aws

API Reference

Quick Setup



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Quick Setup: API Reference

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Welcome

Quick Setup helps you quickly configure frequently used services and features with recommended best practices. Quick Setup simplifies setting up services, including Systems Manager, by automating common or recommended tasks.

This document was last published on November 14, 2026.

Actions

The following actions are supported:

- CreateConfigurationManager
- DeleteConfigurationManager
- GetConfiguration
- GetConfigurationManager
- GetServiceSettings
- ListConfigurationManagers
- ListConfigurations
- ListQuickSetupTypes
- ListTagsForResource
- TagResource
- UntagResource
- UpdateConfigurationDefinition
- UpdateConfigurationManager
- UpdateServiceSettings

CreateConfigurationManager

Creates a Quick Setup configuration manager resource. This object is a collection of desired state configurations for multiple configuration definitions and summaries describing the deployments of those definitions.

Request Syntax

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

{
   "ConfigurationDefinitions": [
      {
         "LocalDeploymentAdministrationRoleArn": "string",
         "LocalDeploymentExecutionRoleName": "string",
         "Parameters": {
            "string" : "string"
         },
         "Type": "string",
         "TypeVersion": "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.

ConfigurationDefinitions

The definition of the Quick Setup configuration that the configuration manager deploys.

Type: Array of ConfigurationDefinitionInput objects

Required: Yes

Description

A description of the configuration manager.

Type: String

Pattern: `.{0,512}`

Required: No

Name

A name for the configuration manager.

Type: String

Pattern: `[ A-Za-z0-9._-]{0,120}`

Required: No

Tags

Key-value pairs of metadata to assign to the configuration manager.

Type: String to string map

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

Key Pattern: `[A-Za-z0-9 _=@:.+-/]+`

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Value Pattern: `[A-Za-z0-9 _=@:.+-/]+`

Required: No

Response Syntax

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

```
{
   "ManagerArn": "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.

ManagerArn

The ARN for the newly created configuration manager.

Type: String

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerException

An error occurred on the server side.

HTTP Status Code: 500

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

HTTP Status Code: 400

See Also

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

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

DeleteConfigurationManager

Deletes a configuration manager.

Request Syntax

```
DELETE /configurationManager/ManagerArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ManagerArn

The ID of the configuration manager.

Pattern: `arn:aws(-cn|-us-gov)?:ssm-quicksetup:([^:]+):(\d{12}):configuration-manager/[0-9a-fA-F]{8}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{12}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerException

An error occurred on the server side.

HTTP Status Code: 500

ResourceNotFoundException

The resource couldn't be found. Check the ID or name and try again.

HTTP Status Code: 404

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

HTTP Status Code: 400

See Also

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- AWS SDK for C++

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

GetConfiguration

Returns details about the specified configuration.

Request Syntax

```
GET /getConfiguration/ConfigurationId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ConfigurationId

A service generated identifier for the configuration.

Pattern: `[a-zA-Z0-9-_/:]{1,100}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
   "Account": "string",
   "ConfigurationDefinitionId": "string",
   "CreatedAt": "string",
   "Id": "string",
   "LastModifiedAt": "string",
   "ManagerArn": "string",
   "Parameters": {
      "string" : "string"
   },
   "Region": "string",
```

```
   "StatusSummaries": [
      {
         "LastUpdatedAt": "string",
         "Status": "string",
         "StatusDetails": {
            "string" : "string"
         },
         "StatusMessage": "string",
         "StatusType": "string"
      }
   ],
   "Type": "string",
   "TypeVersion": "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.

Account

The ID of the AWS account where the configuration was deployed.

Type: String

ConfigurationDefinitionId

The ID of the configuration definition.

Type: String

CreatedAt

The datetime stamp when the configuration manager was created.

Type: Timestamp

Id

A service generated identifier for the configuration.

Type: String

LastModifiedAt

The datetime stamp when the configuration manager was last updated.

Type: Timestamp

ManagerArn

The ARN of the configuration manager.

Type: String

Parameters

The parameters for the configuration definition type.

Type: String to string map

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

Key Pattern: `[A-Za-z0-9+=@_\/\s-]+`

Value Length Constraints: Minimum length of 0. Maximum length of 40960.

Region

The AWS Region where the configuration was deployed.

Type: String

StatusSummaries

A summary of the state of the configuration manager. This includes deployment statuses, association statuses, drift statuses, health checks, and more.

Type: Array of StatusSummary objects

Type

The type of the Quick Setup configuration.

Type: String

TypeVersion

The version of the Quick Setup type used.

Type: String

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerException

An error occurred on the server side.

HTTP Status Code: 500

ResourceNotFoundException

The resource couldn't be found. Check the ID or name and try again.

HTTP Status Code: 404

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

HTTP Status Code: 400

See Also

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

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

GetConfigurationManager

Returns a configuration manager.

Request Syntax

```
GET /configurationManager/ManagerArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ManagerArn

The ARN of the configuration manager.

Length Constraints: Minimum length of 1.

Pattern: `arn:aws(-cn|-us-gov)?:ssm-quicksetup:([^:]+):(\d{12}):configuration-manager/[0-9a-fA-F]{8}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{12}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
   "ConfigurationDefinitions": [
      {
         "Id": "string",
         "LocalDeploymentAdministrationRoleArn": "string",
         "LocalDeploymentExecutionRoleName": "string",
         "Parameters": {
```

```
            "string" : "string"
         },
         "Type": "string",
         "TypeVersion": "string"
      }
   ],
   "CreatedAt": "string",
   "Description": "string",
   "LastModifiedAt": "string",
   "ManagerArn": "string",
   "Name": "string",
   "StatusSummaries": [
      {
         "LastUpdatedAt": "string",
         "Status": "string",
         "StatusDetails": {
            "string" : "string"
         },
         "StatusMessage": "string",
         "StatusType": "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.

