



Welcome

AWS Launch Wizard



API Version 2018-05-10

Copyright © 2026 Amazon Web Services, Inc. and/or its affiliates. All rights reserved.

AWS Launch Wizard: Welcome

Copyright © 2026 Amazon Web Services, Inc. and/or its affiliates. All rights reserved.

Amazon's trademarks and trade dress may not be used in connection with any product or service that is not Amazon's, in any manner that is likely to cause confusion among customers, or in any manner that disparages or discredits Amazon. All other trademarks not owned by Amazon are the property of their respective owners, who may or may not be affiliated with, connected to, or sponsored by Amazon.

Table of Contents

Welcome	1
Actions	2
CreateDeployment	3
Request Syntax	3
URI Request Parameters	3
Request Body	3
Response Syntax	5
Response Elements	5
Errors	6
See Also	6
DeleteDeployment	8
Request Syntax	8
URI Request Parameters	8
Request Body	8
Response Syntax	8
Response Elements	9
Errors	9
See Also	10
GetDeployment	11
Request Syntax	11
URI Request Parameters	11
Request Body	11
Response Syntax	11
Response Elements	12
Errors	12
See Also	13
GetDeploymentPatternVersion	14
Request Syntax	14
URI Request Parameters	14
Request Body	14
Response Syntax	15
Response Elements	15
Errors	16
See Also	16

GetWorkload	17
Request Syntax	17
URI Request Parameters	17
Request Body	17
Response Syntax	17
Response Elements	18
Errors	18
See Also	19
GetWorkloadDeploymentPattern	20
Request Syntax	20
URI Request Parameters	20
Request Body	20
Response Syntax	21
Response Elements	21
Errors	22
See Also	22
ListDeploymentEvents	24
Request Syntax	24
URI Request Parameters	24
Request Body	24
Response Syntax	25
Response Elements	25
Errors	26
See Also	26
ListDeploymentPatternVersions	28
Request Syntax	28
URI Request Parameters	28
Request Body	28
Response Syntax	29
Response Elements	30
Errors	30
See Also	31
ListDeployments	32
Request Syntax	32
URI Request Parameters	32
Request Body	32

Response Syntax	33
Response Elements	34
Errors	34
See Also	34
ListTagsForResource	36
Request Syntax	36
URI Request Parameters	36
Request Body	36
Response Syntax	36
Response Elements	36
Errors	37
See Also	37
ListWorkloadDeploymentPatterns	39
Request Syntax	39
URI Request Parameters	39
Request Body	39
Response Syntax	40
Response Elements	40
Errors	41
See Also	41
ListWorkloads	43
Request Syntax	43
URI Request Parameters	43
Request Body	43
Response Syntax	44
Response Elements	44
Errors	44
See Also	45
TagResource	46
Request Syntax	46
URI Request Parameters	46
Request Body	46
Response Syntax	47
Response Elements	47
Errors	47
See Also	47

UntagResource	49
Request Syntax	49
URI Request Parameters	49
Request Body	49
Response Syntax	49
Response Elements	49
Errors	50
See Also	50
UpdateDeployment	51
Request Syntax	51
URI Request Parameters	51
Request Body	51
Response Syntax	53
Response Elements	53
Errors	54
See Also	54
Data Types	56
DeploymentConditionalField	57
Contents	57
See Also	57
DeploymentData	58
Contents	58
See Also	61
DeploymentDataSummary	62
Contents	62
See Also	63
DeploymentEventDataSummary	64
Contents	64
See Also	65
DeploymentFilter	66
Contents	66
See Also	66
DeploymentPatternVersionDataSummary	67
Contents	67
See Also	68
DeploymentPatternVersionFilter	69

Contents	69
See Also	69
DeploymentSpecificationsField	70
Contents	70
See Also	71
WorkloadData	72
Contents	72
See Also	73
WorkloadDataSummary	74
Contents	74
See Also	74
WorkloadDeploymentPatternData	76
Contents	76
See Also	78
WorkloadDeploymentPatternDataSummary	79
Contents	79
See Also	80
Common Parameters	82
Common Error Types	85

Welcome

AWS Launch Wizard offers a guided way of sizing, configuring, and deploying AWS resources for third party applications, such as Microsoft SQL Server Always On and HANA based SAP systems, without the need to manually identify and provision individual AWS resources.

