ff\u9900-\u993f\u9940-\u997f\u9980-\u999f\u99a0-\u99bf\u99c0-\u99cf\u99d0-\u99df\u99e0-\u99ff\u9a00-\u9a3f\u9a40-\u9a7f\u9a80-\u9a9f\u9aa0-\u9abf\u9ac0-\u9acf\u9ad0-\u9adf\u9ae0-\u9aef\u9af0-\u9aff\u9b00-\u9b3f\u9b40-\u9b7f\u9b80-\u9b9f\u9ba0-\u9bbf\u9bc0-\u9bcf\u9bd0-\u9bdf\u9be0-\u9bff\u9c00-\u9c3f\u9c40-\u9c7f\u9c80-\u9c9f\u9ca0-\u9cbf\u9cc0-\u9ccf\u9cd0-\u9cdf\u9ce0-\u9cef\u9cf0-\u9cff\u9d00-\u9d3f\u9d40-\u9d7f\u9d80-\u9d9f\u9da0-\u9dbf\u9dc0-\u9dcf\u9dd0-\u9ddf\u9de0-\u9def\u9df0-\u9dff\u9e00-\u9e3f\u9e40-\u9e7f\u9e80-\u9e9f\u9ea0-\u9ebf\u9ec0-\u9ecf\u9ed0-\u9edf\u9ee0-\u9eff\u9f00-\u9fff\ua000-\ua03f\ua040-\ua07f\ua080-\ua09f\ua0a0-\ua0bf\ua0c0-\ua0cf\ua0d0-\ua0df\ua0e0-\ua0ff\ua100-\ua13f\ua140-\ua17f\ua180-\ua19f\ua1a0-\ua1bf\ua1c0-\ua1cf\ua1d0-\ua1df\ua1e0-\ua1ff\ua200-\ua23f\ua240-\ua27f\ua280-\ua29f\ua2a0-\ua2bf\ua2c0-\ua2cf\ua2d0-\ua2df\ua2e0-\ua2ff\ua300-\ua33f\ua340-\ua37f\ua380-\ua39f\ua3a0-\ua3bf\ua3c0-\ua3cf\ua3d0-\ua3df\ua3e0-\ua3ff\ua400-\ua43f\ua440-\ua47f\ua480-\ua49f\ua4a0-\ua4bf\ua4c0-\ua4cf\ua4d0-\ua4df\ua4e0-\ua4ff\ua500-\ua53f\ua540-\ua57f\ua580-\ua59f\ua5a0-\ua5bf\ua5c0-\ua5cf\ua5d0-\ua5df\ua5e0-\ua5ff\ua600-\ua63f\ua640-\ua67f\ua680-\ua69f\ua6a0-\ua6bf\ua6c0-\ua6cf\ua6d0-\ua6df\ua6e0-\ua6ff\ua700-\ua73f\ua740-\ua77f\ua780-\ua79f\ua7a0-\ua7bf\ua7c0-\ua7cf\ua7d0-\ua7df\ua7e0-\ua7ff\ua800-\ua83f\ua840-\ua87f\ua880-\ua89f\ua8a0-\ua8bf\ua8c0-\ua8cf\ua8d0-\ua8df\ua8e0-\ua8ff\ua900-\ua93f\ua940-\ua97f\ua980-\ua99f\ua9a0-\ua9bf\ua9c0-\ua9cf\ua9d0-\ua9df\ua9e0-\ua9ff\uaa00-\uaa3f\uaa40-\uaa7f\uaa80-\uaa9f\uaaa0-\uaabf\uaac0-\uaacf\uaad0-\uaadf\uaae0-\uaaef\uaaf0-\uaaff\uab00-\uab3f\uab40-\uab7f\uab80-\uab9f\uaba0-\uabbf\uabc0-\uabcf\uabd0-\uabdf\uabe0-\uabff\uac00-\uac3f\uac40-\uac7f\uac80-\uac9f\uaca0-\uacbf\uacc0-\uaccf\uacd0-\uacdf\uace0-\uacef\uacf0-\uacff\uad00-\uad3f\uad40-\uad7f\uad80-\uad9f\uada0-\uadbff\uadc0-\uadcff\uadd0-\uaddf\uade0-\uadef\uadf0-\uadfff\uae00-\uae3f\uae40-\uae7f\uae80-\uae9f\uaea0-\uaebf\uaec0-\uaecff\uaed0-\uaedff\uaee0-\uaefff\uaf00-\uaf3f\uaf40-\uaf7f\uaf80-\uaf9f\uafa0-\uafbf\uafc0-\uafcff\uafd0-\uafdf\uafe0-\uafeff\uaff0-\uaffff\u0000-\u003f\u0040-\u007f\u0080-\u009f\u00a0-\u00bf\u00c0-\u00cf\u00d0-\u00df\u00e0-\u00ff\u0100-\u013f\u0140-\u017f\u0180-\u019f\u01a0-\u01bf\u01c0-\u01cf\u01d0-\u01df\u01e0-\u01ff\u0200-\u023f\u0240-\u027f\u0280-\u029f\u02a0-\u02bf\u02c0-\u02cf\u02d0-\u02df\u02e0-\u02ff\u0300-\u033f\u0340-\u037f\u0380-\u039f\u03a0-\u03bf\u03c0-\u03cf\u03d0-\u03df\u03e0-\u03ff\u0400-\u043f\u0440-\u047f\u0480-\u049f\u04a0-\u04bf\u04c0-\u04cf\u04d0-\u04df\u04e0-\u04ff\u0500-\u053f\u0540-\u057f\u0580-\u059f\u05a0-\u05bf\u05c0-\u05cf\u05d0-\u05df\u05e0-\u05ff\u0600-\u063f\u0640-\u067f\u0680-\u069f\u06a0-\u06bf\u06c0-\u06cf\u06d0-\u06df\u06e0-\u06ff\u0700-\u073f\u0740-\u077f\u0780-\u079f\u07a0-\u07bf\u07c0-\u07cf\u07d0-\u07df\u07e0-\u07ff\u0800-\u083f\u0840-\u087f\u0880-\u089f\u08a0-\u08bf\u08c0-\u08cf\u08d0-\u08df\u08e0-\u08ff\u0900-\u093f\u0940-\u097f\u0980-\u099f\u09a0-\u09bf\u09c0-\u09cf\u09d0-\u09df\u09e0-\u09ff\u0a00-\u0a3f\u0a40-\u0a7f\u0a80-\u0a9f\u0aa0-\u0abf\u0ac0-\u0acf\u0ad0-\u0adf\u0ae0-\u0aef\u0af0-\u0aff\u0b00-\u0b3f\u0b40-\u0b7f\u0b80-\u0b9f\u0ba0-\u0bbf\u0bc0-\u0bcf\u0bd0-\u0bdf\u0be0-\u0bff\u0c00-\u0c3f\u0c40-\u0c7f\u0c80-\u0c9f\u0ca0-\u0cbf\u0cc0-\u0ccf\u0cd0-\u0cdf\u0ce0-\u0cef\u0cf0-\u0cff\u0d00-\u0d3f\u0d40-\u0d7f\u0d80-\u0d9f\u0da0-\u0dbf\u0dc0-\u0dcf\u0dd0-\u0ddf\u0de0-\u0def\u0df0-\u0dff\u0e00-\u0e3f\u0e40-\u0e7f\u0e80-\u0e9f\u0ea0-\u0ebf\u0ec0-\u0ecf\u0ed0-\u0edf\u0ee0-\u0eff\u0f00-\u0fff\u1000-\u103f\u1040-\u107f\u1080-\u109f\u10a0-\u10bf\u10c0-\u10cf\u10d0-\u10df\u10e0-\u10ff\u1100-\u113f\u1140-\u117f\u1180-\u119f\u11a0-\u11bf\u11c0-\u11cf\u11d0-\u11df\u11e0-\u11ff\u1200-\u123f\u1240-\u127f\u1280-\u129f\u12a0-\u12bf\u12c0-\u12cf\u12d0-\u12df\u12e0-\u12ff\u1300-\u133f\u1340-\u137f\u1380-\u139f\u13a0-\u13bf\u13c0-\u13cf\u13d0-\u13df\u13e0-\u13ff\u1400-\u143f\u1440-\u147f\u1480-\u149f\u14a0-\u14bf\u14c0-\u14cf\u14d0-\u14df\u14e0-\u14ff\u1500-\u153f\u1540-\u157f\u1580-\u159f\u15a0-\u15bf\u15c0-\u15cf\u15d0-\u15df\u15e0-\u15ff\u1600-\u163f\u1640-\u167f\u1680-\u169f\u16a0-\u16bf\u16c0-\u16cf\u16d0-\u16df\u16e0-\u16ff\u1700-\u173f\u1740-\u177f\u1780-\u179f\u17a0-\u17bf\u17c0-\u17cf\u17d0-\u17df\u17e0-\`

Required: Yes

## Response Syntax

```
{
  "NextPageToken": "string",
  "ProvisioningArtifactViews": [
    {
      "ProductViewSummary": {
        "Distributor": "string",
        "HasDefaultPath": boolean,
        "Id": "string",
        "Name": "string",
        "Owner": "string",
        "ProductId": "string",
        "ShortDescription": "string",
        "SupportDescription": "string",
        "SupportEmail": "string",
        "SupportUrl": "string",
        "Type": "string"
      },
      "ProvisioningArtifact": {
        "CreatedTime": number,
        "Description": "string",
        "Guidance": "string",
        "Id": "string",
        "Name": "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.

### NextPageToken (p. 183)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[\u0009\u000a\u000d\u0020-\u0D7FF\uE000-\uFFFD]*`

### ProvisioningArtifactViews (p. 183)

An array of objects with information about product views and provisioning artifacts.

Type: Array of [ProvisioningArtifactView \(p. 364\)](#) objects

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

**ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ListRecordHistory

Service: AWS Service Catalog

Lists the specified requests or all performed requests.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "AccessLevelFilter": {  
    "Key": "string",  
    "Value": "string"  
  },  
  "PageSize": number,  
  "PageToken": "string",  
  "SearchFilter": {  
    "Key": "string",  
    "Value": "string"  
  }  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 185)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### AccessLevelFilter (p. 185)

The access level to use to obtain results. The default is `User`.

Type: [AccessLevelFilter \(p. 313\)](#) object

Required: No

#### PageSize (p. 185)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 185)

The page token for the next set of results. To retrieve the first set of results, use `null`.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[\u0009\u000a\u000d\u0020-\u007f\u00e0-\ufffd]*`

Required: No

### SearchFilter (p. 185)

The search filter to scope the results.

Type: [ListRecordHistorySearchFilter](#) (p. 324) object

Required: No

## Response Syntax

```
{
  "NextPageToken": "string",
  "RecordDetails": [
    {
      "CreatedTime": number,
      "LaunchRoleArn": "string",
      "PathId": "string",
      "ProductId": "string",
      "ProvisionedProductId": "string",
      "ProvisionedProductName": "string",
      "ProvisionedProductType": "string",
      "ProvisioningArtifactId": "string",
      "RecordErrors": [
        {
          "Code": "string",
          "Description": "string"
        }
      ],
      "RecordId": "string",
      "RecordTags": [
        {
          "Key": "string",
          "Value": "string"
        }
      ],
      "RecordType": "string",
      "Status": "string",
      "UpdateTime": 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.

### NextPageToken (p. 186)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\uD7FF\uE000-\uFFFD]\*

#### **RecordDetails** (p. 186)

The records, in reverse chronological order.

Type: Array of [RecordDetail](#) (p. 369) objects

## **Errors**

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ListResourcesForTagOption

Service: AWS Service Catalog

Lists the resources associated with the specified TagOption.

### Request Syntax

```
{
  "PageSize": number,
  "PageToken": "string",
  "ResourceType": "string",
  "TagOptionId": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### PageSize (p. 188)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 188)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\u007f\u00e0-\u00ff]\*

Required: No

#### ResourceType (p. 188)

The resource type.

- Portfolio
- Product

Type: String

Required: No

#### TagOptionId (p. 188)

The TagOption identifier.

Type: String

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

Required: Yes

## Response Syntax

```
{
  "PageToken": "string",
  "ResourceDetails": [
    {
      "ARN": "string",
      "CreateTime": number,
      "Description": "string",
      "Id": "string",
      "Name": "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.

### PageToken (p. 189)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\u007f\u00e0-\ufffd ]\*

### ResourceDetails (p. 189)

Information about the resources.

Type: Array of [ResourceDetail \(p. 378\)](#) objects

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### ResourceNotFoundException

The specified resource was not found.

HTTP Status Code: 400

### TagOptionNotMigratedException

An operation requiring TagOptions failed because the TagOptions migration process has not been performed for this account. Use the AWS Management Console to perform the migration process before retrying the operation.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ListServiceActions

Service: AWS Service Catalog

Lists all self-service actions.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "PageSize": number,  
  "PageToken": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 191)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### PageSize (p. 191)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 191)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[\u0009\u000a\u000d\u0020-\u007f\u00e0-\ufffd]*`

Required: No

### Response Syntax

```
{  
  "NextPageToken": "string",  
  "ServiceActionSummaries": [  
    {  
      "DefinitionType": "string",
```

```
        "Description": "string",  
        "Id": "string",  
        "Name": "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.

### NextPageToken (p. 191)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[ \u0009\u000a\u000d\u0020-\u007f\u00e0-\ufffd]*`

### ServiceActionSummaries (p. 191)

An object containing information about the service actions associated with the provisioning artifact.

Type: Array of [ServiceActionSummary](#) (p. 382) objects

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ListServiceActionsForProvisioningArtifact

Service: AWS Service Catalog

Returns a paginated list of self-service actions associated with the specified Product ID and Provisioning Artifact ID.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "PageSize": number,  
  "PageToken": "string",  
  "ProductId": "string",  
  "ProvisioningArtifactId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 193)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### PageSize (p. 193)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 193)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [0009000a000d0020–d7FFE000–FFFFD]\*

Required: No

#### ProductId (p. 193)

The product identifier. For example, prod-abc<sub>dzk</sub>7xy33qa.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### **ProvisioningArtifactId** (p. 193)

The identifier of the provisioning artifact. For example, `pa-4abcdjnxjj6ne`.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

## Response Syntax

```
{
  "NextPageToken": "string",
  "ServiceActionSummaries": [
    {
      "DefinitionType": "string",
      "Description": "string",
      "Id": "string",
      "Name": "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.

#### **NextPageToken** (p. 194)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[\u0009\u000a\u000d\u0020-\u007f\u0080-\u00ff]*`

#### **ServiceActionSummaries** (p. 194)

An object containing information about the self-service actions associated with the provisioning artifact.

Type: Array of [ServiceActionSummary](#) (p. 382) objects

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

**ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ListStackInstancesForProvisionedProduct

Service: AWS Service Catalog

Returns summary information about stack instances that are associated with the specified CFN\_STACKSET type provisioned product. You can filter for stack instances that are associated with a specific AWS account name or Region.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "PageSize": number,  
  "PageToken": "string",  
  "ProvisionedProductId": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 196)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### PageSize (p. 196)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 196)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [0009000a000d0020–d7ffe000–ffffd]\*

Required: No

#### ProvisionedProductId (p. 196)

The identifier of the provisioned product.

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: Yes

## Response Syntax

```
{
  "NextPageToken": "string",
  "StackInstances": [
    {
      "Account": "string",
      "Region": "string",
      "StackInstanceStatus": "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.

### NextPageToken (p. 197)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[\u0009\u000a\u000d\u0020-\u007f\u0080-\ufffd]*`

### StackInstances (p. 197)

List of stack instances.

Type: Array of [StackInstance \(p. 385\)](#) objects

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ListTagOptions

Service: AWS Service Catalog

Lists the specified TagOptions or all TagOptions.

### Request Syntax

```
{
  "Filters": {
    "Active": boolean,
    "Key": "string",
    "Value": "string"
  },
  "PageSize": number,
  "PageToken": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### Filters (p. 199)

The search filters. If no search filters are specified, the output includes all TagOptions.