ConfigurationDefinitions

The configuration definitions association with the configuration manager.

Type: Array of ConfigurationDefinition objects

CreatedAt

The datetime stamp when the configuration manager was created.

Type: Timestamp

Description

The description of the configuration manager.

Type: String

LastModifiedAt

The datetime stamp when the configuration manager was last updated.

Type: Timestamp

ManagerArn

The ARN of the configuration manager.

Type: String

Name

The name of the configuration manager.

Type: String

StatusSummaries

A summary of the state of the configuration manager. This includes deployment statuses, association statuses, drift statuses, health checks, and more.

Type: Array of StatusSummary objects

Tags

Key-value pairs of metadata to assign to the configuration manager.

Type: String to string map

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

Key Pattern: `[A-Za-z0-9 _=@:.+-/]+`

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Value Pattern: `[A-Za-z0-9 _=@:.+-/]+`

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerException

An error occurred on the server side.

HTTP Status Code: 500

ResourceNotFoundException

The resource couldn't be found. Check the ID or name and try again.

HTTP Status Code: 404

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

HTTP Status Code: 400

See Also

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

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

GetServiceSettings

Returns settings configured for Quick Setup in the requesting AWS account and AWS Region.

Request Syntax

```
GET /serviceSettings HTTP/1.1
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request does not have a request body.

Response Syntax

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

{
   "ServiceSettings": {
      "ExplorerEnablingRoleArn": "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.

ServiceSettings

Returns details about the settings for Quick Setup in the requesting AWS account and AWS Region.

Type: ServiceSettings object

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerException

An error occurred on the server side.

HTTP Status Code: 500

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

See Also

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

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

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

ListConfigurationManagers

Returns Quick Setup configuration managers that were created using the `CreateConfigurationManager` API action.

Request Syntax

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

{
   "Filters": [
      {
         "Key": "string",
         "Values": [ "string" ]
      }
   ],
   "MaxItems": number,
   "StartingToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

Filters

Filters the results returned by the request.

Type: Array of Filter objects

Required: No

MaxItems

Specifies the maximum number of configuration managers that are returned by the request.

Type: Integer

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

Required: No

StartingToken

The token to use when requesting a specific set of items from a list.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1024.

Pattern: `[A-Za-z0-9+=@_\/\s-]*`

Required: No

Response Syntax

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

{
   "ConfigurationManagersList": [
      {
         "ConfigurationDefinitionSummaries": [
            {
               "FirstClassParameters": {
                  "string" : "string"
               },
               "Id": "string",
               "Type": "string",
               "TypeVersion": "string"
            }
         ],
         "Description": "string",
         "ManagerArn": "string",
         "Name": "string",
         "StatusSummaries": [
            {
               "LastUpdatedAt": "string",
               "Status": "string",
               "StatusDetails": {
                  "string" : "string"
```

```
                },
                "StatusMessage": "string",
                "StatusType": "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.

ConfigurationManagersList

The configuration managers returned by the request.

Type: Array of ConfigurationManagerSummary objects

NextToken

The token to use when requesting the next set of configuration managers. If there are no additional operations to return, the string is empty.

Type: String

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerException

An error occurred on the server side.

HTTP Status Code: 500

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

HTTP Status Code: 400

See Also

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

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

ListConfigurations

Returns configurations deployed by Quick Setup in the requesting AWS account and AWS Region.

Request Syntax

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

{
   "ConfigurationDefinitionId": "string",
   "Filters": [
      {
         "Key": "string",
         "Values": [ "string" ]
      }
   ],
   "ManagerArn": "string",
   "MaxItems": number,
   "StartingToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ConfigurationDefinitionId

The ID of the configuration definition.

Type: String

Pattern: `[a-z0-9-]{1,20}`

Required: No

Filters

Filters the results returned by the request.

Type: Array of Filter objects

Required: No

ManagerArn

The ARN of the configuration manager.

Type: String

Pattern: `arn:aws:ssm-quicksetup:([^:]+):(\d{12}):configuration-manager/[0-9a-fA-F]{8}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{12}`

Required: No

MaxItems

Specifies the maximum number of configurations that are returned by the request.

Type: Integer

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

Required: No

StartingToken

The token to use when requesting a specific set of items from a list.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1024.

Pattern: `[A-Za-z0-9+=@_|\/\s-]*`

Required: No

Response Syntax

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

{
   "ConfigurationsList": [
```

```
      {
         "Account": "string",
         "ConfigurationDefinitionId": "string",
         "CreatedAt": "string",
         "FirstClassParameters": {
            "string" : "string"
         },
         "Id": "string",
         "ManagerArn": "string",
         "Region": "string",
         "StatusSummaries": [
            {
               "LastUpdatedAt": "string",
               "Status": "string",
               "StatusDetails": {
                  "string" : "string"
               },
               "StatusMessage": "string",
               "StatusType": "string"
            }
         ],
         "Type": "string",
         "TypeVersion": "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.

ConfigurationsList

An array of configurations.

Type: Array of ConfigurationSummary objects

NextToken

The token to use when requesting the next set of items. If there are no additional items to return, the string is empty.

Type: String

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

InternalServerException

An error occurred on the server side.

HTTP Status Code: 500

ResourceNotFoundException

The resource couldn't be found. Check the ID or name and try again.

HTTP Status Code: 404

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

HTTP Status Code: 400

See Also

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

- AWS Command Line Interface V2

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

ListQuickSetupTypes

Returns the available Quick Setup types.

Request Syntax

```
GET /listQuickSetupTypes HTTP/1.1
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request does not have a request body.

Response Syntax

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

{
   "QuickSetupTypeList": [
      {
         "LatestVersion": "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.

QuickSetupTypeList

An array of Quick Setup types.

Type: Array of QuickSetupTypeOutput objects

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerException

An error occurred on the server side.