This document was last published on September 21, 2026.

Actions

The following actions are supported:

- [CreateDeployment](#)
- [DeleteDeployment](#)
- [GetDeployment](#)
- [GetDeploymentPatternVersion](#)
- [GetWorkload](#)
- [GetWorkloadDeploymentPattern](#)
- [ListDeploymentEvents](#)
- [ListDeploymentPatternVersions](#)
- [ListDeployments](#)
- [ListTagsForResource](#)
- [ListWorkloadDeploymentPatterns](#)
- [ListWorkloads](#)
- [TagResource](#)
- [UntagResource](#)
- [UpdateDeployment](#)

CreateDeployment

Creates a deployment for the given workload. Deployments created by this operation are not available in the Launch Wizard console to use the Clone deployment action on.

Request Syntax

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

{
  "deploymentPatternName": "string",
  "dryRun": boolean,
  "name": "string",
  "specifications": {
    "string" : "string"
  },
  "tags": {
    "string" : "string"
  },
  "workloadName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

deploymentPatternName

The name of the deployment pattern supported by a given workload. You can use the [ListWorkloadDeploymentPatterns](#) operation to discover supported values for this parameter.

Type: String

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

Pattern: [A-Za-z0-9][a-zA-Z0-9-]*

Required: Yes

dryRun

Checks whether you have the required permissions for the action, without actually making the request, and provides an error response. If you have the required permissions, the error response is `DryRunOperation`. Otherwise, it is `UnauthorizedOperation`.

Type: Boolean

Required: No

name

The name of the deployment.

Type: String

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

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

Required: Yes

specifications

The settings specified for the deployment. These settings define how to deploy and configure your resources created by the deployment. For more information about the specifications required for creating a deployment for a SAP workload, see [SAP deployment specifications](#). To retrieve the specifications required to create a deployment for other workloads, use the [GetWorkloadDeploymentPattern](#) operation.

Type: String to string map

Map Entries: Maximum number of 100 items.

Key Length Constraints: Minimum length of 3. Maximum length of 256.

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

Value Length Constraints: Minimum length of 1. Maximum length of 1500.

Required: Yes

tags

The tags to add to the deployment.

Type: String to string map

Map Entries: Maximum number of 200 items.

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

Key Pattern: `(?!aws:)[a-zA-Z+-._: /]+`

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

Value Pattern: `[a-zA-Z+-._: /]*`

Required: No

workloadName

The name of the workload. You can use the [ListWorkloads](#) operation to discover supported values for this parameter.