Type: [ListTagOptionsFilters](#) (p. 325) object

Required: No

#### PageSize (p. 199)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 199)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [0009\u000a\u000d\u0020-\u007f\u00e0-\ufffd]\*

Required: No

### Response Syntax

```
{
  "PageToken": "string",
  "TagOptionDetails": [
    {
      "Active": boolean,
      "Id": "string",
      "Key": "string",
      "Owner": "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.

### PageToken (p. 199)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\u007f\u00e0-\u00ff]\*

### TagOptionDetails (p. 199)

Information about the TagOptions.

Type: Array of [TagOptionDetail \(p. 387\)](#) objects

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### TagOptionNotMigratedException

An operation requiring TagOptions failed because the TagOptions migration process has not been performed for this account. Use the AWS Management Console to perform the migration process before retrying the operation.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ProvisionProduct

Service: AWS Service Catalog

Provisions the specified product.

A provisioned product is a resourced instance of a product. For example, provisioning a product based on a AWS CloudFormation template launches a AWS CloudFormation stack and its underlying resources. You can check the status of this request using [DescribeRecord](#) (p. 116).

If the request contains a tag key with an empty list of values, there is a tag conflict for that key. Do not include conflicted keys as tags, or this causes the error "Parameter validation failed: Missing required parameter in Tags[N]:Value".

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "NotificationArns": [ "string" ],
  "PathId": "string",
  "PathName": "string",
  "ProductId": "string",
  "ProductName": "string",
  "ProvisionedProductName": "string",
  "ProvisioningArtifactId": "string",
  "ProvisioningArtifactName": "string",
  "ProvisioningParameters": [
    {
      "Key": "string",
      "Value": "string"
    }
  ],
  "ProvisioningPreferences": {
    "StackSetAccounts": [ "string" ],
    "StackSetFailureToleranceCount": number,
    "StackSetFailureTolerancePercentage": number,
    "StackSetMaxConcurrencyCount": number,
    "StackSetMaxConcurrencyPercentage": number,
    "StackSetRegions": [ "string" ]
  },
  "ProvisionToken": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 201)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### **NotificationArns (p. 201)**

Passed to AWS CloudFormation. The SNS topic ARNs to which to publish stack-related events.

Type: Array of strings

Array Members: Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 1224.

Pattern: `arn:[a-z0-9-\.]{1,63}:[a-z0-9-\.]{0,63}:[a-z0-9-\.]{0,63}:[a-z0-9-\.]{0,63}:[^/]{0,1023}`

Required: No

#### **PathId (p. 201)**

The path identifier of the product. This value is optional if the product has a default path, and required if the product has more than one path. To list the paths for a product, use [ListLaunchPaths \(p. 160\)](#). You must provide the name or ID, but not both.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### **PathName (p. 201)**

The name of the path. You must provide the name or ID, but not both.

Type: String

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

Required: No

#### **ProductId (p. 201)**

The product identifier. You must provide the name or ID, but not both.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### **ProductName (p. 201)**

The name of the product. You must provide the name or ID, but not both.

Type: String

Length Constraints: Maximum length of 8191.

Required: No

### **ProvisionedProductName (p. 201)**

A user-friendly name for the provisioned product. This value must be unique for the AWS account and cannot be updated after the product is provisioned.

Type: String

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

Pattern: `[a-zA-Z0-9][a-zA-Z0-9._-]*`

Required: Yes

### **ProvisioningArtifactId (p. 201)**

The identifier of the provisioning artifact. You must provide the name or ID, but not both.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

### **ProvisioningArtifactName (p. 201)**

The name of the provisioning artifact. You must provide the name or ID, but not both.

Type: String

Length Constraints: Maximum length of 8192.

Required: No

### **ProvisioningParameters (p. 201)**

Parameters specified by the administrator that are required for provisioning the product.

Type: Array of [ProvisioningParameter \(p. 365\)](#) objects

Required: No

### **ProvisioningPreferences (p. 201)**

An object that contains information about the provisioning preferences for a stack set.

Type: [ProvisioningPreferences \(p. 366\)](#) object

Required: No

### **ProvisionToken (p. 201)**

An idempotency token that uniquely identifies the provisioning request.

Type: String

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

Pattern: `[a-zA-Z0-9][a-zA-Z0-9_-]*`

Required: Yes

### **Tags (p. 201)**

One or more tags.

Type: Array of [Tag \(p. 386\)](#) objects

Array Members: Maximum number of 50 items.

Required: No

## Response Syntax

```
{
  "RecordDetail": {
    "CreatedTime": number,
    "LaunchRoleArn": "string",
    "PathId": "string",
    "ProductId": "string",
    "ProvisionedProductId": "string",
    "ProvisionedProductName": "string",
    "ProvisionedProductType": "string",
    "ProvisioningArtifactId": "string",
    "RecordErrors": [
      {
        "Code": "string",
        "Description": "string"
      }
    ],
    "RecordId": "string",
    "RecordTags": [
      {
        "Key": "string",
        "Value": "string"
      }
    ],
    "RecordType": "string",
    "Status": "string",
    "UpdateTime": 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.

### RecordDetail (p. 204)

Information about the result of provisioning the product.

Type: [RecordDetail \(p. 369\)](#) object

## Errors

### DuplicateResourceException

The specified resource is a duplicate.

HTTP Status Code: 400

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

**ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)



## RejectPortfolioShare

Service: AWS Service Catalog

Rejects an offer to share the specified portfolio.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "PortfolioId": "string",  
  "PortfolioShareType": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 206)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### PortfolioId (p. 206)

The portfolio identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: Yes

#### PortfolioShareType (p. 206)

The type of shared portfolios to reject. The default is to reject imported portfolios.

- `AWS_ORGANIZATIONS` - Reject portfolios shared by the management account of your organization.
- `IMPORTED` - Reject imported portfolios.
- `AWS_SERVICECATALOG` - Not supported. (Throws `ResourceNotFoundException`.)

For example, `aws servicecatalog reject-portfolio-share --portfolio-id "port-2qwzkwxt3y5fk" --portfolio-share-type AWS_ORGANIZATIONS`

Type: String

Valid Values: `IMPORTED | AWS_SERVICECATALOG | AWS_ORGANIZATIONS`

Required: No

## Response Elements

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

## Errors

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ScanProvisionedProducts

Service: AWS Service Catalog

Lists the provisioned products that are available (not terminated).

To use additional filtering, see [SearchProvisionedProducts](#) (p. 220).

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "AccessLevelFilter": {
    "Key": "string",
    "Value": "string"
  },
  "PageSize": number,
  "PageToken": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 208)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### AccessLevelFilter (p. 208)

The access level to use to obtain results. The default is User.

Type: [AccessLevelFilter](#) (p. 313) object

Required: No

#### PageSize (p. 208)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 208)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\u007f\u00e0-\ufffd ]\*

Required: No

## Response Syntax

```
{
  "NextPageToken": "string",
  "ProvisionedProducts": [
    {
      "Arn": "string",
      "CreatedTime": number,
      "Id": "string",
      "IdempotencyToken": "string",
      "LastProvisioningRecordId": "string",
      "LastRecordId": "string",
      "LastSuccessfulProvisioningRecordId": "string",
      "LaunchRoleArn": "string",
      "Name": "string",
      "ProductId": "string",
      "ProvisioningArtifactId": "string",
      "Status": "string",
      "StatusMessage": "string",
      "Type": "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.

### NextPageToken (p. 209)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\u007f\u00e0-\ufffd]\*

### ProvisionedProducts (p. 209)

Information about the provisioned products.

Type: Array of [ProvisionedProductDetail \(p. 343\)](#) objects

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## SearchProducts

Service: AWS Service Catalog

Gets information about the products to which the caller has access.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "Filters": {
    "string" : [ "string" ]
  },
  "PageSize": number,
  "PageToken": "string",
  "SortBy": "string",
  "SortOrder": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 211)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### Filters (p. 211)

The search filters. If no search filters are specified, the output includes all products to which the caller has access.

Type: String to array of strings map

Valid Keys: FullTextSearch | Owner | ProductType | SourceProductId

Required: No

#### PageSize (p. 211)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 211)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [\u0009\u000a\u000d\u0020-\u007f\u00e0-\u00ff]\*

Required: No

#### SortBy (p. 211)

The sort field. If no value is specified, the results are not sorted.

Type: String

Valid Values: Title | VersionCount | CreationDate

Required: No

#### SortOrder (p. 211)

The sort order. If no value is specified, the results are not sorted.

Type: String

Valid Values: ASCENDING | DESCENDING

Required: No

## Response Syntax

```
{
  "NextPageToken": "string",
  "ProductViewAggregations": {
    "string" : [
      {
        "ApproximateCount": number,
        "Value": "string"
      }
    ]
  },
  "ProductViewSummaries": [
    {
      "Distributor": "string",
      "HasDefaultPath": boolean,
      "Id": "string",
      "Name": "string",
      "Owner": "string",
      "ProductId": "string",
      "ShortDescription": "string",
      "SupportDescription": "string",
      "SupportEmail": "string",
      "SupportUrl": "string",
      "Type": "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.

#### NextPageToken (p. 212)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [\\u0009\\u000a\\u000d\\u0020-\\uD7FF\\uE000-\\uFFFF]\*

### **ProductViewAggregations** (p. 212)

The product view aggregations.

Type: String to array of [ProductViewAggregationValue](#) (p. 334) objects map  
**ProductViewSummaries** (p. 212)

Information about the product views.

Type: Array of [ProductViewSummary](#) (p. 336) objects

## **Errors**

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

## **Examples**

### **Search for all available products**

The following JSON example retrieves all products available to the current user.

### **Sample Request**

```
POST
/
content-type:application/x-amz-json-1.1
host:servicecatalog.us-west-2.amazonaws.com
user-agent:aws-cli/1.10.19 Python/2.7.10 Darwin/15.5.0 botocore/1.4.10
x-amz-date:20160607T224008Z
x-amz-target:AWS242ServiceCatalogService.SearchProducts
```

### **Sample Response**

```
{
  "ProductViewAggregations":
  {
    "Owner":
    [
      {
        "ApproximateCount":4,
        "Value":"387896429941"
      }
    ],
    "ProductType":
    [
      {
        "ApproximateCount":4,
        "Value":"ServiceCatalog"
      }
    ]
  },
}
```



```

    "Vendor":
    [
      {
        "ApproximateCount":1,
        "Value":""
      },
      {
        "ApproximateCount":1,
        "Value":"me"
      }
    ]
  },
  "ProductViewSummaries":
  [
    {
      "HasDefaultPath":false,
      "Id":"prodview-w35uhtf6nrqy",
      "Name":"RDS template",
      "Owner":"AWS",
      "ProductId":"prod-3tser1lc2g7pw",
      "ShortDescription":"Test 2",
      "Type":"Base"
    },
    {
      "HasDefaultPath":false,
      "Id":"prodview-r2tzjgsao7mc4",
      "Name":"Devo enviro 2",
      "Owner":"asda",
      "ProductId":"prod-enx2jvf33gi52",
      "ShortDescription":"asd",
      "Type":"Base"
    },
    {
      "Distributor":"","",
      "HasDefaultPath":false,
      "Id":"prodview-e64tf73gp3gl4",
      "Name":"Devo environment",
      "Owner":"test",
      "ProductId":"prod-3p2k2ejvcsvi",
      "ShortDescription":"test",
      "Type":"Base"
    },
    {
      "Distributor":"Me",
      "HasDefaultPath":false,
      "Id":"prodview-3fmrw464floam",
      "Name":"Testtemplate",
      "Owner":"MSP XYZ",
      "ProductId":"prod-eqeqzgemstiea",
      "ShortDescription":"asdas",
      "Type":"Base"
    }
  ]
}

```

## See Also

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

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## SearchProductsAsAdmin

Service: AWS Service Catalog

Gets information about the products for the specified portfolio or all products.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "Filters": {
    "string" : [ "string" ]
  },
  "PageSize": number,
  "PageToken": "string",
  "PortfolioId": "string",
  "ProductSource": "string",
  "SortBy": "string",
  "SortOrder": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 216)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### Filters (p. 216)

The search filters. If no search filters are specified, the output includes all products to which the administrator has access.

Type: String to array of strings map

Valid Keys: FullTextSearch | Owner | ProductType | SourceProductId

Required: No

#### PageSize (p. 216)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 20.

Required: No

#### PageToken (p. 216)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\u007f\u00e0-\u00ff]\*

Required: No

#### **PortfolioId** (p. 216)

The portfolio identifier.

Type: String

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

Pattern: ^[a-zA-Z0-9\_-]\*

Required: No

#### **ProductSource** (p. 216)

Access level of the source of the product.

Type: String

Valid Values: ACCOUNT

Required: No

#### **SortBy** (p. 216)

The sort field. If no value is specified, the results are not sorted.

Type: String

Valid Values: Title | VersionCount | CreationDate

Required: No

#### **SortOrder** (p. 216)

The sort order. If no value is specified, the results are not sorted.

Type: String

Valid Values: ASCENDING | DESCENDING

Required: No

## **Response Syntax**

```
{
  "NextPageToken": "string",
  "ProductViewDetails": [
    {
      "CreatedTime": number,
      "ProductARN": "string",
      "ProductViewSummary": {
        "Distributor": "string",
        "HasDefaultPath": boolean,
        "Id": "string",
        "Name": "string",
        "Owner": "string",
```

```
        "ProductId": "string",
        "ShortDescription": "string",
        "SupportDescription": "string",
        "SupportEmail": "string",
        "SupportUrl": "string",
        "Type": "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.

### NextPageToken (p. 217)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: `[\u0009\u000a\u000d\u0020-\u007f\u00e0-\u00ff]*`

### ProductViewDetails (p. 217)

Information about the product views.

Type: Array of [ProductViewDetail \(p. 335\)](#) objects

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)

- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## SearchProvisionedProducts

Service: AWS Service Catalog

Gets information about the provisioned products that meet the specified criteria.

### Note

To ensure a complete list of provisioned products and remove duplicate products, use `sort-by` `createdTime`.

Here is a CLI example:

```
aws servicecatalog search-provisioned-products --sort-by createdTime
```

## Request Syntax

```
{
  "AcceptLanguage": "string",
  "AccessLevelFilter": {
    "Key": "string",
    "Value": "string"
  },
  "Filters": {
    "string" : [ "string" ]
  },
  "PageSize": number,
  "PageToken": "string",
  "SortBy": "string",
  "SortOrder": "string"
}
```

## Request Parameters

The request accepts the following data in JSON format.

### AcceptLanguage (p. 220)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

### AccessLevelFilter (p. 220)

The access level to use to obtain results. The default is User.

Type: [AccessLevelFilter](#) (p. 313) object

Required: No

### Filters (p. 220)

The search filters.

When the key is `SearchQuery`, the searchable fields are `arn`, `createdTime`, `id`, `lastRecordId`, `idempotencyToken`, `name`, `physicalId`, `productId`, `provisioningArtifact`, `type`, `status`, `tags`, `userArn`, `userArnSession`, `lastProvisioningRecordId`, `lastSuccessfulProvisioningRecordId`, `productName`, and `provisioningArtifactName`.

Example: "SearchQuery": [ "status:AVAILABLE" ]

Type: String to array of strings map

Valid Keys: SearchQuery

Required: No

#### PageSize (p. 220)

The maximum number of items to return with this call.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 100.

Required: No

#### PageToken (p. 220)

The page token for the next set of results. To retrieve the first set of results, use null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\u007f\u00e0-\ufffd ]\*

Required: No

#### SortBy (p. 220)

The sort field. If no value is specified, the results are not sorted. The valid values are arn, id, name, and lastRecordId.

Type: String

Required: No

#### SortOrder (p. 220)

The sort order. If no value is specified, the results are not sorted.

Type: String

Valid Values: ASCENDING | DESCENDING

Required: No

## Response Syntax

```
{
  "NextPageToken": "string",
  "ProvisionedProducts": [
    {
      "Arn": "string",
      "CreatedTime": number,
      "Id": "string",
      "IdempotencyToken": "string",
      "LastProvisioningRecordId": "string",
      "LastRecordId": "string",
      "LastSuccessfulProvisioningRecordId": "string",
      "Name": "string",
```



```
    "PhysicalId": "string",
    "ProductId": "string",
    "ProductName": "string",
    "ProvisioningArtifactId": "string",
    "ProvisioningArtifactName": "string",
    "Status": "string",
    "StatusMessage": "string",
    "Tags": [
      {
        "Key": "string",
        "Value": "string"
      }
    ],
    "Type": "string",
    "UserArn": "string",
    "UserArnSession": "string"
  }
],
"TotalResultsCount": 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.

### NextPageToken (p. 221)

The page token to use to retrieve the next set of results. If there are no additional results, this value is null.

Type: String

Length Constraints: Maximum length of 2024.

Pattern: [ \u0009\u000a\u000d\u0020-\u007f\u00e0-\ufffd]\*

### ProvisionedProducts (p. 221)

Information about the provisioned products.

Type: Array of [ProvisionedProductAttribute \(p. 339\)](#) objects

### TotalResultsCount (p. 221)

The number of provisioned products found.

Type: Integer

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## TerminateProvisionedProduct

Service: AWS Service Catalog

Terminates the specified provisioned product.

This operation does not delete any records associated with the provisioned product.

You can check the status of this request using [DescribeRecord](#) (p. 116).

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "IgnoreErrors": boolean,
  "ProvisionedProductId": "string",
  "ProvisionedProductName": "string",
  "RetainPhysicalResources": boolean,
  "TerminateToken": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 224)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### IgnoreErrors (p. 224)

If set to true, AWS Service Catalog stops managing the specified provisioned product even if it cannot delete the underlying resources.

Type: Boolean

Required: No

#### ProvisionedProductId (p. 224)

The identifier of the provisioned product. You cannot specify both `ProvisionedProductName` and `ProvisionedProductId`.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

### ProvisionedProductName (p. 224)

The name of the provisioned product. You cannot specify both `ProvisionedProductName` and `ProvisionedProductId`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1224.

Pattern: `[a-zA-Z0-9][a-zA-Z0-9._-]{0,127}|arn:[a-z0-9-\.]^{1,63}: [a-z0-9-\.]^{0,63}: [a-z0-9-\.]^{0,63}: [a-z0-9-\.]^{0,63}: [^\./].{0,1023}`

Required: No

### RetainPhysicalResources (p. 224)

When this boolean parameter is set to true, the `TerminateProvisionedProduct` API deletes the Service Catalog provisioned product. However, it does not remove the AWS CloudFormation stack, stack set, or the underlying resources of the deleted provisioned product. The default value is false.

Type: Boolean

Required: No

### TerminateToken (p. 224)

An idempotency token that uniquely identifies the termination request. This token is only valid during the termination process. After the provisioned product is terminated, subsequent requests to terminate the same provisioned product always return **ResourceNotFound**.