HTTP Status Code: 500

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

See Also

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- AWS SDK for JavaScript V3
- AWS SDK for Kotlin

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

ListTagsForResource

Returns tags assigned to the resource.

Request Syntax

```
GET /tags/ResourceArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ResourceArn

The ARN of the resource the tag is assigned to.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
   "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.

Tags

Key-value pairs of metadata assigned to the resource.

Type: Array of TagEntry objects

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerException

An error occurred on the server side.

HTTP Status Code: 500

ResourceNotFoundException

The resource couldn't be found. Check the ID or name and try again.

HTTP Status Code: 404

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

HTTP Status Code: 400

See Also

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

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

TagResource

Assigns key-value pairs of metadata to AWS resources.

Request Syntax

```
PUT /tags/ResourceArn HTTP/1.1
Content-type: application/json

{
   "Tags": {
      "string" : "string"
   }
}
```

URI Request Parameters

The request uses the following URI parameters.

ResourceArn

The ARN of the resource to tag.

Required: Yes

Request Body

The request accepts the following data in JSON format.

Tags

Key-value pairs of metadata to assign to the resource.

Type: String to string map

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

Key Pattern: `[A-Za-z0-9 _=@:.+-/]+`

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Value Pattern: `[A-Za-z0-9 _=@:.+-/]+`

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerException

An error occurred on the server side.

HTTP Status Code: 500

ResourceNotFoundException

The resource couldn't be found. Check the ID or name and try again.

HTTP Status Code: 404

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

HTTP Status Code: 400

See Also

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

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

UntagResource

Removes tags from the specified resource.

Request Syntax

```
DELETE /tags/ResourceArn?tagKeys=TagKeys HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ResourceArn

The ARN of the resource to remove tags from.

Required: Yes

TagKeys

The keys of the tags to remove from the resource.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerException

An error occurred on the server side.

HTTP Status Code: 500

ResourceNotFoundException

The resource couldn't be found. Check the ID or name and try again.

HTTP Status Code: 404

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

HTTP Status Code: 400

See Also

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

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

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

UpdateConfigurationDefinition

Updates a Quick Setup configuration definition.

Request Syntax

```
PUT /configurationDefinition/ManagerArn/Id HTTP/1.1
Content-type: application/json

{
   "LocalDeploymentAdministrationRoleArn": "string",
   "LocalDeploymentExecutionRoleName": "string",
   "Parameters": {
      "string" : "string"
   },
   "TypeVersion": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

Id

The ID of the configuration definition you want to update.

Pattern: `[a-z0-9-]{1,20}`

Required: Yes

ManagerArn

The ARN of the configuration manager associated with the definition to update.

Pattern: `arn:aws(-cn|-us-gov)?:ssm-quicksetup:([^:]+):(\d{12}):configuration-manager/[0-9a-fA-F]{8}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{12}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

LocalDeploymentAdministrationRoleArn

The ARN of the IAM role used to administrate local configuration deployments.

> **Note**
>
> Although this element is listed as "Required: No", a value can be omitted only for organizational deployments of types other than `AWSQuickSetupType-PatchPolicy`. A value must be provided when you are running an organizational deployment for a patch policy or running any type of deployment for a single account.

Type: String

Pattern: `arn:aws(-cn|-us-gov)?:iam::\d{12}:role/?[a-zA-Z_0-9+=,.@\-_/]+.*`

Required: No

LocalDeploymentExecutionRoleName

The name of the IAM role used to deploy local configurations.

> **Note**
>
> Although this element is listed as "Required: No", a value can be omitted only for organizational deployments of types other than `AWSQuickSetupType-PatchPolicy`. A value must be provided when you are running an organizational deployment for a patch policy or running any type of deployment for a single account.

Type: String

Pattern: `([\w+=,.@\/-]{1,512}\/)?[\w+=,.@-]{1,64}`

Required: No

Parameters

The parameters for the configuration definition type.

Type: String to string map

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

Key Pattern: `[A-Za-z0-9+=@_\/\s-]+`

Value Length Constraints: Minimum length of 0. Maximum length of 40960.

Required: No

TypeVersion

The version of the Quick Setup type to use.

Type: String

Pattern: `\d{1,3}(\.\d{1,3})?$|^LATEST`

Required: No

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerException

An error occurred on the server side.

HTTP Status Code: 500

ResourceNotFoundException

The resource couldn't be found. Check the ID or name and try again.

HTTP Status Code: 404

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

HTTP Status Code: 400

See Also

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

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

UpdateConfigurationManager

Updates a Quick Setup configuration manager.

Request Syntax

```
PUT /configurationManager/ManagerArn HTTP/1.1
Content-type: application/json

{
   "Description": "string",
   "Name": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

ManagerArn

The ARN of the configuration manager.

Pattern: `arn:aws(-cn|-us-gov)?:ssm-quicksetup:([^:]+):(\d{12}):configuration-manager/[0-9a-fA-F]{8}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{4}\b-[0-9a-fA-F]{12}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

Description

A description of the configuration manager.

Type: String

Pattern: `.{0,512}`

Required: No

Name

A name for the configuration manager.

Type: String

Pattern: `[ A-Za-z0-9._-]{0,120}`

Required: No

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerException

An error occurred on the server side.

HTTP Status Code: 500

ResourceNotFoundException

The resource couldn't be found. Check the ID or name and try again.

HTTP Status Code: 404

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

HTTP Status Code: 400

See Also

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

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

UpdateServiceSettings

Updates settings configured for Quick Setup.