Type: String

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

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

Required: Yes

Response Syntax

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

```
{
  "deploymentId": "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.

deploymentId

The ID of the deployment.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 128.

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

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

InternalServerError

An internal error has occurred. Retry your request, but if the problem persists, contact us with details by posting a question on [re:Post](#).

HTTP Status Code: 500

ResourceLimitException

You have exceeded an AWS Launch Wizard resource limit. For example, you might have too many deployments in progress.

HTTP Status Code: 400

ResourceNotFoundException

The specified workload or deployment resource can't be found.

HTTP Status Code: 404

ValidationException

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

HTTP Status Code: 400

See Also

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

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

DeleteDeployment

Deletes a deployment.

Request Syntax

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

{
  "deploymentId": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

deploymentId

The ID of the deployment.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 128.

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

Required: Yes

Response Syntax

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

{
  "status": "string",
```

```
"statusReason": "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.

[status](#)

The status of the deployment.

Type: String

Valid Values: COMPLETED | CREATING | DELETE_IN_PROGRESS | DELETE_INITIATING
| DELETE_FAILED | DELETED | FAILED | IN_PROGRESS | VALIDATING
| UPDATE_IN_PROGRESS | UPDATE_COMPLETED | UPDATE_FAILED |
UPDATE_ROLLBACK_COMPLETED | UPDATE_ROLLBACK_FAILED

[statusReason](#)

The reason for the deployment status.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

InternalServerError

An internal error has occurred. Retry your request, but if the problem persists, contact us with details by posting a question on [re:Post](#).

HTTP Status Code: 500

ResourceLimitException

You have exceeded an AWS Launch Wizard resource limit. For example, you might have too many deployments in progress.

HTTP Status Code: 400

ResourceNotFoundException

The specified workload or deployment resource can't be found.

HTTP Status Code: 404

ValidationException

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

HTTP Status Code: 400

See Also

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

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

GetDeployment

Returns information about the deployment.

Request Syntax

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

{
  "deploymentId": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[deploymentId](#)

The ID of the deployment.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 128.

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

Required: Yes

Response Syntax

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

{
```

```
"deployment": {
  "createdAt": number,
  "deletedAt": number,
  "deploymentArn": "string",
  "id": "string",
  "modifiedAt": number,
  "name": "string",
  "patternName": "string",
  "resourceGroup": "string",
  "specifications": {
    "string" : "string"
  },
  "status": "string",
  "tags": {
    "string" : "string"
  },
  "workloadName": "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.

deployment

An object that details the deployment.

Type: [DeploymentData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

InternalServerError

An internal error has occurred. Retry your request, but if the problem persists, contact us with details by posting a question on [re:Post](#).

HTTP Status Code: 500

ResourceNotFoundException

The specified workload or deployment resource can't be found.

HTTP Status Code: 404

ValidationException

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

HTTP Status Code: 400

See Also

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

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

GetDeploymentPatternVersion

Returns information about a deployment pattern version.

Request Syntax

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

{
  "deploymentPatternName": "string",
  "deploymentPatternVersionName": "string",
  "workloadName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

deploymentPatternName

The name of the deployment pattern. You can use the [ListWorkloadDeploymentPatterns](#) operation to discover supported values for this parameter.

Type: String

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

Pattern: [A-Za-z0-9][a-zA-Z0-9-]*

Required: Yes

deploymentPatternVersionName

The name of the deployment pattern version.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 30.

Pattern: (([A-Za-z0-9][a-zA-Z0-9-]*)|(\d+\.\d+\.\d+))

Required: Yes

workloadName

The name of the workload. You can use the [ListWorkloads](#) operation to discover supported values for this parameter.

Type: String

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

Pattern: [A-Za-z][a-zA-Z0-9-_]*

Required: Yes

Response Syntax

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

{
  "deploymentPatternVersion": {
    "deploymentPatternName": "string",
    "deploymentPatternVersionName": "string",
    "description": "string",
    "documentationUrl": "string",
    "workloadName": "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.

deploymentPatternVersion

The deployment pattern version.

Type: [DeploymentPatternVersionDataSummary](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

InternalServerError

An internal error has occurred. Retry your request, but if the problem persists, contact us with details by posting a question on [re:Post](#).

HTTP Status Code: 500

ResourceNotFoundException

The specified workload or deployment resource can't be found.

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 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](#)

GetWorkload

Returns information about a workload.

Request Syntax

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

{
  "workloadName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

workloadName

The name of the workload.

Type: String

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

Pattern: [A-Za-z][a-zA-Z0-9-_*]

Required: Yes

Response Syntax

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

{
  "workload": {
    "description": "string",
```

```
    "displayName": "string",  
    "documentationUrl": "string",  
    "iconUrl": "string",  
    "status": "string",  
    "statusMessage": "string",  
    "workloadName": "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.

workload

Information about the workload.

Type: [WorkloadData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

InternalServerError

An internal error has occurred. Retry your request, but if the problem persists, contact us with details by posting a question on [re:Post](#).

HTTP Status Code: 500

ResourceNotFoundException

The specified workload or deployment resource can't be found.

HTTP Status Code: 404

ValidationException

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

HTTP Status Code: 400

See Also

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

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

GetWorkloadDeploymentPattern

Returns details for a given workload and deployment pattern, including the available specifications. You can use the [ListWorkloads](#) operation to discover the available workload names and the [ListWorkloadDeploymentPatterns](#) operation to discover the available deployment pattern names of a given workload.

Request Syntax

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

{
  "deploymentPatternName": "string",
  "workloadName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[deploymentPatternName](#)

The name of the deployment pattern.

Type: String

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

Pattern: `[A-Za-z0-9][a-zA-Z0-9-]*`

Required: Yes

[workloadName](#)

The name of the workload.

Type: String

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

Pattern: [A-Za-z][a-zA-Z0-9-]*

Required: Yes

Response Syntax

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

{
  "workloadDeploymentPattern": {
    "deploymentPatternName": "string",
    "deploymentPatternVersionName": "string",
    "description": "string",
    "displayName": "string",
    "specifications": [
      {
        "allowedValues": [ "string" ],
        "conditionals": [
          {
            "comparator": "string",
            "name": "string",
            "value": "string"
          }
        ],
        "description": "string",
        "name": "string",
        "required": "string"
      }
    ],
    "status": "string",
    "statusMessage": "string",
    "workloadName": "string",
    "workloadVersionName": "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.

[workloadDeploymentPattern](#)

Details about the workload deployment pattern.

Type: [WorkloadDeploymentPatternData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

InternalServerError

An internal error has occurred. Retry your request, but if the problem persists, contact us with details by posting a question on [re:Post](#).

HTTP Status Code: 500

ResourceNotFoundException

The specified workload or deployment resource can't be found.

HTTP Status Code: 404

ValidationException

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

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

ListDeploymentEvents

Lists the events of a deployment.

Request Syntax

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

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

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

deploymentId

The ID of the deployment.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 128.

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

Required: Yes

maxResults

The maximum number of items to return for this request. To get the next page of items, make another request with the token returned in the output.

Type: Integer

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

Required: No

nextToken

The token returned from a previous paginated request. Pagination continues from the end of the items returned by the previous request.

Type: String

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

Required: No

Response Syntax

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

{
  "deploymentEvents": [
    {
      "description": "string",
      "name": "string",
      "status": "string",
      "statusReason": "string",
      "timestamp": number
    }
  ],
  "nextToken": "string"
}
```