Type: String

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

Pattern: `[a-zA-Z0-9][a-zA-Z0-9_-]*`

Required: Yes

## Response Syntax

```
{
  "RecordDetail": {
    "CreatedTime": number,
    "LaunchRoleArn": string,
    "PathId": string,
    "ProductId": string,
    "ProvisionedProductId": string,
    "ProvisionedProductName": string,
    "ProvisionedProductType": string,
    "ProvisioningArtifactId": string,
    "RecordErrors": [
      {
        "Code": string,
        "Description": string
      }
    ],
    "RecordId": string,
    "RecordTags": [
      {
        "Key": string,
        "Value": string
      }
    ]
  },
}
```

```
    "RecordType": "string",  
    "Status": "string",  
    "UpdateTime": 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.

### RecordDetail (p. 225)

Information about the result of this request.

Type: [RecordDetail](#) (p. 369) object

## Errors

### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## UpdateConstraint

Service: AWS Service Catalog

Updates the specified constraint.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "Description": "string",  
  "Id": "string",  
  "Parameters": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 227)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### Description (p. 227)

The updated description of the constraint.

Type: String

Length Constraints: Maximum length of 2000.

Required: No

#### Id (p. 227)

The identifier of the constraint.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-\ ]*`

Required: Yes

#### Parameters (p. 227)

The constraint parameters, in JSON format. The syntax depends on the constraint type as follows:  
LAUNCH

You are required to specify either the `RoleArn` or the `LocalRoleName` but can't use both.

Specify the `RoleArn` property as follows:

```
{"RoleArn" : "arn:aws:iam::123456789012:role/LaunchRole"}
```

Specify the `LocalRoleName` property as follows:

```
{"LocalRoleName": "SCBasicLaunchRole"}
```

If you specify the `LocalRoleName` property, when an account uses the launch constraint, the IAM role with that name in the account will be used. This allows launch-role constraints to be account-agnostic so the administrator can create fewer resources per shared account.

**Note**

The given role name must exist in the account used to create the launch constraint and the account of the user who launches a product with this launch constraint.

You cannot have both a `LAUNCH` and a `STACKSET` constraint.

You also cannot have more than one `LAUNCH` constraint on a product and portfolio.

#### NOTIFICATION

Specify the `NotificationArns` property as follows:

```
{"NotificationArns" : ["arn:aws:sns:us-east-1:123456789012:Topic"]}
```

#### RESOURCE\_UPDATE

Specify the `TagUpdatesOnProvisionedProduct` property as follows:

```
{"Version": "2.0", "Properties":  
{"TagUpdateOnProvisionedProduct": "String"}}
```

The `TagUpdatesOnProvisionedProduct` property accepts a string value of `ALLOWED` or `NOT_ALLOWED`.

#### STACKSET

Specify the `Parameters` property as follows:

```
{"Version": "String", "Properties": {"AccountList": [ "String" ],  
"RegionList": [ "String" ], "AdminRole": "String", "ExecutionRole":  
"String"}}
```

You cannot have both a `LAUNCH` and a `STACKSET` constraint.

You also cannot have more than one `STACKSET` constraint on a product and portfolio.

Products with a `STACKSET` constraint will launch an AWS CloudFormation stack set.

#### TEMPLATE

Specify the `Rules` property. For more information, see [Template Constraint Rules](#).

Type: String

Required: No

## Response Syntax

```
{  
  "ConstraintDetail": {  
    "ConstraintId": "string",  
    "Description": "string",  
    "Owner": "string",
```

```
    "PortfolioId": "string",  
    "ProductId": "string",  
    "Type": "string"  
  },  
  "ConstraintParameters": "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.

### **ConstraintDetail** (p. 228)

Information about the constraint.

Type: [ConstraintDetail](#) (p. 316) object

### **ConstraintParameters** (p. 228)

The constraint parameters.

Type: String

### **Status** (p. 228)

The status of the current request.

Type: String

Valid Values: AVAILABLE | CREATING | FAILED

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)



- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## UpdatePortfolio

Service: AWS Service Catalog

Updates the specified portfolio.

You cannot update a product that was shared with you.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "AddTags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ],
  "Description": "string",
  "DisplayName": "string",
  "Id": "string",
  "ProviderName": "string",
  "RemoveTags": [ "string" ]
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 231)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### AddTags (p. 231)

The tags to add.

Type: Array of [Tag \(p. 386\)](#) objects

Array Members: Maximum number of 20 items.

Required: No

#### Description (p. 231)

The updated description of the portfolio.

Type: String

Length Constraints: Maximum length of 2000.

Required: No

### DisplayName (p. 231)

The name to use for display purposes.

Type: String

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

Required: No

### Id (p. 231)

The portfolio identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: Yes

### ProviderName (p. 231)

The updated name of the portfolio provider.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Required: No

### RemoveTags (p. 231)

The tags to remove.

Type: Array of strings

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

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

Required: No

## Response Syntax

```
{
  "PortfolioDetail": {
    "ARN": "string",
    "CreatedTime": number,
    "Description": "string",
    "DisplayName": "string",
    "Id": "string",
    "ProviderName": "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.

### **PortfolioDetail** (p. 232)

Information about the portfolio.

Type: [PortfolioDetail](#) (p. 329) object

### **Tags** (p. 232)

Information about the tags associated with the portfolio.

Type: Array of [Tag](#) (p. 386) objects

Array Members: Maximum number of 50 items.

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **LimitExceededException**

The current limits of the service would have been exceeded by this operation. Decrease your resource use or increase your service limits and retry the operation.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

HTTP Status Code: 400

### **TagOptionNotMigratedException**

An operation requiring TagOptions failed because the TagOptions migration process has not been performed for this account. Use the AWS Management Console to perform the migration process before retrying the operation.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## UpdatePortfolioShare

Service: AWS Service Catalog

Updates the specified portfolio share. You can use this API to enable or disable TagOptions sharing for an existing portfolio share.

The portfolio share cannot be updated if the `CreatePortfolioShare` operation is `IN_PROGRESS`, as the share is not available to recipient entities. In this case, you must wait for the portfolio share to be `COMPLETED`.

You must provide the `accountId` or `organizationNode` in the input, but not both.

If the portfolio is shared to both an external account and an organization node, and both shares need to be updated, you must invoke `UpdatePortfolioShare` separately for each share type.

This API cannot be used for removing the portfolio share. You must use `DeletePortfolioShare` API for that action.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "AccountId": "string",
  "OrganizationNode": {
    "Type": "string",
    "Value": "string"
  },
  "PortfolioId": "string",
  "ShareTagOptions": boolean
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 235)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### AccountId (p. 235)

The AWS account Id of the recipient account. This field is required when updating an external account to account type share.

Type: String

Pattern: `^[0-9]{12}$`

Required: No

### OrganizationNode (p. 235)

Information about the organization node.

Type: [OrganizationNode \(p. 326\)](#) object

Required: No

### PortfolioId (p. 235)

The unique identifier of the portfolio for which the share will be updated.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

### ShareTagOptions (p. 235)

A flag to enable or disable TagOptions sharing for the portfolio share. If this field is not provided, the current state of TagOptions sharing on the portfolio share will not be modified.

Type: Boolean

Required: No

## Response Syntax

```
{
  "PortfolioShareToken": "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.

### PortfolioShareToken (p. 236)

The token that tracks the status of the `UpdatePortfolioShare` operation for external account to account or organizational type sharing.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

### Status (p. 236)

The status of `UpdatePortfolioShare` operation. You can also obtain the operation status using `DescribePortfolioShareStatus` API.

Type: String

Valid Values: `NOT_STARTED` | `IN_PROGRESS` | `COMPLETED` | `COMPLETED_WITH_ERRORS` | `ERROR`

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **InvalidStateException**

An attempt was made to modify a resource that is in a state that is not valid. Check your resources to ensure that they are in valid states before retrying the operation.

HTTP Status Code: 400

### **OperationNotSupportedException**

The operation is not supported.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)



## UpdateProduct

Service: AWS Service Catalog

Updates the specified product.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "AddTags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ],
  "Description": "string",
  "Distributor": "string",
  "Id": "string",
  "Name": "string",
  "Owner": "string",
  "RemoveTags": [ "string" ],
  "SupportDescription": "string",
  "SupportEmail": "string",
  "SupportUrl": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 238)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### AddTags (p. 238)

The tags to add to the product.

Type: Array of [Tag \(p. 386\)](#) objects

Array Members: Maximum number of 20 items.

Required: No

#### Description (p. 238)

The updated description of the product.

Type: String

Length Constraints: Maximum length of 8191.

Required: No

**Distributor (p. 238)**

The updated distributor of the product.

Type: String

Length Constraints: Maximum length of 8191.

Required: No

**Id (p. 238)**

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

**Name (p. 238)**

The updated product name.

Type: String

Length Constraints: Maximum length of 8191.

Required: No

**Owner (p. 238)**

The updated owner of the product.

Type: String

Length Constraints: Maximum length of 8191.

Required: No

**RemoveTags (p. 238)**

The tags to remove from the product.

Type: Array of strings

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

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

Required: No

**SupportDescription (p. 238)**

The updated support description for the product.

Type: String

Length Constraints: Maximum length of 8191.

Required: No

**SupportEmail (p. 238)**

The updated support email for the product.

Type: String

Length Constraints: Maximum length of 254.

Required: No

#### **SupportUrl (p. 238)**

The updated support URL for the product.

Type: String

Length Constraints: Maximum length of 2083.

Required: No

## **Response Syntax**

```
{
  "ProductViewDetail": {
    "CreatedTime": number,
    "ProductARN": "string",
    "ProductViewSummary": {
      "Distributor": "string",
      "HasDefaultPath": boolean,
      "Id": "string",
      "Name": "string",
      "Owner": "string",
      "ProductId": "string",
      "ShortDescription": "string",
      "SupportDescription": "string",
      "SupportEmail": "string",
      "SupportUrl": "string",
      "Type": "string"
    },
    "Status": "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.

#### **ProductViewDetail (p. 240)**

Information about the product view.

Type: [ProductViewDetail \(p. 335\)](#) object

#### **Tags (p. 240)**

Information about the tags associated with the product.

Type: Array of [Tag \(p. 386\)](#) objects

Array Members: Maximum number of 50 items.

## Errors

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

HTTP Status Code: 400

### **TagOptionNotMigratedException**

An operation requiring TagOptions failed because the TagOptions migration process has not been performed for this account. Use the AWS Management Console to perform the migration process before retrying the operation.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## UpdateProvisionedProduct

Service: AWS Service Catalog

Requests updates to the configuration of the specified provisioned product.

If there are tags associated with the object, they cannot be updated or added. Depending on the specific updates requested, this operation can update with no interruption, with some interruption, or replace the provisioned product entirely.

You can check the status of this request using [DescribeRecord](#) (p. 116).

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "PathId": "string",
  "PathName": "string",
  "ProductId": "string",
  "ProductName": "string",
  "ProvisionedProductId": "string",
  "ProvisionedProductName": "string",
  "ProvisioningArtifactId": "string",
  "ProvisioningArtifactName": "string",
  "ProvisioningParameters": [
    {
      "Key": "string",
      "UsePreviousValue": boolean,
      "Value": "string"
    }
  ],
  "ProvisioningPreferences": {
    "StackSetAccounts": [ "string" ],
    "StackSetFailureToleranceCount": number,
    "StackSetFailureTolerancePercentage": number,
    "StackSetMaxConcurrencyCount": number,
    "StackSetMaxConcurrencyPercentage": number,
    "StackSetOperationType": "string",
    "StackSetRegions": [ "string" ]
  },
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ],
  "UpdateToken": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 242)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

**PathId (p. 242)**

The path identifier. This value is optional if the product has a default path, and required if the product has more than one path. You must provide the name or ID, but not both.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

**PathName (p. 242)**

The name of the path. You must provide the name or ID, but not both.

Type: String

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

Required: No

**ProductId (p. 242)**

The identifier of the product. You must provide the name or ID, but not both.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

**ProductName (p. 242)**

The name of the product. You must provide the name or ID, but not both.

Type: String

Length Constraints: Maximum length of 8191.

Required: No

**ProvisionedProductId (p. 242)**

The identifier of the provisioned product. You must provide the name or ID, but not both.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

**ProvisionedProductName (p. 242)**

The name of the provisioned product. You cannot specify both `ProvisionedProductName` and `ProvisionedProductId`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1224.

Pattern: `[a-zA-Z0-9][a-zA-Z0-9._-]{0,127}|arn:[a-z0-9-\.]{1,63}:[a-z0-9-\.]{0,63}:[a-z0-9-\.]{0,63}:[a-z0-9-\.]{0,63}:[^/]{0,1023}`

Required: No

#### **ProvisioningArtifactId** (p. 242)

The identifier of the provisioning artifact.

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: No

#### **ProvisioningArtifactName** (p. 242)

The name of the provisioning artifact. You must provide the name or ID, but not both.

Type: String

Length Constraints: Maximum length of 8192.

Required: No

#### **ProvisioningParameters** (p. 242)

The new parameters.

Type: Array of [UpdateProvisioningParameter](#) (p. 390) objects

Required: No

#### **ProvisioningPreferences** (p. 242)

An object that contains information about the provisioning preferences for a stack set.

Type: [UpdateProvisioningPreferences](#) (p. 391) object

Required: No

#### **Tags** (p. 242)

One or more tags. Requires the product to have `RESOURCE_UPDATE` constraint with `TagUpdatesOnProvisionedProduct` set to `ALLOWED` to allow tag updates.

Type: Array of [Tag](#) (p. 386) objects

Array Members: Maximum number of 50 items.

Required: No

#### **UpdateToken** (p. 242)

The idempotency token that uniquely identifies the provisioning update request.

Type: String

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

Pattern: `[a-zA-Z0-9][a-zA-Z0-9_-]*`

Required: Yes

## Response Syntax

```
{
  "RecordDetail": {
    "CreatedTime": number,
    "LaunchRoleArn": "string",
    "PathId": "string",
    "ProductId": "string",
    "ProvisionedProductId": "string",
    "ProvisionedProductName": "string",
    "ProvisionedProductType": "string",
    "ProvisioningArtifactId": "string",
    "RecordErrors": [
      {
        "Code": "string",
        "Description": "string"
      }
    ],
    "RecordId": "string",
    "RecordTags": [
      {
        "Key": "string",
        "Value": "string"
      }
    ],
    "RecordType": "string",
    "Status": "string",
    "UpdateTime": 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.

### RecordDetail (p. 245)

Information about the result of the request.

Type: [RecordDetail](#) (p. 369) object

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## UpdateProvisionedProductProperties

Service: AWS Service Catalog

Requests updates to the properties of the specified provisioned product.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "IdempotencyToken": "string",
  "ProvisionedProductId": "string",
  "ProvisionedProductProperties": {
    "string" : "string"
  }
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 247)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### IdempotencyToken (p. 247)

The idempotency token that uniquely identifies the provisioning product update request.

Type: String

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

Pattern: [a-zA-Z0-9][a-zA-Z0-9\_-]\*

Required: Yes

#### ProvisionedProductId (p. 247)

The identifier of the provisioned product.

Type: String

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

Pattern: ^[a-zA-Z0-9\_\-]\*

Required: Yes

#### ProvisionedProductProperties (p. 247)

A map that contains the provisioned product properties to be updated.

The `LAUNCH_ROLE` key accepts role ARNs. This key allows an administrator to call `UpdateProvisionedProductProperties` to update the launch role that is associated with a provisioned product. This role is used when an end user calls a provisioning operation such as `UpdateProvisionedProduct`, `TerminateProvisionedProduct`, or `ExecuteProvisionedProductServiceAction`. Only a role ARN is valid. A user ARN is invalid.

The `OWNER` key accepts user ARNs and role ARNs. The owner is the user that has permission to see, update, terminate, and execute service actions in the provisioned product.

The administrator can change the owner of a provisioned product to another IAM user within the same account. Both end user owners and administrators can see ownership history of the provisioned product using the `ListRecordHistory` API. The new owner can describe all past records for the provisioned product using the `DescribeRecord` API. The previous owner can no longer use `DescribeRecord`, but can still see the product's history from when he was an owner using `ListRecordHistory`.

If a provisioned product ownership is assigned to an end user, they can see and perform any action through the API or AWS Service Catalog console such as update, terminate, and execute service actions. If an end user provisions a product and the owner is updated to someone else, they will no longer be able to see or perform any actions through API or the Service Catalog console on that provisioned product.

Type: String to string map

Map Entries: Maximum number of 100 items.

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

Valid Keys: `OWNER` | `LAUNCH_ROLE`

Value Length Constraints: Minimum length of 0. Maximum length of 1024.

Required: Yes

## Response Syntax

```
{
  "ProvisionedProductId": "string",
  "ProvisionedProductProperties": {
    "string": "string"
  },
  "RecordId": "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.

### **ProvisionedProductId** (p. 248)

The provisioned product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

### **ProvisionedProductProperties (p. 248)**

A map that contains the properties updated.

Type: String to string map

Map Entries: Maximum number of 100 items.

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

Valid Keys: OWNER | LAUNCH\_ROLE

Value Length Constraints: Minimum length of 0. Maximum length of 1024.

### **RecordId (p. 248)**

The identifier of the record.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

### **Status (p. 248)**

The status of the request.

Type: String

Valid Values: CREATED | IN\_PROGRESS | IN\_PROGRESS\_IN\_ERROR | SUCCEEDED | FAILED

## **Errors**

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **InvalidStateException**

An attempt was made to modify a resource that is in a state that is not valid. Check your resources to ensure that they are in valid states before retrying the operation.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## UpdateProvisioningArtifact

Service: AWS Service Catalog

Updates the specified provisioning artifact (also known as a version) for the specified product.

You cannot update a provisioning artifact for a product that was shared with you.

### Request Syntax

```
{
  "AcceptLanguage": "string",
  "Active": boolean,
  "Description": "string",
  "Guidance": "string",
  "Name": "string",
  "ProductId": "string",
  "ProvisioningArtifactId": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 251)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### Active (p. 251)

Indicates whether the product version is active.

Inactive provisioning artifacts are invisible to end users. End users cannot launch or update a provisioned product from an inactive provisioning artifact.

Type: Boolean

Required: No

#### Description (p. 251)

The updated description of the provisioning artifact.

Type: String

Length Constraints: Maximum length of 8192.

Required: No

#### Guidance (p. 251)

Information set by the administrator to provide guidance to end users about which provisioning artifacts to use.

The `DEFAULT` value indicates that the product version is active.

The administrator can set the guidance to `DEPRECATED` to inform users that the product version is deprecated. Users are able to make updates to a provisioned product of a deprecated version but cannot launch new provisioned products using a deprecated version.

Type: String

Valid Values: `DEFAULT` | `DEPRECATED`

Required: No

#### **Name (p. 251)**

The updated name of the provisioning artifact.

Type: String

Length Constraints: Maximum length of 8192.

Required: No

#### **ProductId (p. 251)**

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### **ProvisioningArtifactId (p. 251)**

The identifier of the provisioning artifact.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

## **Response Syntax**

```
{
  "Info": {
    "string" : "string"
  },
  "ProvisioningArtifactDetail": {
    "Active": boolean,
    "CreatedTime": number,
    "Description": "string",
    "Guidance": "string",
    "Id": "string",
    "Name": "string",
    "Type": "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.

### Info (p. 252)

The URL of the AWS CloudFormation template in Amazon S3, AWS CodeCommit, or GitHub in JSON format.

Type: String to string map

Map Entries: Maximum number of 100 items.

### ProvisioningArtifactDetail (p. 252)

Information about the provisioning artifact.

Type: [ProvisioningArtifactDetail](#) (p. 354) object

### Status (p. 252)

The status of the current request.

Type: String

Valid Values: AVAILABLE | CREATING | FAILED

## Errors

### InvalidParametersException

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### ResourceNotFoundException

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)



## UpdateServiceAction

Service: AWS Service Catalog

Updates a self-service action.

### Request Syntax

```
{  
  "AcceptLanguage": "string",  
  "Definition": {  
    "string" : "string"  
  },  
  "Description": "string",  
  "Id": "string",  
  "Name": "string"  
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### AcceptLanguage (p. 254)

The language code.