Request Syntax

```
PUT /serviceSettings HTTP/1.1
Content-type: application/json

{
   "ExplorerEnablingRoleArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ExplorerEnablingRoleArn

The IAM role used to enable Explorer.

Type: String

Pattern: `arn:aws(-cn|-us-gov)?:iam::\d{12}:role/?[a-zA-Z_0-9+=,.@\-_/]+.*`

Required: No

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

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

AccessDeniedException

The requester has insufficient permissions to perform the operation.

HTTP Status Code: 403

ConflictException

Another request is being processed. Wait a few minutes and try again.

HTTP Status Code: 409

InternalServerException

An error occurred on the server side.

HTTP Status Code: 500

ThrottlingException

The request or operation exceeds the maximum allowed request rate per AWS account and AWS Region.

HTTP Status Code: 429

ValidationException

The request is invalid. Verify the values provided for the request parameters are accurate.

HTTP Status Code: 400

See Also

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

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

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

Data Types

The AWS Systems Manager QuickSetup API contains several data types that various actions use. This section describes each data type in detail.

> **Note**
>
> The order of each element in a data type structure is not guaranteed. Applications should not assume a particular order.

The following data types are supported:

- ConfigurationDefinition
- ConfigurationDefinitionInput
- ConfigurationDefinitionSummary
- ConfigurationManagerSummary
- ConfigurationSummary
- Filter
- QuickSetupTypeOutput
- ServiceSettings
- StatusSummary
- TagEntry

ConfigurationDefinition

The definition of a Quick Setup configuration.

Contents

Parameters

A list of key-value pairs containing the required parameters for the configuration type.

Type: String to string map

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

Key Pattern: `[A-Za-z0-9+=@_\/\s-]+`

Value Length Constraints: Minimum length of 0. Maximum length of 40960.

Required: Yes

Type

The type of the Quick Setup configuration.

Type: String

Pattern: `[a-zA-Z0-9_\-.:/]{3,200}`

Required: Yes

Id

The ID of the configuration definition.

Type: String

Required: No

LocalDeploymentAdministrationRoleArn

The ARN of the IAM role used to administrate local configuration deployments.

> **Note**
>
> Although this element is listed as "Required: No", a value can be omitted only for organizational deployments of types other than `AWSQuickSetupType-PatchPolicy`.

A value must be provided when you are running an organizational deployment for a patch policy or running any type of deployment for a single account.

Type: String

Pattern: `arn:aws(-cn|-us-gov)?:iam::\d{12}:role/?[a-zA-Z_0-9+=,.@\-_/]+.*`

Required: No

LocalDeploymentExecutionRoleName

The name of the IAM role used to deploy local configurations.

Note

Although this element is listed as "Required: No", a value can be omitted only for organizational deployments of types other than `AWSQuickSetupType-PatchPolicy`. A value must be provided when you are running an organizational deployment for a patch policy or running any type of deployment for a single account.

Type: String

Pattern: `([\w+=,.@\/-]{1,512}\/)?[\w+=,.@-]{1,64}`

Required: No

TypeVersion

The version of the Quick Setup type used.

Type: String

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ConfigurationDefinitionInput

Defines the preferences and options for a configuration definition.

Contents

Parameters

The parameters for the configuration definition type. Parameters for configuration definitions vary based the configuration type. The following lists outline the parameters for each configuration type.

AWS Config Recording (Type: AWSQuickSetupType-CFGRecording)

- `RecordAllResources`
  - Description: (Optional) A boolean value that determines whether all supported resources are recorded. The default value is "`true`".
- `ResourceTypesToRecord`
  - Description: (Optional) A comma separated list of resource types you want to record.
- `RecordGlobalResourceTypes`
  - Description: (Optional) A boolean value that determines whether global resources are recorded with all resource configurations. The default value is "`false`".
- `GlobalResourceTypesRegion`
  - Description: (Optional) Determines the AWS Region where global resources are recorded.
- `UseCustomBucket`
  - Description: (Optional) A boolean value that determines whether a custom Amazon S3 bucket is used for delivery. The default value is "`false`".
- `DeliveryBucketName`
  - Description: (Optional) The name of the Amazon S3 bucket you want AWS Config to deliver configuration snapshots and configuration history files to.
- `DeliveryBucketPrefix`
  - Description: (Optional) The key prefix you want to use in the custom Amazon S3 bucket.
- `NotificationOptions`

    - Description: (Optional) Determines the notification configuration for the recorder. The valid values are `NoStreaming`, `UseExistingTopic`, and `CreateTopic`. The default value is `NoStreaming`.
- `CustomDeliveryTopicAccountId`
    - Description: (Optional) The ID of the AWS account where the Amazon SNS topic you want to use for notifications resides. You must specify a value for this parameter if you use the `UseExistingTopic` notification option.
- `CustomDeliveryTopicName`
    - Description: (Optional) The name of the Amazon SNS topic you want to use for notifications. You must specify a value for this parameter if you use the `UseExistingTopic` notification option.
- `RemediationSchedule`
    - Description: (Optional) A rate expression that defines the schedule for drift remediation. The valid values are `rate(30 days)`, `rate(7 days)`, `rate(1 days)`, and none. The default value is "none".
- `TargetAccounts`
    - Description: (Optional) The ID of the AWS account initiating the configuration deployment. You only need to provide a value for this parameter if you want to deploy the configuration locally. A value must be provided for either `TargetAccounts` or `TargetOrganizationalUnits`.
- `TargetOrganizationalUnits`
    - Description: (Optional) The ID of the root of your Organization. This configuration type doesn't currently support choosing specific OUs. The configuration will be deployed to all the OUs in the Organization.
- `TargetRegions`
    - Description: (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

Change Manager (Type: AWSQuickSetupType-SSMChangeMgr)

- `DelegatedAccountId`
    - Description: (Required) The ID of the delegated administrator account.
- `JobFunction`
    - Description: (Required) The name for the Change Manager job function.

- `PermissionType`
  - Description: (Optional) Specifies whether you want to use default administrator permissions for the job function role, or provide a custom IAM policy. The valid values are `CustomPermissions` and `AdminPermissions`. The default value for the parameter is `CustomerPermissions`.