Response Elements

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

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

deploymentEvents

Lists the deployment events.

Type: Array of [DeploymentEventDataSummary](#) objects

[nextToken](#)

The token to include in another request to get the next page of items. This value is null when there are no more items to return.

Type: String

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

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

InternalServerErrorException

An internal error has occurred. Retry your request, but if the problem persists, contact us with details by posting a question on [re:Post](#).

HTTP Status Code: 500

ResourceNotFoundException

The specified workload or deployment resource can't be found.

HTTP Status Code: 404

ValidationException

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

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)

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

ListDeploymentPatternVersions

Lists the deployment pattern versions.

Request Syntax

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

```
{
  "deploymentPatternName": "string",
  "filters": [
    {
      "name": "string",
      "values": [ "string" ]
    }
  ],
  "maxResults": number,
  "nextToken": "string",
  "workloadName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

deploymentPatternName

The name of the deployment pattern. You can use the [ListWorkloadDeploymentPatterns](#) operation to discover supported values for this parameter.

Type: String

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

Pattern: [A-Za-z0-9][a-zA-Z0-9-]*

Required: Yes

filters

Filters to apply when listing deployment pattern versions.

Type: Array of [DeploymentPatternVersionFilter](#) objects

Required: No

maxResults

The maximum number of deployment pattern versions to list.

Type: Integer

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

Required: No

nextToken

The token for the next set of results.

Type: String

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

Required: No

workloadName

The name of the workload. You can use the [ListWorkloads](#) operation to discover supported values for this parameter.

Type: String

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

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

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Content-type: application/json

```
{
  "deploymentPatternVersions": [
    {
      "deploymentPatternName": "string",
      "deploymentPatternVersionName": "string",
      "description": "string",
      "documentationUrl": "string",
      "workloadName": "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.

deploymentPatternVersions

The deployment pattern versions.

Type: Array of [DeploymentPatternVersionDataSummary](#) objects

nextToken

The token for the next set of results.

Type: String

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

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

InternalServerErrorException

An internal error has occurred. Retry your request, but if the problem persists, contact us with details by posting a question on [re:Post](#).

HTTP Status Code: 500

ResourceNotFoundException

The specified workload or deployment resource can't be found.