- en - English (default)
- jp - Japanese
- zh - Chinese

Type: String

Length Constraints: Maximum length of 100.

Required: No

#### Definition (p. 254)

A map that defines the self-service action.

Type: String to string map

Map Entries: Maximum number of 100 items.

Valid Keys: Name | Version | AssumeRole | Parameters

Value Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

#### Description (p. 254)

The self-service action description.

Type: String

Length Constraints: Maximum length of 1024.

Required: No

#### Id (p. 254)

The self-service action identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### **Name** (p. 254)

The self-service action name.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `^[a-zA-Z0-9_\-\.]*`

Required: No

### Response Syntax

```
{
  "ServiceActionDetail": {
    "Definition": {
      "string" : "string"
    },
    "ServiceActionSummary": {
      "DefinitionType": "string",
      "Description": "string",
      "Id": "string",
      "Name": "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.

#### **ServiceActionDetail** (p. 255)

Detailed information about the self-service action.

Type: [ServiceActionDetail](#) (p. 381) object

### Errors

#### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

#### **ResourceNotFoundException**

The specified resource was not found.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## UpdateTagOption

Service: AWS Service Catalog

Updates the specified TagOption.

### Request Syntax

```
{
  "Active": boolean,
  "Id": "string",
  "Value": "string"
}
```

### Request Parameters

The request accepts the following data in JSON format.

#### Active (p. 257)

The updated active state.

Type: Boolean

Required: No

#### Id (p. 257)

The TagOption identifier.

Type: String

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

Required: Yes

#### Value (p. 257)

The updated value.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

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

Required: No

### Response Syntax

```
{
  "TagOptionDetail": {
    "Active": boolean,
    "Id": "string",
    "Key": "string",
    "Owner": "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.

### **TagOptionDetail** (p. 257)

Information about the TagOption.

Type: [TagOptionDetail](#) (p. 387) object

## Errors

### **DuplicateResourceException**

The specified resource is a duplicate.

HTTP Status Code: 400

### **InvalidParametersException**

One or more parameters provided to the operation are not valid.

HTTP Status Code: 400

### **ResourceNotFoundException**

The specified resource was not found.

HTTP Status Code: 400

### **TagOptionNotMigratedException**

An operation requiring TagOptions failed because the TagOptions migration process has not been performed for this account. Use the AWS Management Console to perform the migration process before retrying the operation.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## AWS Service Catalog App Registry

The following actions are supported by AWS Service Catalog App Registry:

- [AssociateAttributeGroup](#) (p. 260)
- [AssociateResource](#) (p. 262)
- [CreateApplication](#) (p. 265)
- [CreateAttributeGroup](#) (p. 268)
- [DeleteApplication](#) (p. 271)
- [DeleteAttributeGroup](#) (p. 273)
- [DisassociateAttributeGroup](#) (p. 275)
- [DisassociateResource](#) (p. 277)
- [GetApplication](#) (p. 279)
- [GetAssociatedResource](#) (p. 282)
- [GetAttributeGroup](#) (p. 284)
- [ListApplications](#) (p. 287)
- [ListAssociatedAttributeGroups](#) (p. 289)
- [ListAssociatedResources](#) (p. 291)
- [ListAttributeGroups](#) (p. 293)
- [ListTagsForResource](#) (p. 295)
- [SyncResource](#) (p. 297)
- [TagResource](#) (p. 300)
- [UntagResource](#) (p. 302)
- [UpdateApplication](#) (p. 304)
- [UpdateAttributeGroup](#) (p. 307)

## AssociateAttributeGroup

Service: AWS Service Catalog App Registry

Associates an attribute group with an application to augment the application's metadata with the group's attributes. This feature enables applications to be described with user-defined details that are machine-readable, such as third-party integrations.

### Request Syntax

```
PUT /applications/application/attribute-groups/attributeGroup HTTP/1.1
```

### URI Request Parameters

The request uses the following URI parameters.

#### **application** (p. 260)

The name or ID of the application.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[ - . \w ] +`

Required: Yes

#### **attributeGroup** (p. 260)

The name or ID of the attribute group that holds the attributes to describe the application.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[ - . \w ] +`

Required: Yes

### Request Body

The request does not have a request body.

### Response Syntax

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

{
  "applicationArn": "string",
  "attributeGroupArn": "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.

#### **applicationArn** (p. 260)

The Amazon resource name (ARN) of the application that was augmented with attributes.

Type: String

Pattern: `arn:aws[-a-z]*:servicecatalog:[a-z]{2}(-gov)?-[-a-z]+-\d:\d{12}:/applications/[a-z0-9]+`

**[attributeGroupArn](#) (p. 260)**

The Amazon resource name (ARN) of the attribute group that contains the application's new attributes.

Type: String

Pattern: `arn:aws[-a-z]*:servicecatalog:[a-z]{2}(-gov)?-[-a-z]+-\d:\d{12}:/attribute-groups/[a-z0-9]+`

## Errors

### **InternalServerErrorException**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ResourceNotFoundException**

The specified resource does not exist.

HTTP Status Code: 404

### **ServiceQuotaExceededException**

The maximum number of resources per account has been reached.

HTTP Status Code: 402

### **ValidationException**

The request has invalid or missing parameters.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)



## AssociateResource

Service: AWS Service Catalog App Registry

Associates a resource with an application. Both the resource and the application can be specified either by ID or name.

### Request Syntax

```
PUT /applications/application/resources/resourceType/resource HTTP/1.1
```

### URI Request Parameters

The request uses the following URI parameters.

#### **application** (p. 262)

The name or ID of the application.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [ - . \w ] +

Required: Yes

#### **resource** (p. 262)

The name or ID of the resource of which the application will be associated.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: \S +

Required: Yes

#### **resourceType** (p. 262)

The type of resource of which the application will be associated.

Valid Values: CFN\_STACK

Required: Yes

### Request Body

The request does not have a request body.

### Response Syntax

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

{
  "applicationArn": "string",
  "resourceArn": "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.

#### **applicationArn** (p. 262)

The Amazon resource name (ARN) of the application that was augmented with attributes.

Type: String

Pattern: `arn:aws[-a-z]*:servicecatalog:[a-z]{2}(-gov)?-[-a-z]+-\d:\d{12}:/applications/[a-z0-9]+`

#### **resourceArn** (p. 262)

The Amazon resource name (ARN) that specifies the resource.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1600.

Pattern: `arn:(aws[a-zA-Z0-9-]*):([a-zA-Z0-9-])+:([a-z]{2}(-gov)?-[-a-z]+-\d{1})?:\d{12}?:(.*)`

## Errors

### **ConflictException**

There was a conflict when processing the request (for example, a resource with the given name already exists within the account).

HTTP Status Code: 409

### **InternalServerErrorException**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ResourceNotFoundException**

The specified resource does not exist.

HTTP Status Code: 404

### **ServiceQuotaExceededException**

The maximum number of resources per account has been reached.

HTTP Status Code: 402

## See Also

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

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## CreateApplication

Service: AWS Service Catalog App Registry

Creates a new application that is the top-level node in a hierarchy of related cloud resource abstractions.

### Request Syntax

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

{
  "clientToken": "string",
  "description": "string",
  "name": "string",
  "tags": {
    "string" : "string"
  }
}
```

### URI Request Parameters

The request does not use any URI parameters.

### Request Body

The request accepts the following data in JSON format.

#### **clientToken** (p. 265)

A unique identifier that you provide to ensure idempotency. If you retry a request that completed successfully using the same client token and the same parameters, the retry succeeds without performing any further actions. If you retry a successful request using the same client token, but one or more of the parameters are different, the retry fails.

Type: String

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

Pattern: [a-zA-Z0-9][a-zA-Z0-9\_-]\*

Required: Yes

#### **description** (p. 265)

The description of the application.

Type: String

Length Constraints: Maximum length of 1024.

Required: No

#### **name** (p. 265)

The name of the application. The name must be unique in the region in which you are creating the application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [-.\w]+

Required: Yes

#### [tags \(p. 265\)](#)

Key-value pairs you can use to associate with the application.

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: `(?!aws:)[a-zA-Z+-=._:/]+`

Value Length Constraints: Maximum length of 256.

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

Required: No

## Response Syntax

```
HTTP/1.1 201
Content-type: application/json
```

```
{
  "application": {
    "arn": "string",
    "creationTime": number,
    "description": "string",
    "id": "string",
    "lastUpdateTime": number,
    "name": "string",
    "tags": {
      "string" : "string"
    }
  }
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

#### [application \(p. 266\)](#)

Information about the application.

Type: [Application \(p. 395\)](#) object

## Errors

### ConflictException

There was a conflict when processing the request (for example, a resource with the given name already exists within the account).

HTTP Status Code: 409

### **InternalServerErrorException**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ServiceQuotaExceededException**

The maximum number of resources per account has been reached.

HTTP Status Code: 402

## **See Also**

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

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## CreateAttributeGroup

Service: AWS Service Catalog App Registry

Creates a new attribute group as a container for user-defined attributes. This feature enables users to have full control over their cloud application's metadata in a rich machine-readable format to facilitate integration with automated workflows and third-party tools.

### Request Syntax

```
POST /attribute-groups HTTP/1.1
Content-type: application/json

{
  "attributes": "string",
  "clientToken": "string",
  "description": "string",
  "name": "string",
  "tags": {
    "string" : "string"
  }
}
```

### URI Request Parameters

The request does not use any URI parameters.

### Request Body

The request accepts the following data in JSON format.

#### **attributes** (p. 268)

A JSON string in the form of nested key-value pairs that represent the attributes in the group and describes an application and its components.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8000.

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

Required: Yes

#### **clientToken** (p. 268)

A unique identifier that you provide to ensure idempotency. If you retry a request that completed successfully using the same client token and the same parameters, the retry succeeds without performing any further actions. If you retry a successful request using the same client token, but one or more of the parameters are different, the retry fails.

Type: String

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

Pattern: [ a-zA-Z0-9 ] [ a-zA-Z0-9 \_ - ] \*

Required: Yes

#### **description** (p. 268)

The description of the attribute group that the user provides.

Type: String

Length Constraints: Maximum length of 1024.

Required: No

#### **name** (p. 268)

The name of the attribute group.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [ - . \w ] +

Required: Yes

#### **tags** (p. 268)

Key-value pairs you can use to associate with the attribute group.

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: ( ? !aws : ) [ a - zA - Z + - = . \_ : / ] +

Value Length Constraints: Maximum length of 256.

Value Pattern: [ \p { L } \p { Z } \p { N } \_ . : / = + \ - @ ] \*

Required: No

## Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
  "attributeGroup": {
    "arn": "string",
    "creationTime": number,
    "description": "string",
    "id": "string",
    "lastUpdateTime": number,
    "name": "string",
    "tags": {
      "string" : "string"
    }
  }
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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



### [attributeGroup](#) (p. 269)

Information about the attribute group.

Type: [AttributeGroup](#) (p. 399) object

## Errors

### **ConflictException**

There was a conflict when processing the request (for example, a resource with the given name already exists within the account).

HTTP Status Code: 409

### **InternalServerErrorException**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ServiceQuotaExceededException**

The maximum number of resources per account has been reached.

HTTP Status Code: 402

### **ValidationException**

The request has invalid or missing parameters.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DeleteApplication

Service: AWS Service Catalog App Registry

Deletes an application that is specified either by its application ID or name. All associated attribute groups and resources must be disassociated from it before deleting an application.

### Request Syntax

```
DELETE /applications/application HTTP/1.1
```

### URI Request Parameters

The request uses the following URI parameters.

#### **application** (p. 271)

The name or ID of the application.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[-.\w]+`

Required: Yes

### Request Body

The request does not have a request body.

### Response Syntax

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

{
  "application": {
    "arn": "string",
    "creationTime": number,
    "description": "string",
    "id": "string",
    "lastUpdateTime": number,
    "name": "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.

#### **application** (p. 271)

Information about the deleted application.

Type: [ApplicationSummary](#) (p. 397) object

## Errors

### **InternalServerErrorException**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ResourceNotFoundException**

The specified resource does not exist.

HTTP Status Code: 404

### **ValidationException**

The request has invalid or missing parameters.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DeleteAttributeGroup

Service: AWS Service Catalog App Registry

Deletes an attribute group, specified either by its attribute group ID or name.

### Request Syntax

```
DELETE /attribute-groups/attributeGroup HTTP/1.1
```

### URI Request Parameters

The request uses the following URI parameters.

#### **attributeGroup** (p. 273)

The name or ID of the attribute group that holds the attributes to describe the application.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[ - . \w ] +`

Required: Yes

### Request Body

The request does not have a request body.

### Response Syntax

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

{
  "attributeGroup": {
    "arn": "string",
    "creationTime": number,
    "description": "string",
    "id": "string",
    "lastUpdateTime": number,
    "name": "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.

#### **attributeGroup** (p. 273)

Information about the deleted attribute group.

Type: [AttributeGroupSummary](#) (p. 401) object

## Errors

### **InternalServerErrorException**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ResourceNotFoundException**

The specified resource does not exist.

HTTP Status Code: 404

### **ValidationException**

The request has invalid or missing parameters.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DisassociateAttributeGroup

Service: AWS Service Catalog App Registry

Disassociates an attribute group from an application to remove the extra attributes contained in the attribute group from the application's metadata. This operation reverts `AssociateAttributeGroup`.

### Request Syntax

```
DELETE /applications/application/attribute-groups/attributeGroup HTTP/1.1
```

### URI Request Parameters

The request uses the following URI parameters.

#### `application` (p. 275)

The name or ID of the application.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[ - . \w ] +`

Required: Yes

#### `attributeGroup` (p. 275)

The name or ID of the attribute group that holds the attributes to describe the application.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[ - . \w ] +`

Required: Yes

### Request Body

The request does not have a request body.

### Response Syntax

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

{
  "applicationArn": "string",
  "attributeGroupArn": "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.

#### `applicationArn` (p. 275)

The Amazon resource name (ARN) that specifies the application.

Type: String

Pattern: `arn:aws[-a-z]*:servicecatalog:[a-z]{2}(-gov)?-[-a-z]+\d:\d{12}:/applications/[a-z0-9]+`

**[attributeGroupArn](#) (p. 275)**

The Amazon resource name (ARN) that specifies the attribute group.

Type: String

Pattern: `arn:aws[-a-z]*:servicecatalog:[a-z]{2}(-gov)?-[-a-z]+\d:\d{12}:/attribute-groups/[a-z0-9]+`

## Errors

### **InternalServerErrorException**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ResourceNotFoundException**

The specified resource does not exist.

HTTP Status Code: 404

### **ValidationException**

The request has invalid or missing parameters.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## DisassociateResource

Service: AWS Service Catalog App Registry

Disassociates a resource from application. Both the resource and the application can be specified either by ID or name.

### Request Syntax

```
DELETE /applications/application/resources/resourceType/resource HTTP/1.1
```

### URI Request Parameters

The request uses the following URI parameters.

#### **application** (p. 277)

The name or ID of the application.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [ - . \w ] +

Required: Yes

#### **resource** (p. 277)

The name or ID of the resource.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: \S +

Required: Yes

#### **resourceType** (p. 277)

The type of the resource that is being disassociated.

Valid Values: CFN\_STACK

Required: Yes

### Request Body

The request does not have a request body.

### Response Syntax

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

{
  "applicationArn": "string",
  "resourceArn": "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.

#### **applicationArn** (p. 277)

The Amazon resource name (ARN) that specifies the application.

Type: String

Pattern: `arn:aws[-a-z]*:servicecatalog:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:/applications/[a-z0-9]+`

#### **resourceArn** (p. 277)

The Amazon resource name (ARN) that specifies the resource.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1600.

Pattern: `arn:(aws[a-zA-Z0-9-]*):([a-zA-Z0-9-])+:([a-z]{2}(-gov)?-[a-z]+-\d{1})?:(\d{12})?:(.*)`

## Errors

### **InternalServerErrorException**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ResourceNotFoundException**

The specified resource does not exist.

HTTP Status Code: 404

## See Also

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

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## GetApplication

Service: AWS Service Catalog App Registry

Retrieves metadata information about one of your applications. The application can be specified either by its unique ID or by its name (which is unique within one account in one region at a given point in time). Specify by ID in automated workflows if you want to make sure that the exact same application is returned or a `ResourceNotFoundException` is thrown, avoiding the ABA addressing problem.

### Request Syntax

```
GET /applications/application HTTP/1.1
```

### URI Request Parameters

The request uses the following URI parameters.

#### **application** (p. 279)

The name or ID of the application.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[ - . \w ] +`

Required: Yes

### Request Body

The request does not have a request body.

### Response Syntax

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

{
  "arn": "string",
  "associatedResourceCount": number,
  "creationTime": number,
  "description": "string",
  "id": "string",
  "integrations": {
    "resourceGroup": {
      "arn": "string",
      "errorMessage": "string",
      "state": "string"
    }
  },
  "lastUpdateTime": number,
  "name": "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.

**arn** (p. 279)

The Amazon resource name (ARN) that specifies the application across services.

Type: String

Pattern: `arn:aws[-a-z]*:servicecatalog:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:/applications/[a-z0-9]+`

**associatedResourceCount** (p. 279)

The number of top-level resources that were registered as part of this application.

Type: Integer

Valid Range: Minimum value of 0.

**creationTime** (p. 279)

The ISO-8601 formatted timestamp of the moment when the application was created.

Type: Timestamp

**description** (p. 279)

The description of the application.

Type: String

Length Constraints: Maximum length of 1024.

**id** (p. 279)

The identifier of the application.

Type: String

Length Constraints: Fixed length of 26.

Pattern: `[a-z0-9]+`

**integrations** (p. 279)

The information about the integration of the application with other services, such as Resource Groups.

Type: [Integrations](#) (p. 403) object

**lastUpdateTime** (p. 279)

The ISO-8601 formatted timestamp of the moment when the application was last updated.

Type: Timestamp

**name** (p. 279)

The name of the application. The name must be unique in the region in which you are creating the application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[-.\w]+`

### tags (p. 279)

Key-value pairs associated with the application.

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: `(?!aws:)[a-zA-Z+-._: / ]+`

Value Length Constraints: Maximum length of 256.