- `CustomPermissions`
  - Description: (Optional) A JSON string containing the IAM policy you want your job function to use. You must provide a value for this parameter if you specify `CustomPermissions` for the `PermissionType` parameter.
- `TargetOrganizationalUnits`
  - Description: (Required) A comma separated list of organizational units (OUs) you want to deploy the configuration to.
- `TargetRegions`
  - Description: (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

Conformance Packs (Type: AWSQuickSetupType-CFGCPacks)

- `DelegatedAccountId`
  - Description: (Optional) The ID of the delegated administrator account. This parameter is required for Organization deployments.
- `RemediationSchedule`
  - Description: (Optional) A rate expression that defines the schedule for drift remediation. The valid values are `rate(30 days)`, `rate(14 days)`, `rate(2 days)`, and none. The default value is "none".
- `CPackNames`
  - Description: (Required) A comma separated list of AWS Config conformance packs.
- `TargetAccounts`
  - Description: (Optional) The ID of the AWS account initiating the configuration deployment. You only need to provide a value for this parameter if you want to deploy the configuration locally. A value must be provided for either `TargetAccounts` or `TargetOrganizationalUnits`.
- `TargetOrganizationalUnits`

- Description: (Optional) The ID of the root of your Organization. This configuration type doesn't currently support choosing specific OUs. The configuration will be deployed to all the OUs in the Organization.

- `TargetRegions`
  - Description: (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

Default Host Management Configuration (Type: AWSQuickSetupType-DHMC)

- `UpdateSsmAgent`
  - Description: (Optional) A boolean value that determines whether the SSM Agent is updated on the target instances every 2 weeks. The default value is "`true`".
- `TargetOrganizationalUnits`
  - Description: (Required) A comma separated list of organizational units (OUs) you want to deploy the configuration to.
- `TargetRegions`
  - Description: (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

DevOps Guru (Type: AWSQuickSetupType-DevOpsGuru)

- `AnalyseAllResources`
  - Description: (Optional) A boolean value that determines whether DevOps Guru analyzes all CloudFormation stacks in the account. The default value is "`false`".
- `EnableSnsNotifications`
  - Description: (Optional) A boolean value that determines whether DevOps Guru sends notifications when an insight is created. The default value is "`true`".
- `EnableSsmOpsItems`
  - Description: (Optional) A boolean value that determines whether DevOps Guru creates an OpsCenter OpsItem when an insight is created. The default value is "`true`".
- `EnableDriftRemediation`
  - Description: (Optional) A boolean value that determines whether a drift remediation schedule is used. The default value is "`false`".
- `RemediationSchedule`

- Description: (Optional) A rate expression that defines the schedule for drift remediation. The valid values are `rate(30 days)`, `rate(14 days)`, `rate(1 days)`, and none. The default value is "none".

- `TargetAccounts`
  - Description: (Optional) The ID of the AWS account initiating the configuration deployment. You only need to provide a value for this parameter if you want to deploy the configuration locally. A value must be provided for either `TargetAccounts` or `TargetOrganizationalUnits`.
- `TargetOrganizationalUnits`
  - Description: (Optional) A comma separated list of organizational units (OUs) you want to deploy the configuration to.
- `TargetRegions`
  - Description: (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

Distributor (Type: AWSQuickSetupType-Distributor)

- `PackagesToInstall`
  - Description: (Required) A comma separated list of packages you want to install on the target instances. The valid values are `AWSEFSTools`, `AWSCWAgent`, and `AWSEC2LaunchAgent`.
- `RemediationSchedule`
  - Description: (Optional) A rate expression that defines the schedule for drift remediation. The valid values are `rate(30 days)`, `rate(14 days)`, `rate(2 days)`, and none. The default value is "`rate(30 days)`".
- `IsPolicyAttachAllowed`
  - Description: (Optional) A boolean value that determines whether Quick Setup attaches policies to instances profiles already associated with the target instances. The default value is "`false`".
- `TargetType`
  - Description: (Optional) Determines how instances are targeted for local account deployments. Don't specify a value for this parameter if you're deploying to OUs. The valid values are `*`, `InstanceIds`, `ResourceGroups`, and `Tags`. Use `*` to target all instances in the account.
- `TargetInstances`

- Description: (Optional) A comma separated list of instance IDs. You must provide a value for this parameter if you specify `InstanceIds` for the `TargetType` parameter.

- `TargetTagKey`
  - Description: (Required) The tag key assigned to the instances you want to target. You must provide a value for this parameter if you specify `Tags` for the `TargetType` parameter.
- `TargetTagValue`
  - Description: (Required) The value of the tag key assigned to the instances you want to target. You must provide a value for this parameter if you specify `Tags` for the `TargetType` parameter.
- `ResourceGroupName`
  - Description: (Required) The name of the resource group associated with the instances you want to target. You must provide a value for this parameter if you specify `ResourceGroups` for the `TargetType` parameter.
- `TargetAccounts`
  - Description: (Optional) The ID of the AWS account initiating the configuration deployment. You only need to provide a value for this parameter if you want to deploy the configuration locally. A value must be provided for either `TargetAccounts` or `TargetOrganizationalUnits`.
- `TargetOrganizationalUnits`
  - Description: (Optional) A comma separated list of organizational units (OUs) you want to deploy the configuration to.
- `TargetRegions`
  - Description: (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

Host Management (Type: AWSQuickSetupType-SSMHostMgmt)

- `UpdateSsmAgent`
  - Description: (Optional) A boolean value that determines whether the SSM Agent is updated on the target instances every 2 weeks. The default value is "`true`".
- `UpdateEc2LaunchAgent`
  - Description: (Optional) A boolean value that determines whether the EC2 Launch agent is updated on the target instances every month. The default value is "`false`".

- `CollectInventory`
  - Description: (Optional) A boolean value that determines whether instance metadata is collected on the target instances every 30 minutes. The default value is "`true`".
- `ScanInstances`