HTTP Status Code: 404

ValidationException

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

HTTP Status Code: 400

See Also

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

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

ListDeployments

Lists the deployments that have been created.

Request Syntax

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

{
  "filters": [
    {
      "name": "string",
      "values": [ "string" ]
    }
  ],
  "maxResults": number,
  "nextToken": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

filters

Filters to scope the results. The following filters are supported:

- WORKLOAD_NAME - The name used in deployments.
- DEPLOYMENT_STATUS - COMPLETED | CREATING | DELETE_IN_PROGRESS | DELETE_INITIATING | DELETE_FAILED | DELETED | FAILED | IN_PROGRESS | VALIDATING

Type: Array of [DeploymentFilter](#) objects

Array Members: Minimum number of 1 item.

Required: No

maxResults

The maximum number of items to return for this request. To get the next page of items, make another request with the token returned in the output.

Type: Integer

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

Required: No

nextToken

The token returned from a previous paginated request. Pagination continues from the end of the items returned by the previous request.

Type: String

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

Required: No

Response Syntax

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

{
  "deployments": [
    {
      "createdAt": number,
      "id": "string",
      "modifiedAt": number,
      "name": "string",
      "patternName": "string",
      "status": "string",
      "workloadName": "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.

deployments

Lists the deployments.

Type: Array of [DeploymentDataSummary](#) objects

nextToken

The token to include in another request to get the next page of items. This value is null when there are no more items to return.

Type: String

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

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

InternalServerError

An internal error has occurred. Retry your request, but if the problem persists, contact us with details by posting a question on [re:Post](#).

HTTP Status Code: 500

ValidationException

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

HTTP Status Code: 400

See Also

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

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

ListTagsForResource

Lists the tags associated with a specified resource.

Request Syntax

```
GET /tags/resourceArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The Amazon Resource Name (ARN) of the resource.

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

Information about the tags.

Type: String to string map

Map Entries: Maximum number of 200 items.

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

Key Pattern: `(?!aws:)[a-zA-Z+-._: /]+`

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

Value Pattern: `[a-zA-Z+-._: /]*`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

InternalServerError

An internal error has occurred. Retry your request, but if the problem persists, contact us with details by posting a question on [re:Post](#).

HTTP Status Code: 500

ResourceNotFoundException

The specified workload or deployment resource can't be found.

HTTP Status Code: 404

ValidationException

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

HTTP Status Code: 400

See Also

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

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

ListWorkloadDeploymentPatterns

Lists the workload deployment patterns for a given workload name. You can use the [ListWorkloads](#) operation to discover the available workload names.

Request Syntax

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

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

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[maxResults](#)

The maximum number of items to return for this request. To get the next page of items, make another request with the token returned in the output.

Type: Integer

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

Required: No

[nextToken](#)

The token returned from a previous paginated request. Pagination continues from the end of the items returned by the previous request.

Type: String

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

Required: No

workloadName

The name of the workload.

Type: String

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

Pattern: [A-Za-z][a-zA-Z0-9-]*

Required: Yes

Response Syntax

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

{
  "nextToken": "string",
  "workloadDeploymentPatterns": [
    {
      "deploymentPatternName": "string",
      "deploymentPatternVersionName": "string",
      "description": "string",
      "displayName": "string",
      "status": "string",
      "statusMessage": "string",
      "workloadName": "string",
      "workloadVersionName": "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](#)

The token to include in another request to get the next page of items. This value is null when there are no more items to return.

Type: String

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

[workloadDeploymentPatterns](#)

Describes the workload deployment patterns.

Type: Array of [WorkloadDeploymentPatternDataSummary](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

InternalServerError

An internal error has occurred. Retry your request, but if the problem persists, contact us with details by posting a question on [re:Post](#).

HTTP Status Code: 500

ResourceNotFoundException

The specified workload or deployment resource can't be found.

HTTP Status Code: 404

ValidationException

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

HTTP Status Code: 400

See Also

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

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

ListWorkloads

Lists the available workload names. You can use the [ListWorkloadDeploymentPatterns](#) operation to discover the available deployment patterns for a given workload.

Request Syntax

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

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

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[maxResults](#)

The maximum number of items to return for this request. To get the next page of items, make another request with the token returned in the output.

Type: Integer

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

Required: No

[nextToken](#)

The token returned from a previous paginated request. Pagination continues from the end of the items returned by the previous request.

Type: String

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

Required: No

Response Syntax

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

{
  "nextToken": "string",
  "workloads": [
    {
      "displayName": "string",
      "status": "string",
      "workloadName": "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

The token to include in another request to get the next page of items. This value is null when there are no more items to return.

Type: String

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

workloads

Information about the workloads.

Type: Array of [WorkloadDataSummary](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

InternalServerErrorException

An internal error has occurred. Retry your request, but if the problem persists, contact us with details by posting a question on [re:Post](#).

HTTP Status Code: 500

ValidationException

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

HTTP Status Code: 400

See Also

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

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

TagResource

Adds the specified tags to the given resource.

Request Syntax