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

## Errors

### **InternalServerErrorException**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ResourceNotFoundException**

The specified resource does not exist.

HTTP Status Code: 404

### **ValidationException**

The request has invalid or missing parameters.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## GetAssociatedResource

Service: AWS Service Catalog App Registry

Gets the resource associated with the application.

### Request Syntax

```
GET /applications/application/resources/resourceType/resource HTTP/1.1
```

### URI Request Parameters

The request uses the following URI parameters.

#### **application** (p. 282)

The name or ID of the application.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[ - . \w ] +`

Required: Yes

#### **resource** (p. 282)

The name or ID of the resource associated with the application.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `\S +`

Required: Yes

#### **resourceType** (p. 282)

The type of resource associated with the application.

Valid Values: `CFN_STACK`

Required: Yes

### Request Body

The request does not have a request body.

### Response Syntax

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

{
  "resource": {
    "arn": "string",
    "associationTime": number,
    "integrations": {
      "resourceGroup": {
        "arn": "string",
        "errorMessage": "string",
        "state": "string"
      }
    }
  }
}
```

```
    },  
    "name": "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.

### resource (p. 282)

The resource associated with the application.

Type: [Resource](#) (p. 404) object

## Errors

### InternalServerErrorException

The service is experiencing internal problems.

HTTP Status Code: 500

### ResourceNotFoundException

The specified resource does not exist.

HTTP Status Code: 404

### ValidationException

The request has invalid or missing parameters.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## GetAttributeGroup

Service: AWS Service Catalog App Registry

Retrieves an attribute group, either by its name or its ID. The attribute group can be specified either by its unique ID or by its name.

### Request Syntax

```
GET /attribute-groups/attributeGroup HTTP/1.1
```

### URI Request Parameters

The request uses the following URI parameters.

#### **attributeGroup** (p. 284)

The name or ID of the attribute group that holds the attributes to describe the application.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[ - . \w ] +`

Required: Yes

### Request Body

The request does not have a request body.

### Response Syntax

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

{
  "arn": "string",
  "attributes": "string",
  "creationTime": number,
  "description": "string",
  "id": "string",
  "lastUpdateTime": number,
  "name": "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.

#### **arn** (p. 284)

The Amazon resource name (ARN) that specifies the attribute group across services.

Type: String

Pattern: `arn:aws[-a-z]*:servicecatalog:[a-z]{2}(-gov)?-[-a-z]+-\d:\d{12}:/attribute-groups/[-a-z0-9]+`

**attributes** (p. 284)

A JSON string in the form of nested key-value pairs that represent the attributes in the group and describes an application and its components.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8000.

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

**creationTime** (p. 284)

The ISO-8601 formatted timestamp of the moment the attribute group was created.

Type: Timestamp

**description** (p. 284)

The description of the attribute group that the user provides.

Type: String

Length Constraints: Maximum length of 1024.

**id** (p. 284)

The identifier of the attribute group.

Type: String

Length Constraints: Fixed length of 26.

Pattern: `[-a-z0-9]+`

**lastUpdateTime** (p. 284)

The ISO-8601 formatted timestamp of the moment the attribute group was last updated. This time is the same as the creationTime for a newly created attribute group.

Type: Timestamp

**name** (p. 284)

The name of the attribute group.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[-.\w]+`

**tags** (p. 284)

Key-value pairs associated with the attribute group.

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: `(?!aws:)[a-zA-Z+-._: / ]+`



Value Length Constraints: Maximum length of 256.

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

## Errors

### **InternalServerErrorException**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ResourceNotFoundException**

The specified resource does not exist.

HTTP Status Code: 404

### **ValidationException**

The request has invalid or missing parameters.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ListApplications

Service: AWS Service Catalog App Registry

Retrieves a list of all of your applications. Results are paginated.

### Request Syntax

```
GET /applications?maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

### URI Request Parameters

The request uses the following URI parameters.

#### **maxResults** (p. 287)

The upper bound of the number of results to return (cannot exceed 25). If this parameter is omitted, it defaults to 25. This value is optional.

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

#### **nextToken** (p. 287)

The token to use to get the next page of results after a previous API call.

Length Constraints: Minimum length of 1. Maximum length of 2024.

Pattern: [A-Za-z0-9+/= ]+

### Request Body

The request does not have a request body.

### Response Syntax

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

{
  "applications": [
    {
      "arn": "string",
      "creationTime": number,
      "description": "string",
      "id": "string",
      "lastUpdateTime": number,
      "name": "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.

#### **applications** (p. 287)

This list of applications.

Type: Array of [ApplicationSummary](#) (p. 397) objects  
**nextToken** (p. 287)

The token to use to get the next page of results after a previous API call.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2024.

Pattern: [A-Za-z0-9+/= ]+

## Errors

### **InternalServerErrorException**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ValidationException**

The request has invalid or missing parameters.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ListAssociatedAttributeGroups

Service: AWS Service Catalog App Registry

Lists all attribute groups that are associated with specified application. Results are paginated.

### Request Syntax

```
GET /applications/application/attribute-groups?maxResults=maxResults&nextToken=nextToken
HTTP/1.1
```

### URI Request Parameters

The request uses the following URI parameters.

#### **application** (p. 289)

The name or ID of the application.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[-.\w]+`

Required: Yes

#### **maxResults** (p. 289)

The upper bound of the number of results to return (cannot exceed 25). If this parameter is omitted, it defaults to 25. This value is optional.

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

#### **nextToken** (p. 289)

The token to use to get the next page of results after a previous API call.

Length Constraints: Minimum length of 1. Maximum length of 2024.

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

### Request Body

The request does not have a request body.

### Response Syntax

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

{
  "attributeGroups": [ "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.

### **attributeGroups** (p. 289)

A list of attribute group IDs.

Type: Array of strings

Length Constraints: Fixed length of 26.

Pattern: [a-z0-9]+

### **nextToken** (p. 289)

The token to use to get the next page of results after a previous API call.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2024.

Pattern: [A-Za-z0-9+/=]+

## **Errors**

### **InternalServerError**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ResourceNotFoundException**

The specified resource does not exist.

HTTP Status Code: 404

### **ValidationException**

The request has invalid or missing parameters.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ListAssociatedResources

Service: AWS Service Catalog App Registry

Lists all resources that are associated with specified application. Results are paginated.

### Request Syntax

```
GET /applications/application/resources?maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

### URI Request Parameters

The request uses the following URI parameters.

#### **application** (p. 291)

The name or ID of the application.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [ - . \w ] +

Required: Yes

#### **maxResults** (p. 291)

The upper bound of the number of results to return (cannot exceed 25). If this parameter is omitted, it defaults to 25. This value is optional.

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

#### **nextToken** (p. 291)

The token to use to get the next page of results after a previous API call.

Length Constraints: Minimum length of 1. Maximum length of 2024.

Pattern: [ A-Z a-z 0-9 + / = ] +

### Request Body

The request does not have a request body.

### Response Syntax

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

{
  "nextToken": "string",
  "resources": [
    {
      "arn": "string",
      "name": "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** (p. 291)

The token to use to get the next page of results after a previous API call.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2024.

Pattern: [A-Za-z0-9+/=]+

**resources** (p. 291)

Information about the resources.

Type: Array of [ResourceInfo](#) (p. 406) objects

## Errors

### **InternalServerError**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ResourceNotFoundException**

The specified resource does not exist.

HTTP Status Code: 404

### **ValidationException**

The request has invalid or missing parameters.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ListAttributeGroups

Service: AWS Service Catalog App Registry

Lists all attribute groups which you have access to. Results are paginated.

### Request Syntax

```
GET /attribute-groups?maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

### URI Request Parameters

The request uses the following URI parameters.

#### **maxResults** (p. 293)

The upper bound of the number of results to return (cannot exceed 25). If this parameter is omitted, it defaults to 25. This value is optional.

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

#### **nextToken** (p. 293)

The token to use to get the next page of results after a previous API call.

Length Constraints: Minimum length of 1. Maximum length of 2024.

Pattern: [A-Za-z0-9+/=]+

### Request Body

The request does not have a request body.

### Response Syntax

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

{
  "attributeGroups": [
    {
      "arn": "string",
      "creationTime": number,
      "description": "string",
      "id": "string",
      "lastUpdateTime": number,
      "name": "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.

#### **attributeGroups** (p. 293)

This list of attribute groups.



Type: Array of [AttributeGroupSummary](#) (p. 401) objects  
**nextToken** (p. 293)

The token to use to get the next page of results after a previous API call.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2024.

Pattern: [A-Za-z0-9+/= ]+

## Errors

### **InternalServerErrorException**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ValidationException**

The request has invalid or missing parameters.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## ListTagsForResource

Service: AWS Service Catalog App Registry

Lists all of the tags on the resource.

### Request Syntax

```
GET /tags/resourceArn HTTP/1.1
```

### URI Request Parameters

The request uses the following URI parameters.

#### **resourceArn** (p. 295)

The Amazon resource name (ARN) that specifies the resource.

Length Constraints: Minimum length of 1. Maximum length of 1600.

Pattern: `arn:(aws[a-zA-Z0-9-]*):([a-zA-Z0-9-]+):([a-z]{2}(-gov)?-[a-z]+-\d{1})?:([d{12})?:(.*)`

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** (p. 295)

The tags on the resource.

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: `(?!aws:)[a-zA-Z+-._: / ]+`

Value Length Constraints: Maximum length of 256.

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

## Errors

### **InternalServerErrorException**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ResourceNotFoundException**

The specified resource does not exist.

HTTP Status Code: 404

### **ValidationException**

The request has invalid or missing parameters.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## SyncResource

Service: AWS Service Catalog App Registry

Syncs the resource with current AppRegistry records.

Specifically, the resource's AppRegistry system tags sync with its associated application. We remove the resource's AppRegistry system tags if it does not associate with the application. The caller must have permissions to read and update the resource.

### Request Syntax

```
POST /sync/resourceType/resource HTTP/1.1
```

### URI Request Parameters

The request uses the following URI parameters.

#### **resource** (p. 297)

An entity you can work with and specify with a name or ID. Examples include an Amazon EC2 instance, an AWS CloudFormation stack, or an Amazon S3 bucket.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: \S+

Required: Yes

#### **resourceType** (p. 297)

The type of resource of which the application will be associated.

Valid Values: CFN\_STACK

Required: Yes

### Request Body

The request does not have a request body.

### Response Syntax

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

{
  "actionTaken": "string",
  "applicationArn": "string",
  "resourceArn": "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.

### **actionTaken** (p. 297)

The results of the output if an application is associated with an ARN value, which could be `syncStarted` or `None`.

Type: String

Valid Values: `START_SYNC` | `NO_ACTION`

### **applicationArn** (p. 297)

The Amazon resource name (ARN) that specifies the application.

Type: String

Pattern: `arn:aws[-a-z]*:servicecatalog:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:/applications/[a-z0-9]+`

### **resourceArn** (p. 297)

The Amazon resource name (ARN) that specifies the resource.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1600.

Pattern: `arn:(aws[a-zA-Z0-9-]*):([a-zA-Z0-9\-.]+):([a-z]{2}(-gov)?-[a-z]+-\d{1})?:([a-z0-9\-.]{12})?:([a-z0-9]{16})`

## **Errors**

### **ConflictException**

There was a conflict when processing the request (for example, a resource with the given name already exists within the account).

HTTP Status Code: 409

### **InternalServerErrorException**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ResourceNotFoundException**

The specified resource does not exist.

HTTP Status Code: 404

## **See Also**

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

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)

- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## TagResource

Service: AWS Service Catalog App Registry

Assigns one or more tags (key-value pairs) to the specified resource.

Each tag consists of a key and an optional value. If a tag with the same key is already associated with the resource, this action updates its value.

This operation returns an empty response if the call was successful.

### 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** (p. 300)

The Amazon resource name (ARN) that specifies the resource.

Length Constraints: Minimum length of 1. Maximum length of 1600.

Pattern: `arn:(aws[a-zA-Z0-9-]*):([a-zA-Z0-9-])+:([a-z]{2}(-gov)?-[a-z]+-\d{1})?:([d{12})?:([.*])`

Required: Yes

### Request Body

The request accepts the following data in JSON format.

#### **tags** (p. 300)

The new or modified tags for the resource.

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: `(?!aws:)[a-zA-Z+-._: / ]+`

Value Length Constraints: Maximum length of 256.

Value 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

### **InternalServerErrorException**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ResourceNotFoundException**

The specified resource does not exist.

HTTP Status Code: 404

### **ValidationException**

The request has invalid or missing parameters.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)



## UntagResource

Service: AWS Service Catalog App Registry

Removes tags from a resource.

This operation returns an empty response if the call was successful.

### Request Syntax

```
DELETE /tags/resourceArn?tagKeys=tagKeys HTTP/1.1
```

### URI Request Parameters

The request uses the following URI parameters.

#### **resourceArn** (p. 302)

The Amazon resource name (ARN) that specifies the resource.

Length Constraints: Minimum length of 1. Maximum length of 1600.

Pattern: `arn:(aws[a-zA-Z0-9-]*):([a-zA-Z0-9-]+):([a-z]{2}(-gov)?-[a-z]+-\d{1})?:([d{12})?:(.*)`

Required: Yes

#### **tagKeys** (p. 302)

A list of the tag keys to remove from the specified resource.

Array Members: Minimum number of 0 items. Maximum number of 50 items.

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

Pattern: `(?!aws:)[a-zA-Z+-._: / ]+`

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

#### **InternalServerErrorException**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ResourceNotFoundException**

The specified resource does not exist.

HTTP Status Code: 404

### **ValidationException**

The request has invalid or missing parameters.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## UpdateApplication

Service: AWS Service Catalog App Registry

Updates an existing application with new attributes.

### Request Syntax

```
PATCH /applications/application HTTP/1.1
Content-type: application/json

{
  "description": "string",
  "name": "string"
}
```

### URI Request Parameters

The request uses the following URI parameters.

#### **application** (p. 304)

The name or ID of the application that will be updated.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [ - . \w ] +

Required: Yes

### Request Body

The request accepts the following data in JSON format.

#### **description** (p. 304)

The new description of the application.

Type: String

Length Constraints: Maximum length of 1024.

Required: No

#### **name** (p. 304)

The new name of the application. The name must be unique in the region in which you are updating the application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [ - . \w ] +

Required: No

### Response Syntax

```
HTTP/1.1 200
```

Content-type: application/json

```
{
  "application": {
    "arn": "string",
    "creationTime": number,
    "description": "string",
    "id": "string",
    "lastUpdateTime": number,
    "name": "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.

### **application** (p. 304)

The updated information of the application.

Type: [Application](#) (p. 395) object

## Errors

### **ConflictException**

There was a conflict when processing the request (for example, a resource with the given name already exists within the account).

HTTP Status Code: 409

### **InternalServerErrorException**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ResourceNotFoundException**

The specified resource does not exist.

HTTP Status Code: 404

## See Also

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

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)

- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## UpdateAttributeGroup

Service: AWS Service Catalog App Registry

Updates an existing attribute group with new details.

### Request Syntax

```
PATCH /attribute-groups/attributeGroup HTTP/1.1
Content-type: application/json

{
  "attributes": "string",
  "description": "string",
  "name": "string"
}
```

### URI Request Parameters

The request uses the following URI parameters.

#### **attributeGroup** (p. 307)

The name or ID of the attribute group that holds the attributes to describe the application.

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [ - . \w ] +

Required: Yes

### Request Body

The request accepts the following data in JSON format.

#### **attributes** (p. 307)

A JSON string in the form of nested key-value pairs that represent the attributes in the group and describes an application and its components.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8000.

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

Required: No

#### **description** (p. 307)

The description of the attribute group that the user provides.

Type: String

Length Constraints: Maximum length of 1024.

Required: No

#### **name** (p. 307)

The new name of the attribute group. The name must be unique in the region in which you are updating the attribute group.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[-.\w]+`

Required: No

## Response Syntax

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

{
  "attributeGroup": {
    "arn": "string",
    "creationTime": number,
    "description": "string",
    "id": "string",
    "lastUpdateTime": number,
    "name": "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.

### [attributeGroup](#) (p. 308)

The updated information of the attribute group.

Type: [AttributeGroup](#) (p. 399) object

## Errors

### **ConflictException**

There was a conflict when processing the request (for example, a resource with the given name already exists within the account).

HTTP Status Code: 409

### **InternalServerErrorException**

The service is experiencing internal problems.

HTTP Status Code: 500

### **ResourceNotFoundException**

The specified resource does not exist.

HTTP Status Code: 404

### **ValidationException**

The request has invalid or missing parameters.

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](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

## **Data Types**

The following data types are supported by AWS Service Catalog:

- [AccessLevelFilter](#) (p. 313)
- [BudgetDetail](#) (p. 314)
- [CloudWatchDashboard](#) (p. 315)
- [ConstraintDetail](#) (p. 316)
- [ConstraintSummary](#) (p. 318)
- [ExecutionParameter](#) (p. 319)
- [FailedServiceActionAssociation](#) (p. 320)
- [LaunchPath](#) (p. 322)
- [LaunchPathSummary](#) (p. 323)
- [ListRecordHistorySearchFilter](#) (p. 324)
- [ListTagOptionsFilters](#) (p. 325)
- [OrganizationNode](#) (p. 326)
- [ParameterConstraints](#) (p. 327)
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## AWS Service Catalog

The following data types are supported by AWS Service Catalog:

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## AccessLevelFilter

Service: AWS Service Catalog

The access level to use to filter results.

### Contents

#### Key

The access level.

- `Account` - Filter results based on the account.
- `Role` - Filter results based on the federated role of the specified user.
- `User` - Filter results based on the specified user.

Type: String

Valid Values: `Account` | `Role` | `User`

Required: No

#### Value

The user to which the access level applies. The only supported value is `Self`.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## BudgetDetail

Service: AWS Service Catalog

Information about a budget.

### Contents

#### **BudgetName**

Name of the associated budget.

Type: String

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

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## CloudWatchDashboard

Service: AWS Service Catalog

Information about a CloudWatch dashboard.

### Contents

#### **Name**

The name of the CloudWatch dashboard.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ConstraintDetail

Service: AWS Service Catalog

Information about a constraint.

### Contents

#### **ConstraintId**

The identifier of the constraint.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### **Description**

The description of the constraint.