  - Description: (Optional) A boolean value that determines whether the target instances are scanned daily for available patches. The default value is "`true`".
- `InstallCloudWatchAgent`
  - Description: (Optional) A boolean value that determines whether the Amazon CloudWatch agent is installed on the target instances. The default value is "`false`".
- `UpdateCloudWatchAgent`
  - Description: (Optional) A boolean value that determines whether the Amazon CloudWatch agent is updated on the target instances every month. The default value is "`false`".
- `IsPolicyAttachAllowed`
  - Description: (Optional) A boolean value that determines whether Quick Setup attaches policies to instances profiles already associated with the target instances. The default value is "`false`".
- `TargetType`
  - Description: (Optional) Determines how instances are targeted for local account deployments. Don't specify a value for this parameter if you're deploying to OUs. The valid values are `*`, `InstanceIds`, `ResourceGroups`, and `Tags`. Use `*` to target all instances in the account.
- `TargetInstances`
  - Description: (Optional) A comma separated list of instance IDs. You must provide a value for this parameter if you specify `InstanceIds` for the `TargetType` parameter.
- `TargetTagKey`
  - Description: (Optional) The tag key assigned to the instances you want to target. You must provide a value for this parameter if you specify `Tags` for the `TargetType` parameter.
- `TargetTagValue`
  - Description: (Optional) The value of the tag key assigned to the instances you want to target. You must provide a value for this parameter if you specify `Tags` for the `TargetType` parameter.

- `ResourceGroupName`
  - Description: (Optional) The name of the resource group associated with the instances you want to target. You must provide a value for this parameter if you specify `ResourceGroups` for the `TargetType` parameter.
- `TargetAccounts`
  - Description: (Optional) The ID of the AWS account initiating the configuration deployment. You only need to provide a value for this parameter if you want to deploy the configuration locally. A value must be provided for either `TargetAccounts` or `TargetOrganizationalUnits`.
- `TargetOrganizationalUnits`
  - Description: (Optional) A comma separated list of organizational units (OUs) you want to deploy the configuration to.
- `TargetRegions`
  - Description: (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

OpsCenter (Type: AWSQuickSetupType-SSMOpsCenter)

- `DelegatedAccountId`
  - Description: (Required) The ID of the delegated administrator account.
- `TargetOrganizationalUnits`
  - Description: (Required) A comma separated list of organizational units (OUs) you want to deploy the configuration to.
- `TargetRegions`
  - Description: (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

Patch Policy (Type: AWSQuickSetupType-PatchPolicy)

- `PatchPolicyName`
  - Description: (Required) A name for the patch policy. The value you provide is applied to target Amazon EC2 instances as a tag.
- `SelectedPatchBaselines`
  - Description: (Required) An array of JSON objects containing the information for the patch baselines to include in your patch policy.
- `PatchBaselineUseDefault`

- Description: (Optional) A value that determines whether the selected patch baselines are all AWS provided. Supported values are `default` and `custom`.

- `PatchBaselineRegion`
  - Description: (Required) The AWS Region where the patch baseline exist.
- `ConfigurationOptionsPatchOperation`
  - Description: (Optional) Determines whether target instances scan for available patches, or scan and install available patches. The valid values are `Scan` and `ScanAndInstall`. The default value for the parameter is `Scan`.
- `ConfigurationOptionsScanValue`
  - Description: (Optional) A cron expression that is used as the schedule for when instances scan for available patches.
- `ConfigurationOptionsInstallValue`
  - Description: (Optional) A cron expression that is used as the schedule for when instances install available patches.
- `ConfigurationOptionsScanNextInterval`
  - Description: (Optional) A boolean value that determines whether instances should scan for available patches at the next cron interval. The default value is "`false`".
- `ConfigurationOptionsInstallNextInterval`
  - Description: (Optional) A boolean value that determines whether instances should scan for available patches at the next cron interval. The default value is "`false`".
- `RebootOption`
  - Description: (Optional) Determines whether instances are rebooted after patches are installed. Valid values are `RebootIfNeeded` and `NoReboot`.
- `IsPolicyAttachAllowed`
  - Description: (Optional) A boolean value that determines whether Quick Setup attaches policies to instances profiles already associated with the target instances. The default value is "`false`".
- `OutputLogEnableS3`
  - Description: (Optional) A boolean value that determines whether command output logs are sent to Amazon S3.
- `OutputS3Location`

- Description: (Optional) Information about the Amazon S3 bucket where you want to store the output details of the request.
  - `OutputBucketRegion`
    - Description: (Optional) The AWS Region where the Amazon S3 bucket you want to deliver command output to is located.
  - `OutputS3BucketName`
    - Description: (Optional) The name of the Amazon S3 bucket you want to deliver command output to.
  - `OutputS3KeyPrefix`
    - Description: (Optional) The key prefix you want to use in the custom Amazon S3 bucket.
- `TargetType`
  - Description: (Optional) Determines how instances are targeted for local account deployments. Don't specify a value for this parameter if you're deploying to OUs. The valid values are `*`, `InstanceIds`, `ResourceGroups`, and `Tags`. Use `*` to target all instances in the account.
- `TargetInstances`
  - Description: (Optional) A comma separated list of instance IDs. You must provide a value for this parameter if you specify `InstanceIds` for the `TargetType` parameter.
- `TargetTagKey`
  - Description: (Required) The tag key assigned to the instances you want to target. You must provide a value for this parameter if you specify `Tags` for the `TargetType` parameter.
- `TargetTagValue`
  - Description: (Required) The value of the tag key assigned to the instances you want to target. You must provide a value for this parameter if you specify `Tags` for the `TargetType` parameter.
- `ResourceGroupName`
  - Description: (Required) The name of the resource group associated with the instances you want to target. You must provide a value for this parameter if you specify `ResourceGroups` for the `TargetType` parameter.
- `TargetAccounts`

- Description: (Optional) The ID of the AWS account initiating the configuration deployment. You only need to provide a value for this parameter if you want to deploy the configuration locally. A value must be provided for either `TargetAccounts` or `TargetOrganizationalUnits`.