```
POST /tags/resourceArn HTTP/1.1
Content-type: application/json

{
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The Amazon Resource Name (ARN) of the resource.

Required: Yes

Request Body

The request accepts the following data in JSON format.

tags

One or more tags to attach to the resource.

Type: String to string map

Map Entries: Maximum number of 200 items.

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

Key Pattern: (?!aws:)[a-zA-Z+-. _:/]+

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

Value Pattern: [a-zA-Z+-. _:/]*

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](#).

InternalServerError

An internal error has occurred. Retry your request, but if the problem persists, contact us with details by posting a question on [re:Post](#).

HTTP Status Code: 500

ResourceNotFoundException

The specified workload or deployment resource can't be found.

HTTP Status Code: 404

ValidationException

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

HTTP Status Code: 400

See Also

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

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

UntagResource

Removes the specified tags from the given resource.

Request Syntax

```
DELETE /tags/resourceArn?tagKeys=tagKeys HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The Amazon Resource Name (ARN) of the resource.

Required: Yes

tagKeys

Keys identifying the tags to remove.

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

For information about the errors that are common to all actions, see [Common Error Types](#).

InternalServerError

An internal error has occurred. Retry your request, but if the problem persists, contact us with details by posting a question on [re:Post](#).

HTTP Status Code: 500

ResourceNotFoundException

The specified workload or deployment resource can't be found.

HTTP Status Code: 404

ValidationException

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

HTTP Status Code: 400

See Also

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

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

UpdateDeployment

Updates a deployment.

Request Syntax

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

{
  "deploymentId": "string",
  "deploymentPatternVersionName": "string",
  "dryRun": boolean,
  "force": boolean,
  "specifications": {
    "string" : "string"
  },
  "workloadVersionName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

deploymentId

The ID of the deployment.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 128.

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

Required: Yes

deploymentPatternVersionName

The name of the deployment pattern version.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 30.

Pattern: `(([A-Za-z0-9][a-zA-Z0-9-]*)|(\d+\.\d+\.\d+))`

Required: No

dryRun

Checks whether you have the required permissions for the action, without actually making the request, and provides an error response. If you have the required permissions, the error response is `DryRunOperation`. Otherwise, it is `UnauthorizedOperation`.

Type: Boolean

Required: No

force

Forces the update even if validation warnings are present.

Type: Boolean

Required: No

specifications

The settings specified for the deployment. These settings define how to deploy and configure your resources created by the deployment. For more information about the specifications required for creating a deployment for a SAP workload, see [SAP deployment specifications](#). To retrieve the specifications required to create a deployment for other workloads, use the [GetWorkloadDeploymentPattern](#) operation.

Type: String to string map

Map Entries: Maximum number of 100 items.

Key Length Constraints: Minimum length of 3. Maximum length of 256.

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

Value Length Constraints: Minimum length of 1. Maximum length of 1500.

Required: Yes

workloadVersionName

The name of the workload version.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 30.

Pattern: (([A-Za-z0-9][a-zA-Z0-9-]*)|(\d+\.\d+\.\d+))

Required: No

Response Syntax

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

```
{
  "deployment": {
    "createdAt": number,
    "id": "string",
    "modifiedAt": number,
    "name": "string",
    "patternName": "string",
    "status": "string",
    "workloadName": "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.

deployment

The deployment.