Type: String

Length Constraints: Maximum length of 2000.

Required: No

#### **Owner**

The owner of the constraint.

Type: String

Pattern: `^[0-9]{1,2}$`

Required: No

#### **PortfolioId**

The identifier of the portfolio the product resides in. The constraint applies only to the instance of the product that lives within this portfolio.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### **ProductId**

The identifier of the product the constraint applies to. Note that a constraint applies to a specific instance of a product within a certain portfolio.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

### Type

The type of constraint.

- `LAUNCH`
- `NOTIFICATION`
- `STACKSET`
- `TEMPLATE`

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)



## ConstraintSummary

Service: AWS Service Catalog

Summary information about a constraint.

### Contents

#### Description

The description of the constraint.

Type: String

Length Constraints: Maximum length of 2000.

Required: No

#### Type

The type of constraint.

- LAUNCH
- NOTIFICATION
- STACKSET
- TEMPLATE

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ExecutionParameter

Service: AWS Service Catalog

Details of an execution parameter value that is passed to a self-service action when executed on a provisioned product.

### Contents

#### DefaultValues

The default values for the execution parameter.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 25 items.

Length Constraints: Minimum length of 0. Maximum length of 512.

Required: No

#### Name

The name of the execution parameter.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Required: No

#### Type

The execution parameter type.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## FailedServiceActionAssociation

Service: AWS Service Catalog

An object containing information about the error, along with identifying information about the self-service action and its associations.

### Contents

#### ErrorCode

The error code. Valid values are listed below.

Type: String

Valid Values: `DUPLICATE_RESOURCE` | `INTERNAL_FAILURE` | `LIMIT_EXCEEDED` | `RESOURCE_NOT_FOUND` | `THROTTLING`

Required: No

#### ErrorMessage

A text description of the error.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

#### ProductId

The product identifier. For example, `prod-abcdek7xy33qa`.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### ProvisioningArtifactId

The identifier of the provisioning artifact. For example, `pa-4abcdjnxjj6ne`.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### ServiceActionId

The self-service action identifier. For example, `act-fs7abcd89wxyz`.

Type: String

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

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## LaunchPath

Service: AWS Service Catalog

A launch path object.

### Contents

#### Id

The identifier of the launch path.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-\ ]*`

Required: No

#### Name

The name of the launch path.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## LaunchPathSummary

Service: AWS Service Catalog

Summary information about a product path for a user.

### Contents

#### ConstraintSummaries

The constraints on the portfolio-product relationship.

Type: Array of [ConstraintSummary](#) (p. 318) objects

Required: No

#### Id

The identifier of the product path.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### Name

The name of the portfolio to which the user was assigned.

Type: String

Required: No

#### Tags

The tags associated with this product path.

Type: Array of [Tag](#) (p. 386) objects

Array Members: Maximum number of 50 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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ListRecordHistorySearchFilter

Service: AWS Service Catalog

The search filter to use when listing history records.

### Contents

#### Key

The filter key.

- `product` - Filter results based on the specified product identifier.
- `provisionedproduct` - Filter results based on the provisioned product identifier.

Type: String

Required: No

#### Value

The filter value.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ListTagOptionsFilters

Service: AWS Service Catalog

Filters to use when listing TagOptions.

### Contents

#### Active

The active state.

Type: Boolean

Required: No

#### Key

The TagOption key.

Type: String

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

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

Required: No

#### Value

The TagOption value.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

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

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)



## OrganizationNode

Service: AWS Service Catalog

Information about the organization node.

### Contents

#### Type

The organization node type.

Type: String

Valid Values: ORGANIZATION | ORGANIZATIONAL\_UNIT | ACCOUNT

Required: No

#### Value

The identifier of the organization node.

Type: String

Pattern: (^[0-9]{12}\$)|(^arn:aws:organizations::\d{12}:organization\/o-[a-z0-9]{10,32}\$)|(^o-[a-z0-9]{10,32}\$)|(^arn:aws:organizations::\d{12}:ou\/o-[a-z0-9]{10,32}\/ou-[0-9a-z]{4,32}-[0-9a-z]{8,32}\$)|(^ou-[0-9a-z]{4,32}-[a-z0-9]{8,32}\$)

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ParameterConstraints

Service: AWS Service Catalog

The constraints that the administrator has put on the parameter.

### Contents

#### AllowedPattern

A regular expression that represents the patterns that allow for `String` types. The pattern must match the entire parameter value provided.

Type: String

Required: No

#### AllowedValues

The values that the administrator has allowed for the parameter.

Type: Array of strings

Required: No

#### ConstraintDescription

A string that explains a constraint when the constraint is violated. For example, without a constraint description, a parameter that has an allowed pattern of `[A-Za-z0-9]+` displays the following error message when the user specifies an invalid value:

```
Malformed input-Parameter MyParameter must match pattern [A-Za-z0-9]+
```

By adding a constraint description, such as `must only contain letters (uppercase and lowercase) and numbers`, you can display the following customized error message:

```
Malformed input-Parameter MyParameter must only contain uppercase and lowercase letters and numbers.
```

Type: String

Required: No

#### MaxLength

An integer value that determines the largest number of characters you want to allow for `String` types.

Type: String

Required: No

#### MaxValue

A numeric value that determines the largest numeric value you want to allow for `Number` types.

Type: String

Required: No

#### MinLength

An integer value that determines the smallest number of characters you want to allow for `String` types.

Type: String

Required: No

**MinValue**

A numeric value that determines the smallest numeric value you want to allow for `Number` types.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## PortfolioDetail

Service: AWS Service Catalog

Information about a portfolio.

### Contents

#### ARN

The ARN assigned to the portfolio.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 150.

Required: No

#### CreatedTime

The UTC time stamp of the creation time.

Type: Timestamp

Required: No

#### Description

The description of the portfolio.

Type: String

Length Constraints: Maximum length of 2000.

Required: No

#### DisplayName

The name to use for display purposes.

Type: String

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

Required: No

#### Id

The portfolio identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### ProviderName

The name of the portfolio provider.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## PortfolioShareDetail

Service: AWS Service Catalog

Information about the portfolio share.

### Contents

#### Accepted

Indicates whether the shared portfolio is imported by the recipient account. If the recipient is in an organization node, the share is automatically imported, and the field is always set to true.

Type: Boolean

Required: No

#### PrincipalId

The identifier of the recipient entity that received the portfolio share. The recipient entities can be one of the following:

1. An external account.
2. An organization member account.
3. An organizational unit (OU).
4. The organization itself. (This shares with every account in the organization).

Type: String

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

Pattern: `^[a-zA-Z0-9_\-\ ]*`

Required: No

#### ShareTagOptions

Indicates whether TagOptions sharing is enabled or disabled for the portfolio share.

Type: Boolean

Required: No

#### Type

The type of the portfolio share.

Type: String

Valid Values: `ACCOUNT` | `ORGANIZATION` | `ORGANIZATIONAL_UNIT` | `ORGANIZATION_MEMBER_ACCOUNT`

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 Go](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## Principal

Service: AWS Service Catalog

Information about a principal.

### Contents

#### **PrincipalARN**

The ARN of the principal (IAM user, role, or group).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Required: No

#### **PrincipalType**

The principal type. The supported value is `IAM`.

Type: String

Valid Values: `IAM`

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)



## ProductViewAggregationValue

Service: AWS Service Catalog

A single product view aggregation value/count pair, containing metadata about each product to which the calling user has access.

### Contents

#### **ApproximateCount**

An approximate count of the products that match the value.

Type: Integer

Required: No

#### **Value**

The value of the product view aggregation.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ProductViewDetail

Service: AWS Service Catalog

Information about a product view.

### Contents

#### CreatedTime

The UTC time stamp of the creation time.

Type: Timestamp

Required: No

#### ProductARN

The ARN of the product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 150.

Required: No

#### ProductViewSummary

Summary information about the product view.

Type: [ProductViewSummary](#) (p. 336) object

Required: No

#### Status

The status of the product.

- **AVAILABLE** - The product is ready for use.
- **CREATING** - Product creation has started; the product is not ready for use.
- **FAILED** - An action failed.

Type: String

Valid Values: **AVAILABLE** | **CREATING** | **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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ProductViewSummary

Service: AWS Service Catalog

Summary information about a product view.

### Contents

#### Distributor

The distributor of the product. Contact the product administrator for the significance of this value.

Type: String

Required: No

#### HasDefaultPath

Indicates whether the product has a default path. If the product does not have a default path, call [ListLaunchPaths \(p. 160\)](#) to disambiguate between paths. Otherwise, [ListLaunchPaths \(p. 160\)](#) is not required, and the output of [ProductViewSummary \(p. 336\)](#) can be used directly with [DescribeProvisioningParameters \(p. 112\)](#).

Type: Boolean

Required: No

#### Id

The product view identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-\ ]*`

Required: No

#### Name

The name of the product.

Type: String

Length Constraints: Maximum length of 8191.

Required: No

#### Owner

The owner of the product. Contact the product administrator for the significance of this value.

Type: String

Length Constraints: Maximum length of 8191.

Required: No

#### ProductId

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

**ShortDescription**

Short description of the product.

Type: String

Length Constraints: Maximum length of 8191.

Required: No

**SupportDescription**

The description of the support for this Product.

Type: String

Length Constraints: Maximum length of 8191.

Required: No

**SupportEmail**

The email contact information to obtain support for this Product.

Type: String

Length Constraints: Maximum length of 254.

Required: No

**SupportUrl**

The URL information to obtain support for this Product.

Type: String

Length Constraints: Maximum length of 2083.

Required: No

**Type**

The product type. Contact the product administrator for the significance of this value. If this value is `MARKETPLACE`, the product was created by AWS Marketplace.

Type: String

Length Constraints: Maximum length of 8191.

Valid Values: `CLOUD_FORMATION_TEMPLATE` | `MARKETPLACE`

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 Go](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

## ProvisionedProductAttribute

Service: AWS Service Catalog

Information about a provisioned product.

### Contents

#### Arn

The ARN of the provisioned product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1224.

Pattern: `[a-zA-Z0-9][a-zA-Z0-9._-]{0,127}|arn:[a-z0-9-\.]{{1,63}}:[a-z0-9-\.]{{0,63}}:[a-z0-9-\.]{{0,63}}:[a-z0-9-\.]{{0,63}}:[^/].{0,1023}`

Required: No

#### CreatedTime

The UTC time stamp of the creation time.

Type: Timestamp

Required: No

#### Id

The identifier of the provisioned product.

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: No

#### IdempotencyToken

A unique identifier that you provide to ensure idempotency. If multiple requests differ only by the idempotency token, the same response is returned for each repeated request.

Type: String

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

Pattern: `[a-zA-Z0-9][a-zA-Z0-9_-]*`

Required: No

#### LastProvisioningRecordId

The record identifier of the last request performed on this provisioned product of the following types:

- ProvisionedProduct
- UpdateProvisionedProduct
- ExecuteProvisionedProductPlan
- TerminateProvisionedProduct

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: No

#### **LastRecordId**

The record identifier of the last request performed on this provisioned product.

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: No

#### **LastSuccessfulProvisioningRecordId**

The record identifier of the last successful request performed on this provisioned product of the following types:

- ProvisionedProduct
- UpdateProvisionedProduct
- ExecuteProvisionedProductPlan
- TerminateProvisionedProduct

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: No

#### **Name**

The user-friendly name of the provisioned product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1224.

Pattern: `[a-zA-Z0-9][a-zA-Z0-9._-]{0,127}|arn:[a-z0-9-\.]^{1,63}: [a-z0-9-\.]^{0,63}: [a-z0-9-\.]^{0,63}: [a-z0-9-\.]^{0,63}: [a-z0-9-\.]^{0,63}: [^/].{0,1023}`

Required: No

#### **PhysicalId**

The assigned identifier for the resource, such as an EC2 instance ID or an S3 bucket name.

Type: String

Required: No

#### **ProductId**

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: No

**ProductName**

The name of the product.

Type: String

Length Constraints: Maximum length of 8191.

Required: No

**ProvisioningArtifactId**

The identifier of the provisioning artifact.

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: No

**ProvisioningArtifactName**

The name of the provisioning artifact.

Type: String

Length Constraints: Maximum length of 8192.

Required: No

**Status**

The current status of the provisioned product.

- **AVAILABLE** - Stable state, ready to perform any operation. The most recent operation succeeded and completed.
- **UNDER\_CHANGE** - Transitive state. Operations performed might not have valid results. Wait for an **AVAILABLE** status before performing operations.
- **TAINTED** - Stable state, ready to perform any operation. The stack has completed the requested operation but is not exactly what was requested. For example, a request to update to a new version failed and the stack rolled back to the current version.
- **ERROR** - An unexpected error occurred. The provisioned product exists but the stack is not running. For example, AWS CloudFormation received a parameter value that was not valid and could not launch the stack.
- **PLAN\_IN\_PROGRESS** - Transitive state. The plan operations were performed to provision a new product, but resources have not yet been created. After reviewing the list of resources to be created, execute the plan. Wait for an **AVAILABLE** status before performing operations.

Type: String

Valid Values: **AVAILABLE** | **UNDER\_CHANGE** | **TAINTED** | **ERROR** | **PLAN\_IN\_PROGRESS**

Required: No

**StatusMessage**

The current status message of the provisioned product.



Type: String

Required: No

**Tags**

One or more tags.

Type: Array of [Tag \(p. 386\)](#) objects

Array Members: Maximum number of 50 items.

Required: No

**Type**

The type of provisioned product. The supported values are `CFN_STACK` and `CFN_STACKSET`.

Type: String

Required: No

**UserArn**

The Amazon Resource Name (ARN) of the IAM user.

Type: String

Required: No

**UserArnSession**

The ARN of the IAM user in the session. This ARN might contain a session ID.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ProvisionedProductDetail

Service: AWS Service Catalog

Information about a provisioned product.

### Contents

#### Arn

The ARN of the provisioned product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1224.

Pattern: `[a-zA-Z0-9][a-zA-Z0-9._-]{0,127}|arn:[a-z0-9-\.]{{1,63}}:[a-z0-9-\.]{{0,63}}:[a-z0-9-\.]{{0,63}}:[a-z0-9-\.]{{0,63}}:[^/].{0,1023}`

Required: No

#### CreatedTime

The UTC time stamp of the creation time.

Type: Timestamp

Required: No

#### Id

The identifier of the provisioned product.

Type: String

Required: No

#### IdempotencyToken

A unique identifier that you provide to ensure idempotency. If multiple requests differ only by the idempotency token, the same response is returned for each repeated request.

Type: String

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

Pattern: `[a-zA-Z0-9][a-zA-Z0-9_-]*`

Required: No

#### LastProvisioningRecordId

The record identifier of the last request performed on this provisioned product of the following types:

- ProvisionedProduct
- UpdateProvisionedProduct
- ExecuteProvisionedProductPlan
- TerminateProvisionedProduct

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

**LastRecordId**

The record identifier of the last request performed on this provisioned product.

Type: String

Required: No

**LastSuccessfulProvisioningRecordId**

The record identifier of the last successful request performed on this provisioned product of the following types:

- ProvisionedProduct
- UpdateProvisionedProduct
- ExecuteProvisionedProductPlan
- TerminateProvisionedProduct

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: No

**LaunchRoleArn**

The ARN of the launch role associated with the provisioned product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1224.

Pattern: `arn:[a-z0-9-\.]{{1,63}}:iam::[a-z0-9-\.]{{0,63}}:role\/\.{0,1023}`

Required: No

**Name**

The user-friendly name of the provisioned product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1224.

Pattern: `[a-zA-Z0-9][a-zA-Z0-9._-]{{0,127}}|arn:[a-z0-9-\.]{{1,63}}:[a-z0-9-\.]{{0,63}}:[a-z0-9-\.]{{0,63}}:[a-z0-9-\.]{{0,63}}:[a-z0-9-\.]{{0,63}}:[^\/]\.{0,1023}`

Required: No

**ProductId**

The product identifier. For example, `prod-abcdek7xy33qa`.

Type: String

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

Pattern: `^[a-zA-Z0-9_-]*`

Required: No

### **ProvisioningArtifactId**

The identifier of the provisioning artifact. For example, `pa-4abcdjnxjj6ne`.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

### **Status**

The current status of the provisioned product.

- **AVAILABLE** - Stable state, ready to perform any operation. The most recent operation succeeded and completed.
- **UNDER\_CHANGE** - Transitive state. Operations performed might not have valid results. Wait for an **AVAILABLE** status before performing operations.
- **TAINTED** - Stable state, ready to perform any operation. The stack has completed the requested operation but is not exactly what was requested. For example, a request to update to a new version failed and the stack rolled back to the current version.
- **ERROR** - An unexpected error occurred. The provisioned product exists but the stack is not running. For example, AWS CloudFormation received a parameter value that was not valid and could not launch the stack.
- **PLAN\_IN\_PROGRESS** - Transitive state. The plan operations were performed to provision a new product, but resources have not yet been created. After reviewing the list of resources to be created, execute the plan. Wait for an **AVAILABLE** status before performing operations.

Type: String

Valid Values: **AVAILABLE** | **UNDER\_CHANGE** | **TAINTED** | **ERROR** | **PLAN\_IN\_PROGRESS**

Required: No

### **StatusMessage**

The current status message of the provisioned product.

Type: String

Required: No

### **Type**

The type of provisioned product. The supported values are **CFN\_STACK** and **CFN\_STACKSET**.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)



## ProvisionedProductPlanDetails

Service: AWS Service Catalog

Information about a plan.

### Contents

#### CreatedTime

The UTC time stamp of the creation time.

Type: Timestamp

Required: No

#### NotificationArns

Passed to AWS CloudFormation. The SNS topic ARNs to which to publish stack-related events.

Type: Array of strings

Array Members: Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 1224.

Pattern: `arn:[a-z0-9-\.]{1,63}:[a-z0-9-\.]{0,63}:[a-z0-9-\.]{0,63}:[a-z0-9-\.]{0,63}:[^/]{0,1023}`

Required: No

#### PathId

The path identifier of the product. This value is optional if the product has a default path, and required if the product has more than one path. To list the paths for a product, use [ListLaunchPaths](#) (p. 160).

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### PlanId

The plan identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### PlanName

The name of the plan.