- `TargetOrganizationalUnits`
  - Description: (Optional) A comma separated list of organizational units (OUs) you want to deploy the configuration to.
- `TargetRegions`
  - Description: (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

Resource Explorer (Type: AWSQuickSetupType-ResourceExplorer)

- `SelectedAggregatorRegion`
  - Description: (Required) The AWS Region where you want to create the aggregator index.
- `ReplaceExistingAggregator`
  - Description: (Required) A boolean value that determines whether to demote an existing aggregator if it is in a Region that differs from the value you specify for the `SelectedAggregatorRegion`.
- `TargetOrganizationalUnits`
  - Description: (Required) A comma separated list of organizational units (OUs) you want to deploy the configuration to.
- `TargetRegions`
  - Description: (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

Resource Scheduler (Type: AWSQuickSetupType-Scheduler)

- `TargetTagKey`
  - Description: (Required) The tag key assigned to the instances you want to target.
- `TargetTagValue`
  - Description: (Required) The value of the tag key assigned to the instances you want to target.
- `ICalendarString`
  - Description: (Required) An iCalendar formatted string containing the schedule you want Change Manager to use.

- `TargetAccounts`
  - Description: (Optional) The ID of the AWS account initiating the configuration deployment. You only need to provide a value for this parameter if you want to deploy the configuration locally. A value must be provided for either `TargetAccounts` or `TargetOrganizationalUnits`.
- `TargetOrganizationalUnits`
  - Description: (Optional) A comma separated list of organizational units (OUs) you want to deploy the configuration to.
- `TargetRegions`
  - Description: (Required) A comma separated list of AWS Regions you want to deploy the configuration to.

Type: String to string map

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

Key Pattern: `[A-Za-z0-9+=@_\/\s-]+`

Value Length Constraints: Minimum length of 0. Maximum length of 40960.

Required: Yes

Type

The type of the Quick Setup configuration.

Type: String

Pattern: `[a-zA-Z0-9_\-.:/]{3,200}`

Required: Yes

LocalDeploymentAdministrationRoleArn

The ARN of the IAM role used to administrate local configuration deployments.

> **Note**
>
> Although this element is listed as "Required: No", a value can be omitted only for organizational deployments of types other than `AWSQuickSetupType-PatchPolicy`.

A value must be provided when you are running an organizational deployment for a patch policy or running any type of deployment for a single account.

Type: String

Pattern: `arn:aws(-cn|-us-gov)?:iam::\d{12}:role/?[a-zA-Z_0-9+=,.@\-_/]+.*`

Required: No

LocalDeploymentExecutionRoleName

The name of the IAM role used to deploy local configurations.

Note

Although this element is listed as "Required: No", a value can be omitted only for organizational deployments of types other than `AWSQuickSetupType-PatchPolicy`. A value must be provided when you are running an organizational deployment for a patch policy or running any type of deployment for a single account.

Type: String

Pattern: `([\w+=,.@\/-]{1,512}\/)?[\w+=,.@-]{1,64}`

Required: No

TypeVersion

The version of the Quick Setup type to use.

Type: String

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

Pattern: `\d{1,3}(\.\d{1,3})?$|^LATEST`

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ConfigurationDefinitionSummary

A summarized definition of a Quick Setup configuration definition.

Contents

FirstClassParameters

The common parameters and values for the configuration definition.

Type: String to string map

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

Key Pattern: `[A-Za-z0-9+=@_\/\s-]+`

Value Length Constraints: Minimum length of 0. Maximum length of 40960.

Required: No

Id

The ID of the configuration definition.

Type: String

Required: No

Type

The type of the Quick Setup configuration used by the configuration definition.

Type: String

Required: No

TypeVersion

The version of the Quick Setup type used by the configuration definition.

Type: String

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ConfigurationManagerSummary

A summary of a Quick Setup configuration manager.

Contents

ManagerArn

The ARN of the Quick Setup configuration.

Type: String

Required: Yes

ConfigurationDefinitionSummaries

A summary of the Quick Setup configuration definition.

Type: Array of ConfigurationDefinitionSummary objects

Required: No

Description

The description of the configuration.

Type: String

Required: No

Name

The name of the configuration

Type: String

Required: No

StatusSummaries

Summaries of the state of the configuration manager. These summaries include an aggregate of the statuses from the configuration definition associated with the configuration manager. This includes deployment statuses, association statuses, drift statuses, health checks, and more.

Type: Array of StatusSummary objects

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ConfigurationSummary

Details for a Quick Setup configuration.

Contents

Account

The ID of the AWS account where the configuration was deployed.

Type: String

Required: No

ConfigurationDefinitionId

The ID of the configuration definition.

Type: String

Required: No

CreatedAt

The datetime stamp when the configuration was created.

Type: Timestamp

Required: No

FirstClassParameters

The common parameters and values for the configuration definition.

Type: String to string map

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

Key Pattern: `[A-Za-z0-9+=@_\/\s-]+`

Value Length Constraints: Minimum length of 0. Maximum length of 40960.

Required: No

Id

A service generated identifier for the configuration.

Type: String

Required: No

ManagerArn

The ARN of the configuration manager.

Type: String

Required: No

Region

The AWS Region where the configuration was deployed.

Type: String

Required: No

StatusSummaries

A summary of the state of the configuration manager. This includes deployment statuses, association statuses, drift statuses, health checks, and more.

Type: Array of StatusSummary objects

Required: No

Type

The type of the Quick Setup configuration.

Type: String

Required: No

TypeVersion

The version of the Quick Setup type used.

Type: String

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Filter

A key-value pair to filter results.

Contents

Key

The key for the filter.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

Pattern: `[A-Za-z0-9+=@_\/\s-]*`

Required: Yes

Values

The values for the filter keys.

Type: Array of strings

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: `[A-Za-z0-9+=@_\/\s-]*`

Required: Yes

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

QuickSetupTypeOutput

Information about the Quick Setup type.

Contents