Type: String

Required: No

**PlanType**

The plan type.

Type: String

Valid Values: CLOUDFORMATION

Required: No

**ProductId**

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

**ProvisioningArtifactId**

The identifier of the provisioning artifact.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

**ProvisioningParameters**

Parameters specified by the administrator that are required for provisioning the product.

Type: Array of [UpdateProvisioningParameter](#) (p. 390) objects

Required: No

**ProvisionProductId**

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

**ProvisionProductName**

The user-friendly name of the provisioned product.

Type: String

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

Pattern: `[a-zA-Z0-9][a-zA-Z0-9._-]*`

Required: No

**Status**

The status.

Type: String

Valid Values: CREATE\_IN\_PROGRESS | CREATE\_SUCCESS | CREATE\_FAILED |  
EXECUTE\_IN\_PROGRESS | EXECUTE\_SUCCESS | EXECUTE\_FAILED

Required: No

**StatusMessage**

The status message.

Type: String

Pattern: [ \u0009\u000a\u000d\u0020-\u007F\u00E0-\u00FFD]\*

Required: No

**Tags**

One or more tags.

Type: Array of [Tag \(p. 386\)](#) objects

Array Members: Maximum number of 50 items.

Required: No

**UpdateTime**

The time when the plan 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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)



## ProvisionedProductPlanSummary

Service: AWS Service Catalog

Summary information about a plan.

### Contents

#### PlanId

The plan identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### PlanName

The name of the plan.

Type: String

Required: No

#### PlanType

The plan type.

Type: String

Valid Values: `CLOUDFORMATION`

Required: No

#### ProvisioningArtifactId

The identifier of the provisioning artifact.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### ProvisionProductId

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### ProvisionProductName

The user-friendly name of the provisioned product.

Type: String

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

Pattern: `[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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ProvisioningArtifact

Service: AWS Service Catalog

Information about a provisioning artifact. A provisioning artifact is also known as a product version.

### Contents

#### CreatedTime

The UTC time stamp of the creation time.

Type: Timestamp

Required: No

#### Description

The description of the provisioning artifact.

Type: String

Length Constraints: Maximum length of 8192.

Required: No

#### Guidance

Information set by the administrator to provide guidance to end users about which provisioning artifacts to use.

Type: String

Valid Values: `DEFAULT` | `DEPRECATED`

Required: No

#### Id

The identifier of the provisioning artifact.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### Name

The name of the provisioning artifact.

Type: String

Length Constraints: Maximum length of 8192.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ProvisioningArtifactDetail

Service: AWS Service Catalog

Information about a provisioning artifact (also known as a version) for a product.

### Contents

#### Active

Indicates whether the product version is active.

Type: Boolean

Required: No

#### CreatedTime

The UTC time stamp of the creation time.

Type: Timestamp

Required: No

#### Description

The description of the provisioning artifact.

Type: String

Length Constraints: Maximum length of 8192.

Required: No

#### Guidance

Information set by the administrator to provide guidance to end users about which provisioning artifacts to use.

Type: String

Valid Values: `DEFAULT` | `DEPRECATED`

Required: No

#### Id

The identifier of the provisioning artifact.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### Name

The name of the provisioning artifact.

Type: String

Length Constraints: Maximum length of 8192.

Required: No

### Type

The type of provisioning artifact.

- `CLOUD_FORMATION_TEMPLATE` - AWS CloudFormation template
- `MARKETPLACE_AMI` - AWS Marketplace AMI
- `MARKETPLACE_CAR` - AWS Marketplace Clusters and AWS Resources

Type: String

Valid Values: `CLOUD_FORMATION_TEMPLATE` | `MARKETPLACE_AMI` | `MARKETPLACE_CAR`

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ProvisioningArtifactOutput

Service: AWS Service Catalog

Provisioning artifact output.

### Contents

#### Description

Description of the provisioning artifact output key.

Type: String

Length Constraints: Maximum length of 1024.

Required: No

#### Key

The provisioning artifact output key.

Type: String

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

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ProvisioningArtifactParameter

Service: AWS Service Catalog

Information about a parameter used to provision a product.

### Contents

#### DefaultValue

The default value.

Type: String

Required: No

#### Description

The description of the parameter.

Type: String

Required: No

#### IsNoEcho

If this value is true, the value for this parameter is obfuscated from view when the parameter is retrieved. This parameter is used to hide sensitive information.

Type: Boolean

Required: No

#### ParameterConstraints

Constraints that the administrator has put on a parameter.

Type: [ParameterConstraints](#) (p. 327) object

Required: No

#### ParameterKey

The parameter key.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Required: No

#### ParameterType

The parameter type.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ProvisioningArtifactPreferences

Service: AWS Service Catalog

The user-defined preferences that will be applied during product provisioning, unless overridden by `ProvisioningPreferences` or `UpdateProvisioningPreferences`.

For more information on maximum concurrent accounts and failure tolerance, see [Stack set operation options](#) in the *AWS CloudFormation User Guide*.

### Contents

#### StackSetAccounts

One or more AWS accounts where stack instances are deployed from the stack set. These accounts can be scoped in `ProvisioningPreferences$StackSetAccounts` and `UpdateProvisioningPreferences$StackSetAccounts`.

Applicable only to a `CFN_STACKSET` provisioned product type.

Type: Array of strings

Pattern: `^[0-9]{12}$`

Required: No

#### StackSetRegions

One or more AWS Regions where stack instances are deployed from the stack set. These Regions can be scoped in `ProvisioningPreferences$StackSetRegions` and `UpdateProvisioningPreferences$StackSetRegions`.

Applicable only to a `CFN_STACKSET` provisioned product type.

Type: Array of strings

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ProvisioningArtifactProperties

Service: AWS Service Catalog

Information about a provisioning artifact (also known as a version) for a product.

### Contents

#### Description

The description of the provisioning artifact, including how it differs from the previous provisioning artifact.

Type: String

Length Constraints: Maximum length of 8192.

Required: No

#### DisableTemplateValidation

If set to true, AWS Service Catalog stops validating the specified provisioning artifact even if it is invalid.

Type: Boolean

Required: No

#### Info

Specify the template source with one of the following options, but not both. Keys accepted: [ `LoadTemplateFromURL`, `ImportFromPhysicalId` ]

The URL of the AWS CloudFormation template in Amazon S3, AWS CodeCommit, or GitHub in JSON format. Specify the URL in JSON format as follows:

```
"LoadTemplateFromURL": "https://s3.amazonaws.com/cf-templates-ozkq9d3hgiq2-us-east-1/..."
```

`ImportFromPhysicalId`: The physical id of the resource that contains the template. Currently only supports AWS CloudFormation stack arn. Specify the physical id in JSON format as follows:  
`ImportFromPhysicalId`: "arn:aws:cloudformation:[us-east-1]:[accountId]:stack/[StackName]/[resourceId]"

Type: String to string map

Map Entries: Maximum number of 100 items.

Required: Yes

#### Name

The name of the provisioning artifact (for example, v1 v2beta). No spaces are allowed.

Type: String

Length Constraints: Maximum length of 8192.

Required: No

#### Type

The type of provisioning artifact.

- `CLOUD_FORMATION_TEMPLATE` - AWS CloudFormation template

- `MARKETPLACE_AMI` - AWS Marketplace AMI
- `MARKETPLACE_CAR` - AWS Marketplace Clusters and AWS Resources

Type: String

Valid Values: `CLOUD_FORMATION_TEMPLATE` | `MARKETPLACE_AMI` | `MARKETPLACE_CAR`

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ProvisioningArtifactSummary

Service: AWS Service Catalog

Summary information about a provisioning artifact (also known as a version) for a product.

### Contents

#### CreatedTime

The UTC time stamp of the creation time.

Type: Timestamp

Required: No

#### Description

The description of the provisioning artifact.

Type: String

Length Constraints: Maximum length of 8192.

Required: No

#### Id

The identifier of the provisioning artifact.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-\ ]*`

Required: No

#### Name

The name of the provisioning artifact.

Type: String

Length Constraints: Maximum length of 8192.

Required: No

#### ProvisioningArtifactMetadata

The metadata for the provisioning artifact. This is used with AWS Marketplace products.

Type: String to string map

Map Entries: Maximum number of 100 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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ProvisioningArtifactView

Service: AWS Service Catalog

An object that contains summary information about a product view and a provisioning artifact.

### Contents

#### ProductViewSummary

Summary information about a product view.

Type: [ProductViewSummary](#) (p. 336) object

Required: No

#### ProvisioningArtifact

Information about a provisioning artifact. A provisioning artifact is also known as a product version.

Type: [ProvisioningArtifact](#) (p. 352) 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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ProvisioningParameter

Service: AWS Service Catalog

Information about a parameter used to provision a product.

### Contents

#### Key

The parameter key.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Required: No

#### Value

The parameter value.

Type: String

Length Constraints: Maximum length of 4096.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)



## ProvisioningPreferences

Service: AWS Service Catalog

The user-defined preferences that will be applied when updating a provisioned product. Not all preferences are applicable to all provisioned product type

One or more AWS accounts that will have access to the provisioned product.

Applicable only to a `CFN_STACKSET` provisioned product type.

The AWS accounts specified should be within the list of accounts in the `STACKSET` constraint. To get the list of accounts in the `STACKSET` constraint, use the `DescribeProvisioningParameters` operation.

If no values are specified, the default value is all accounts from the `STACKSET` constraint.

## Contents

### StackSetAccounts

One or more AWS accounts where the provisioned product will be available.

Applicable only to a `CFN_STACKSET` provisioned product type.

The specified accounts should be within the list of accounts from the `STACKSET` constraint. To get the list of accounts in the `STACKSET` constraint, use the `DescribeProvisioningParameters` operation.

If no values are specified, the default value is all accounts from the `STACKSET` constraint.

Type: Array of strings

Pattern: `^[0-9]{1,2}$`

Required: No

### StackSetFailureToleranceCount

The number of accounts, per Region, for which this operation can fail before AWS Service Catalog stops the operation in that Region. If the operation is stopped in a Region, AWS Service Catalog doesn't attempt the operation in any subsequent Regions.

Applicable only to a `CFN_STACKSET` provisioned product type.

Conditional: You must specify either `StackSetFailureToleranceCount` or `StackSetFailureTolerancePercentage`, but not both.

The default value is 0 if no value is specified.

Type: Integer

Valid Range: Minimum value of 0.

Required: No

### StackSetFailureTolerancePercentage

The percentage of accounts, per Region, for which this stack operation can fail before AWS Service Catalog stops the operation in that Region. If the operation is stopped in a Region, AWS Service Catalog doesn't attempt the operation in any subsequent Regions.

When calculating the number of accounts based on the specified percentage, AWS Service Catalog rounds down to the next whole number.

Applicable only to a `CFN_STACKSET` provisioned product type.

Conditional: You must specify either `StackSetFailureToleranceCount` or `StackSetFailureTolerancePercentage`, but not both.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 100.

Required: No

#### **StackSetMaxConcurrencyCount**

The maximum number of accounts in which to perform this operation at one time. This is dependent on the value of `StackSetFailureToleranceCount`. `StackSetMaxConcurrentCount` is at most one more than the `StackSetFailureToleranceCount`.

Note that this setting lets you specify the maximum for operations. For large deployments, under certain circumstances the actual number of accounts acted upon concurrently may be lower due to service throttling.

Applicable only to a `CFN_STACKSET` provisioned product type.

Conditional: You must specify either `StackSetMaxConcurrentCount` or `StackSetMaxConcurrentPercentage`, but not both.

Type: Integer

Valid Range: Minimum value of 1.

Required: No

#### **StackSetMaxConcurrencyPercentage**

The maximum percentage of accounts in which to perform this operation at one time.

When calculating the number of accounts based on the specified percentage, AWS Service Catalog rounds down to the next whole number. This is true except in cases where rounding down would result is zero. In this case, AWS Service Catalog sets the number as 1 instead.

Note that this setting lets you specify the maximum for operations. For large deployments, under certain circumstances the actual number of accounts acted upon concurrently may be lower due to service throttling.

Applicable only to a `CFN_STACKSET` provisioned product type.

Conditional: You must specify either `StackSetMaxConcurrentCount` or `StackSetMaxConcurrentPercentage`, but not both.

Type: Integer

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

Required: No

#### **StackSetRegions**

One or more AWS Regions where the provisioned product will be available.

Applicable only to a `CFN_STACKSET` provisioned product type.

The specified Regions should be within the list of Regions from the `STACKSET` constraint. To get the list of Regions in the `STACKSET` constraint, use the `DescribeProvisioningParameters` operation.

If no values are specified, the default value is all Regions from the `STACKSET` constraint.

Type: Array of strings

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## RecordDetail

Service: AWS Service Catalog

Information about a request operation.

### Contents

#### **CreatedTime**

The UTC time stamp of the creation time.

Type: Timestamp

Required: No

#### **LaunchRoleArn**

The ARN of the launch role associated with the provisioned product.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1224.

Pattern: `arn:[a-z0-9-\.]{1,63}:iam:[a-z0-9-\.]{0,63}:role\/.{0,1023}`

Required: No

#### **PathId**

The path identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### **ProductId**

The product identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### **ProvisionedProductId**

The identifier of the provisioned product.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### **ProvisionedProductName**

The user-friendly name of the provisioned product.

Type: String

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

Pattern: `[a-zA-Z0-9][a-zA-Z0-9._-]*`

Required: No

#### **ProvisionedProductType**

The type of provisioned product. The supported values are `CFN_STACK` and `CFN_STACKSET`.

Type: String

Required: No

#### **ProvisioningArtifactId**

The identifier of the provisioning artifact.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### **RecordErrors**

The errors that occurred.

Type: Array of [RecordError](#) (p. 372) objects

Required: No

#### **RecordId**

The identifier of the record.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### **RecordTags**

One or more tags.

Type: Array of [RecordTag](#) (p. 374) objects

Array Members: Maximum number of 50 items.

Required: No

#### **RecordType**

The record type.

- `PROVISION_PRODUCT`
- `UPDATE_PROVISIONED_PRODUCT`
- `TERMINATE_PROVISIONED_PRODUCT`

Type: String

Required: No

#### **Status**

The status of the provisioned product.

- **CREATED** - The request was created but the operation has not started.
- **IN\_PROGRESS** - The requested operation is in progress.
- **IN\_PROGRESS\_IN\_ERROR** - The provisioned product is under change but the requested operation failed and some remediation is occurring. For example, a rollback.
- **SUCCEEDED** - The requested operation has successfully completed.
- **FAILED** - The requested operation has unsuccessfully completed. Investigate using the error messages returned.

Type: String

Valid Values: **CREATED** | **IN\_PROGRESS** | **IN\_PROGRESS\_IN\_ERROR** | **SUCCEEDED** | **FAILED**

Required: No

#### **UpdateTime**

The time when the record 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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## RecordError

Service: AWS Service Catalog

The error code and description resulting from an operation.

### Contents

#### Code

The numeric value of the error.

Type: String

Required: No

#### Description

The description of the error.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## RecordOutput

Service: AWS Service Catalog

The output for the product created as the result of a request. For example, the output for a CloudFormation-backed product that creates an S3 bucket would include the S3 bucket URL.

### Contents

#### Description

The description of the output.

Type: String

Required: No

#### OutputKey

The output key.

Type: String

Required: No

#### OutputValue

The output value.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)



## RecordTag

Service: AWS Service Catalog

Information about a tag, which is a key-value pair.

### Contents

#### Key

The key for this tag.

Type: String

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

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

Required: No

#### Value

The value for this tag.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

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

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ResourceChange

Service: AWS Service Catalog

Information about a resource change that will occur when a plan is executed.

### Contents

#### Action

The change action.

Type: String

Valid Values: `ADD` | `MODIFY` | `REMOVE`

Required: No

#### Details

Information about the resource changes.

Type: Array of [ResourceChangeDetail](#) (p. 377) objects

Required: No

#### LogicalResourceId

The ID of the resource, as defined in the AWS CloudFormation template.

Type: String

Required: No

#### PhysicalResourceId

The ID of the resource, if it was already created.

Type: String

Required: No

#### Replacement

If the change type is `Modify`, indicates whether the existing resource is deleted and replaced with a new one.

Type: String

Valid Values: `TRUE` | `FALSE` | `CONDITIONAL`

Required: No

#### ResourceType

The type of resource.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

#### Scope

The change scope.

Type: Array of strings

Valid Values: PROPERTIES | METADATA | CREATIONPOLICY | UPDATEPOLICY |  
DELETIONPOLICY | TAGS

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ResourceChangeDetail

Service: AWS Service Catalog

Information about a change to a resource attribute.

### Contents

#### CausingEntity

The ID of the entity that caused the change.

Type: String

Required: No

#### Evaluation

For static evaluations, the value of the resource attribute will change and the new value is known. For dynamic evaluations, the value might change, and any new value will be determined when the plan is updated.

Type: String

Valid Values: `STATIC` | `DYNAMIC`

Required: No

#### Target

Information about the resource attribute to be modified.

Type: [ResourceTargetDefinition](#) (p. 379) 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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ResourceDetail

Service: AWS Service Catalog

Information about a resource.

### Contents

#### ARN

The ARN of the resource.

Type: String

Required: No

#### CreatedTime

The creation time of the resource.

Type: Timestamp

Required: No

#### Description

The description of the resource.

Type: String

Required: No

#### Id

The identifier of the resource.

Type: String

Required: No

#### Name

The name of the resource.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ResourceTargetDefinition

Service: AWS Service Catalog

Information about a change to a resource attribute.

### Contents

#### Attribute

The attribute to be changed.

Type: String

Valid Values: `PROPERTIES` | `METADATA` | `CREATIONPOLICY` | `UPDATEPOLICY` | `DELETIONPOLICY` | `TAGS`

Required: No

#### Name

If the attribute is `Properties`, the value is the name of the property. Otherwise, the value is null.

Type: String

Required: No

#### RequiresRecreation

If the attribute is `Properties`, indicates whether a change to this property causes the resource to be re-created.

Type: String

Valid Values: `NEVER` | `CONDITIONALLY` | `ALWAYS`

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ServiceActionAssociation

Service: AWS Service Catalog

A self-service action association consisting of the Action ID, the Product ID, and the Provisioning Artifact ID.