LatestVersion

The latest version number of the configuration.

Type: String

Required: No

Type

The type of the Quick Setup configuration.

Type: String

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

ServiceSettings

Settings configured for Quick Setup.

Contents

ExplorerEnablingRoleArn

The IAM role used to enable Explorer.

Type: String

Pattern: `arn:aws(-cn|-us-gov)?:iam::\d{12}:role/?[a-zA-Z_0-9+=,.@\-_/]+.*`

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

StatusSummary

A summarized description of the status.

Contents

LastUpdatedAt

The datetime stamp when the status was last updated.

Type: Timestamp

Required: Yes

StatusType

The type of a status summary.

Type: String

Valid Values: `Deployment | AsyncExecutions`

Required: Yes

Status

The current status.

Type: String

Valid Values: `INITIALIZING | DEPLOYING | SUCCEEDED | DELETING | STOPPING | FAILED | STOPPED | DELETE_FAILED | STOP_FAILED | NONE`

Required: No

StatusDetails

Details about the status.

Type: String to string map

Required: No

StatusMessage

When applicable, returns an informational message relevant to the current status and status type of the status summary object. We don't recommend implementing parsing logic around this value since the messages returned can vary in format.

Type: String

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

TagEntry

Key-value pairs of metadata.

Contents

Key

The key for the tag.

Type: String

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

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

Required: No

Value

The value for the tag.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Common Parameters

The following list contains the parameters that all actions use for signing Signature Version 4 requests with a query string. Any action-specific parameters are listed in the topic for that action. For more information about Signature Version 4, see Signing AWS API requests in the *IAM User Guide*.

X-Amz-Algorithm

The hash algorithm that you used to create the request signature.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Valid Values: `AWS4-HMAC-SHA256`

Required: Conditional

X-Amz-Credential

The credential scope value, which is a string that includes your access key, the date, the region you are targeting, the service you are requesting, and a termination string ("aws4_request"). The value is expressed in the following format: *access_key*/*YYYYMMDD*/*region*/*service*/aws4_request.

For more information, see Create a signed AWS API request in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-Date

The date that is used to create the signature. The format must be ISO 8601 basic format (YYYYMMDD'T'HHMMSS'Z'). For example, the following date time is a valid X-Amz-Date value: `20120325T120000Z`.

Condition: X-Amz-Date is optional for all requests; it can be used to override the date used for signing requests. If the Date header is specified in the ISO 8601 basic format, X-Amz-Date is not required. When X-Amz-Date is used, it always overrides the value of the Date header. For more information, see Elements of an AWS API request signature in the *IAM User Guide*.

Type: string

Required: Conditional

X-Amz-Security-Token

The temporary security token that was obtained through a call to AWS Security Token Service (AWS STS). For a list of services that support temporary security credentials from AWS STS, see AWS services that work with IAM in the *IAM User Guide*.

Condition: If you're using temporary security credentials from AWS STS, you must include the security token.

Type: string

Required: Conditional

X-Amz-Signature

Specifies the hex-encoded signature that was calculated from the string to sign and the derived signing key.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-SignedHeaders

Specifies all the HTTP headers that were included as part of the canonical request. For more information about specifying signed headers, see Create a signed AWS API request in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

Common Error Types

This section lists common error types that this AWS service may return. Not all services return all error types listed here. For errors specific to an API action for this service, see the topic for that API action.

AccessDeniedException

You don't have permission to perform this action. Verify that your IAM policy includes the required permissions.

HTTP Status Code: 403

ExpiredTokenException

The security token included in the request has expired. Request a new security token and try again.

HTTP Status Code: 403

IncompleteSignature

The request signature doesn't conform to AWS standards. Verify that you're using valid AWS credentials and that your request is properly formatted. If you're using an SDK, ensure it's up to date.

HTTP Status Code: 403

InternalFailure

The request can't be processed right now because of an internal server issue. Try again later. If the problem persists, contact AWS Support.

HTTP Status Code: 500

MalformedHttpRequestException

The request body can't be processed. This typically happens when the request body can't be decompressed using the specified content encoding algorithm. Verify that the content encoding header matches the compression format used.

HTTP Status Code: 400

NotAuthorized

You don't have permissions to perform this action. Verify that your IAM policy includes the required permissions.

HTTP Status Code: 401

OptInRequired

Your AWS account needs a subscription for this service. Verify that you've enabled the service in your account.

HTTP Status Code: 403

RequestAbortedException

The request was aborted before a response could be returned. This typically happens when the client closes the connection.

HTTP Status Code: 400

RequestEntityTooLargeException

The request entity is too large. Reduce the size of the request body and try again.

HTTP Status Code: 413

RequestTimeoutException

The request timed out. The server didn't receive the complete request within the expected time frame. Try again.

HTTP Status Code: 408

ServiceUnavailable

The service is temporarily unavailable. Try again later.

HTTP Status Code: 503

ThrottlingException

Your request rate is too high. The AWS SDKs automatically retry requests that receive this exception. Reduce the frequency of requests.

HTTP Status Code: 400

UnknownOperationException

The action or operation isn't recognized. Verify that the action name is spelled correctly and that it's supported by the API version you're using.

HTTP Status Code: 404

UnrecognizedClientException

The X.509 certificate or AWS access key ID you provided doesn't exist in our records. Verify that you're using valid credentials and that they haven't expired.

HTTP Status Code: 403

ValidationError

The input doesn't meet the required format or constraints. Check that all required parameters are included and that values are valid.

HTTP Status Code: 400