### Contents

#### ProductId

The product identifier. For example, `prod-abcdez7xy33qa`.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### ProvisioningArtifactId

The identifier of the provisioning artifact. For example, `pa-4abcdjnxjj6ne`.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: Yes

#### ServiceActionId

The self-service action identifier. For example, `act-fs7abcd89wxyz`.

Type: String

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

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ServiceActionDetail

Service: AWS Service Catalog

An object containing detailed information about the self-service action.

### Contents

#### Definition

A map that defines the self-service action.

Type: String to string map

Map Entries: Maximum number of 100 items.

Valid Keys: `Name` | `Version` | `AssumeRole` | `Parameters`

Value Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

#### ServiceActionSummary

Summary information about the self-service action.

Type: [ServiceActionSummary](#) (p. 382) 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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)



## ServiceActionSummary

Service: AWS Service Catalog

Detailed information about the self-service action.

### Contents

#### DefinitionType

The self-service action definition type. For example, `SSM_AUTOMATION`.

Type: String

Valid Values: `SSM_AUTOMATION`

Required: No

#### Description

The self-service action description.

Type: String

Length Constraints: Maximum length of 1024.

Required: No

#### Id

The self-service action identifier.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-]*`

Required: No

#### Name

The self-service action name.

Type: String

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ShareDetails

Service: AWS Service Catalog

Information about the portfolio share operation.

### Contents

#### ShareErrors

List of errors.

Type: Array of [ShareError](#) (p. 384) objects

Required: No

#### SuccessfulShares

List of accounts for whom the operation succeeded.

Type: Array of strings

Pattern: `^[0-9]{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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ShareError

Service: AWS Service Catalog

Errors that occurred during the portfolio share operation.

### Contents

#### Accounts

List of accounts impacted by the error.

Type: Array of strings

Pattern: `^[0-9]{12}$`

Required: No

#### Error

Error type that happened when processing the operation.

Type: String

Required: No

#### Message

Information about the error.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## StackInstance

Service: AWS Service Catalog

An AWS CloudFormation stack, in a specific account and Region, that's part of a stack set operation. A stack instance is a reference to an attempted or actual stack in a given account within a given Region. A stack instance can exist without a stack—for example, if the stack couldn't be created for some reason. A stack instance is associated with only one stack set. Each stack instance contains the ID of its associated stack set, as well as the ID of the actual stack and the stack status.

### Contents

#### Account

The name of the AWS account that the stack instance is associated with.

Type: String

Pattern: `^[0-9]{12}$`

Required: No

#### Region

The name of the AWS Region that the stack instance is associated with.

Type: String

Required: No

#### StackInstanceStatus

The status of the stack instance, in terms of its synchronization with its associated stack set.

- **INOPERABLE:** A `DeleteStackInstances` operation has failed and left the stack in an unstable state. Stacks in this state are excluded from further `UpdateStackSet` operations. You might need to perform a `DeleteStackInstances` operation, with `RetainStacks` set to true, to delete the stack instance, and then delete the stack manually.
- **OUTDATED:** The stack isn't currently up to date with the stack set because either the associated stack failed during a `CreateStackSet` or `UpdateStackSet` operation, or the stack was part of a `CreateStackSet` or `UpdateStackSet` operation that failed or was stopped before the stack was created or updated.
- **CURRENT:** The stack is currently up to date with the stack set.

Type: String

Valid Values: `CURRENT` | `OUTDATED` | `INOPERABLE`

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## Tag

Service: AWS Service Catalog

Information about a tag. A tag is a key-value pair. Tags are propagated to the resources created when provisioning a product.

### Contents

#### Key

The tag key.

Type: String

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

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

Required: Yes

#### Value

The value for this key.

Type: String

Length Constraints: Minimum length of 1. 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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## TagOptionDetail

Service: AWS Service Catalog

Information about a TagOption.

### Contents

#### Active

The TagOption active state.

Type: Boolean

Required: No

#### Id

The TagOption identifier.

Type: String

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

Required: No

#### Key

The TagOption key.

Type: String

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

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

Required: No

#### Owner

The AWS account Id of the owner account that created the TagOption.

Type: String

Required: No

#### Value

The TagOption value.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

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

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## TagOptionSummary

Service: AWS Service Catalog

Summary information about a TagOption.

### Contents

#### Key

The TagOption key.

Type: String

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

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

Required: No

#### Values

The TagOption value.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 256.

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

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)



## UpdateProvisioningParameter

Service: AWS Service Catalog

The parameter key-value pair used to update a provisioned product.

### Contents

#### Key

The parameter key.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Required: No

#### UsePreviousValue

If set to true, `value` is ignored and the previous parameter value is kept.

Type: Boolean

Required: No

#### Value

The parameter value.

Type: String

Length Constraints: Maximum length of 4096.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## UpdateProvisioningPreferences

Service: AWS Service Catalog

The user-defined preferences that will be applied when updating a provisioned product. Not all preferences are applicable to all provisioned product types.

### Contents

#### StackSetAccounts

One or more AWS accounts that will have access to the provisioned product.

Applicable only to a `CFN_STACKSET` provisioned product type.

The AWS accounts specified should be within the list of accounts in the `STACKSET` constraint. To get the list of accounts in the `STACKSET` constraint, use the `DescribeProvisioningParameters` operation.

If no values are specified, the default value is all accounts from the `STACKSET` constraint.

Type: Array of strings

Pattern: `^[0-9]{1,2}$`

Required: No

#### StackSetFailureToleranceCount

The number of accounts, per Region, for which this operation can fail before AWS Service Catalog stops the operation in that Region. If the operation is stopped in a Region, AWS Service Catalog doesn't attempt the operation in any subsequent Regions.

Applicable only to a `CFN_STACKSET` provisioned product type.

Conditional: You must specify either `StackSetFailureToleranceCount` or `StackSetFailureTolerancePercentage`, but not both.

The default value is 0 if no value is specified.

Type: Integer

Valid Range: Minimum value of 0.

Required: No

#### StackSetFailureTolerancePercentage

The percentage of accounts, per Region, for which this stack operation can fail before AWS Service Catalog stops the operation in that Region. If the operation is stopped in a Region, AWS Service Catalog doesn't attempt the operation in any subsequent Regions.

When calculating the number of accounts based on the specified percentage, AWS Service Catalog rounds down to the next whole number.

Applicable only to a `CFN_STACKSET` provisioned product type.

Conditional: You must specify either `StackSetFailureToleranceCount` or `StackSetFailureTolerancePercentage`, but not both.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 100.

Required: No

### **StackSetMaxConcurrencyCount**

The maximum number of accounts in which to perform this operation at one time. This is dependent on the value of `StackSetFailureToleranceCount`. `StackSetMaxConcurrentCount` is at most one more than the `StackSetFailureToleranceCount`.

Note that this setting lets you specify the maximum for operations. For large deployments, under certain circumstances the actual number of accounts acted upon concurrently may be lower due to service throttling.

Applicable only to a `CFN_STACKSET` provisioned product type.

Conditional: You must specify either `StackSetMaxConcurrentCount` or `StackSetMaxConcurrentPercentage`, but not both.

Type: Integer

Valid Range: Minimum value of 1.

Required: No

### **StackSetMaxConcurrencyPercentage**

The maximum percentage of accounts in which to perform this operation at one time.

When calculating the number of accounts based on the specified percentage, AWS Service Catalog rounds down to the next whole number. This is true except in cases where rounding down would result is zero. In this case, AWS Service Catalog sets the number as 1 instead.

Note that this setting lets you specify the maximum for operations. For large deployments, under certain circumstances the actual number of accounts acted upon concurrently may be lower due to service throttling.

Applicable only to a `CFN_STACKSET` provisioned product type.

Conditional: You must specify either `StackSetMaxConcurrentCount` or `StackSetMaxConcurrentPercentage`, but not both.

Type: Integer

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

Required: No

### **StackSetOperationType**

Determines what action AWS Service Catalog performs to a stack set or a stack instance represented by the provisioned product. The default value is `UPDATE` if nothing is specified.

Applicable only to a `CFN_STACKSET` provisioned product type.

**CREATE**

Creates a new stack instance in the stack set represented by the provisioned product. In this case, only new stack instances are created based on accounts and Regions; if new `ProductId` or `ProvisioningArtifactID` are passed, they will be ignored.

**UPDATE**

Updates the stack set represented by the provisioned product and also its stack instances.

**DELETE**

Deletes a stack instance in the stack set represented by the provisioned product.

Type: String

Valid Values: CREATE | UPDATE | DELETE

Required: No

### **StackSetRegions**

One or more AWS Regions where the provisioned product will be available.

Applicable only to a CFN\_STACKSET provisioned product type.

The specified Regions should be within the list of Regions from the STACKSET constraint. To get the list of Regions in the STACKSET constraint, use the `DescribeProvisioningParameters` operation.

If no values are specified, the default value is all Regions from the STACKSET constraint.

Type: Array of strings

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## UsageInstruction

Service: AWS Service Catalog

Additional information provided by the administrator.

### Contents

#### Type

The usage instruction type for the value.

Type: String

Required: No

#### Value

The usage instruction value for this type.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## AWS Service Catalog App Registry

The following data types are supported by AWS Service Catalog App Registry:

- [Application](#) (p. 395)
- [ApplicationSummary](#) (p. 397)
- [AttributeGroup](#) (p. 399)
- [AttributeGroupSummary](#) (p. 401)
- [Integrations](#) (p. 403)
- [Resource](#) (p. 404)
- [ResourceGroup](#) (p. 405)
- [ResourceInfo](#) (p. 406)
- [ResourceIntegrations](#) (p. 407)

## Application

Service: AWS Service Catalog App Registry

Represents a AWS Service Catalog AppRegistry application that is the top-level node in a hierarchy of related cloud resource abstractions.

### Contents

#### **arn**

The Amazon resource name (ARN) that specifies the application across services.

Type: String

Pattern: `arn:aws[-a-z]*:servicecatalog:[a-z]{2}(-gov)?-[-a-z]+-\d:\d{12}:/applications/[a-z0-9]+`

Required: No

#### **creationTime**

The ISO-8601 formatted timestamp of the moment when the application was created.

Type: Timestamp

Required: No

#### **description**

The description of the application.

Type: String

Length Constraints: Maximum length of 1024.

Required: No

#### **id**

The identifier of the application.

Type: String

Length Constraints: Fixed length of 26.

Pattern: `[a-z0-9]+`

Required: No

#### **lastUpdateTime**

The ISO-8601 formatted timestamp of the moment when the application was last updated.

Type: Timestamp

Required: No

#### **name**

The name of the application. The name must be unique in the region in which you are creating the application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[ - . \w ] +`

Required: No

#### **tags**

Key-value pairs you can use to associate with the application.

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: `( ? !aws : ) [ a - z A - Z + - = . _ : / ] +`

Value Length Constraints: Maximum length of 256.

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

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ApplicationSummary

Service: AWS Service Catalog App Registry

Summary of a AWS Service Catalog AppRegistry application.

### Contents

#### **arn**

The Amazon resource name (ARN) that specifies the application across services.

Type: String

Pattern: `arn:aws[-a-z]*:servicecatalog:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:/applications/[a-z0-9]+`

Required: No

#### **creationTime**

The ISO-8601 formatted timestamp of the moment when the application was created.

Type: Timestamp

Required: No

#### **description**

The description of the application.

Type: String

Length Constraints: Maximum length of 1024.

Required: No

#### **id**

The identifier of the application.

Type: String

Length Constraints: Fixed length of 26.

Pattern: `[a-z0-9]+`

Required: No

#### **lastUpdateTime**

The ISO-8601 formatted timestamp of the moment when the application was last updated.

Type: Timestamp

Required: No

#### **name**

The name of the application. The name must be unique in the region in which you are creating the application.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.



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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## AttributeGroup

Service: AWS Service Catalog App Registry

Represents a AWS Service Catalog AppRegistry attribute group that is rich metadata which describes an application and its components.

### Contents

#### **arn**

The Amazon resource name (ARN) that specifies the attribute group across services.

Type: String

Pattern: `arn:aws[-a-z]*:servicecatalog:[a-z]{2}(-gov)?-[-a-z]+-\d:\d{12}:/attribute-groups/[a-z0-9]+`

Required: No

#### **creationTime**

The ISO-8601 formatted timestamp of the moment the attribute group was created.

Type: Timestamp

Required: No

#### **description**

The description of the attribute group that the user provides.

Type: String

Length Constraints: Maximum length of 1024.

Required: No

#### **id**

The globally unique attribute group identifier of the attribute group.

Type: String

Length Constraints: Fixed length of 26.

Pattern: `[a-z0-9]+`

Required: No

#### **lastUpdateTime**

The ISO-8601 formatted timestamp of the moment the attribute group was last updated. This time is the same as the creationTime for a newly created attribute group.

Type: Timestamp

Required: No

#### **name**

The name of the attribute group.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[ - . \w ] +`

Required: No

#### **tags**

Key-value pairs you can use to associate with the attribute group.

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: `( ? !aws : ) [ a - z A - Z + - = . _ : / ] +`

Value Length Constraints: Maximum length of 256.

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

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## AttributeGroupSummary

Service: AWS Service Catalog App Registry

Summary of a AWS Service Catalog AppRegistry attribute group.

### Contents

#### **arn**

The Amazon resource name (ARN) that specifies the attribute group across services.

Type: String

Pattern: `arn:aws[-a-z]*:servicecatalog:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:/attribute-groups/[a-z0-9]+`

Required: No

#### **creationTime**

The ISO-8601 formatted timestamp of the moment the attribute group was created.

Type: Timestamp

Required: No

#### **description**

The description of the attribute group that the user provides.

Type: String

Length Constraints: Maximum length of 1024.

Required: No

#### **id**

The globally unique attribute group identifier of the attribute group.

Type: String

Length Constraints: Fixed length of 26.

Pattern: `[a-z0-9]+`

Required: No

#### **lastUpdateTime**

The ISO-8601 formatted timestamp of the moment the attribute group was last updated. This time is the same as the creationTime for a newly created attribute group.

Type: Timestamp

Required: No

#### **name**

The name of the attribute group.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## Integrations

Service: AWS Service Catalog App Registry

The information about the service integration.

### Contents

#### **resourceGroup**

The information about the resource group integration.

Type: [ResourceGroup](#) (p. 405) 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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## Resource

Service: AWS Service Catalog App Registry

The information about the resource.

## Contents

### **arn**

The Amazon resource name (ARN) of the resource.

Type: String

Pattern: `arn:aws[-a-z]*:cloudformation:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:stack/[a-zA-Z][-A-Za-z0-9]{0,127}/[0-9a-f]{8}(-[0-9a-f]{4}){3}-[0-9a-f]{12}`

Required: No

### **associationTime**

The time the resource was associated with the application.

Type: Timestamp

Required: No

### **integrations**

The service integration information about the resource.

Type: [ResourceIntegrations](#) (p. 407) object

Required: No

### **name**

The name of the resource.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ResourceGroup

Service: AWS Service Catalog App Registry

The information about the resource group integration.

### Contents

#### **arn**

The Amazon resource name (ARN) of the resource group.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1600.

Pattern: `arn:(aws[a-zA-Z0-9-]*):([a-zA-Z0-9\-.]+):([a-z]{2}(-gov)?-[a-z]+-\d{1})?:([a-z]{12})?:([a-z]{1,2})`

Required: No

#### **errorMessage**

The error message that generates when the propagation process for the resource group fails.

Type: String

Required: No

#### **state**

The state of the propagation process for the resource group. The states includes:

`CREATING` if the resource group is in the process of being created.

`CREATE_COMPLETE` if the resource group was created successfully.

`CREATE_FAILED` if the resource group failed to be created.

`UPDATING` if the resource group is in the process of being updated.

`UPDATE_COMPLETE` if the resource group updated successfully.

`UPDATE_FAILED` if the resource group could not update successfully.

Type: String

Valid Values: `CREATING` | `CREATE_COMPLETE` | `CREATE_FAILED` | `UPDATING` | `UPDATE_COMPLETE` | `UPDATE_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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)



## ResourceInfo

Service: AWS Service Catalog App Registry

The information about the resource.

### Contents

#### **arn**

The Amazon resource name (ARN) that specifies the resource across services.

Type: String

Pattern: `arn:aws[-a-z]*:cloudformation:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:stack/[a-zA-Z][-A-Za-z0-9]{0,127}/[0-9a-f]{8}(-[0-9a-f]{4}){3}-[0-9a-f]{12}`

Required: No

#### **name**

The name of the resource.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## ResourceIntegrations

Service: AWS Service Catalog App Registry

The service integration information about the resource.

### Contents

#### **resourceGroup**

The information about the integration of Resource Groups.

Type: [ResourceGroup](#) (p. 405) 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 Go](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# Logging AWS Service Catalog API Calls with AWS CloudTrail

CloudTrail is enabled on your AWS account when you create the account. When activity occurs in AWS Service Catalog, that activity is recorded in a CloudTrail event along with other AWS service events in **Event history**. You can view, search, and download recent events in your AWS account. For more information, see [Viewing Events with CloudTrail Event History](#).

For an ongoing record of events in your AWS account, including events for AWS Service Catalog, create a trail. A *trail* enables CloudTrail to deliver log files to an Amazon S3 bucket. By default, when you create a trail in the console, the trail applies to all AWS Regions. The trail logs events from all Regions in the AWS partition and delivers the log files to the Amazon S3 bucket that you specify. Additionally, you can configure other AWS services to further analyze and act upon the event data collected in CloudTrail logs. For more information, see the following:

- [Overview for Creating a Trail](#)
- [CloudTrail Supported Services and Integrations](#)
- [Configuring Amazon SNS Notifications for CloudTrail](#)
- [Receiving CloudTrail Log Files from Multiple Regions](#) and [Receiving CloudTrail Log Files from Multiple Accounts](#)

All AWS Service Catalog actions are logged by CloudTrail and are documented in the [AWS Service Catalog Developer Guide](#). For example, calls to the `SearchProducts`, `ListLaunchPaths` and `ListLaunchPaths` actions generate entries in the CloudTrail log files.

Every event or log entry contains information about who generated the request. The identity information helps you determine whether:

- Root or AWS Identity and Access Management (IAM) user credentials made the request.
- Temporary security credentials for a role or federated user made the request.
- Another AWS service made the request.

For more information, see the [CloudTrail userIdentity Element](#).