Type: [DeploymentDataSummary](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

InternalServerErrorException

An internal error has occurred. Retry your request, but if the problem persists, contact us with details by posting a question on [re:Post](#).

HTTP Status Code: 500

ResourceLimitException

You have exceeded an AWS Launch Wizard resource limit. For example, you might have too many deployments in progress.

HTTP Status Code: 400

ResourceNotFoundException

The specified workload or deployment resource can't be found.

HTTP Status Code: 404

ValidationException

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

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

Data Types

The AWS Launch Wizard 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:

- [DeploymentConditionalField](#)
- [DeploymentData](#)
- [DeploymentDataSummary](#)
- [DeploymentEventDataSummary](#)
- [DeploymentFilter](#)
- [DeploymentPatternVersionDataSummary](#)
- [DeploymentPatternVersionFilter](#)
- [DeploymentSpecificationsField](#)
- [WorkloadData](#)
- [WorkloadDataSummary](#)
- [WorkloadDeploymentPatternData](#)
- [WorkloadDeploymentPatternDataSummary](#)

DeploymentConditionalField

A field that details a condition of the specifications for a deployment.

Contents

comparator

The comparator of the condition.

Valid values: `Equal` | `NotEqual`

Type: `String`

Required: `No`

name

The name of the deployment condition.

Type: `String`

Required: `No`

value

The value of the condition.

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](#)

DeploymentData

The data associated with a deployment.

Contents

createdAt

The time the deployment was created.

Type: Timestamp

Required: No

deletedAt

The time the deployment was deleted.

Type: Timestamp

Required: No

deploymentArn

The Amazon Resource Name (ARN) of the deployment.

Type: String

Required: No

id

The ID of the deployment.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 128.

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

Required: No

modifiedAt

The time the deployment was last modified.

Type: Timestamp

Required: No

name

The name of the deployment.

Type: String

Required: No

patternName

The pattern name of the deployment.

Type: String

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

Pattern: [A-Za-z0-9][a-zA-Z0-9-]*

Required: No

resourceGroup

The resource group of the deployment.

Type: String

Required: No

specifications

The settings specified for the deployment. These settings define how to deploy and configure your resources created by the deployment. For more information about the specifications required for creating a deployment for a SAP workload, see [SAP deployment specifications](#). To retrieve the specifications required to create a deployment for other workloads, use the [GetWorkloadDeploymentPattern](#) operation.

Type: String to string map

Map Entries: Maximum number of 100 items.

Key Length Constraints: Minimum length of 3. Maximum length of 256.

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

Value Length Constraints: Minimum length of 1. Maximum length of 1500.

Required: No

status

The status of the deployment.

Type: String

Valid Values: COMPLETED | CREATING | DELETE_IN_PROGRESS | DELETE_INITIATING
| DELETE_FAILED | DELETED | FAILED | IN_PROGRESS | VALIDATING
| UPDATE_IN_PROGRESS | UPDATE_COMPLETED | UPDATE_FAILED |
UPDATE_ROLLBACK_COMPLETED | UPDATE_ROLLBACK_FAILED

Required: No

tags

Information about the tags attached to a deployment.

Type: String to string map

Map Entries: Maximum number of 200 items.

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

Key Pattern: (?!aws:)[a-zA-Z+-. _:/]+

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

Value Pattern: [a-zA-Z+-. _:/]*

Required: No

workloadName

The name of the workload.

Type: String

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

Pattern: [A-Za-z][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](#)

DeploymentDataSummary

A summary of the deployment data.

Contents

createdAt

The time the deployment was created.

Type: Timestamp

Required: No

id

The ID of the deployment.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 128.

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

Required: No

modifiedAt

The time the deployment was last modified.

Type: Timestamp

Required: No

name

The name of the deployment

Type: String

Required: No

patternName

The name of the workload deployment pattern.

Type: String

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

Pattern: `[A-Za-z0-9][a-zA-Z0-9-]*`

Required: No

status

The status of the deployment.

Type: String

Valid Values: COMPLETED | CREATING | DELETE_IN_PROGRESS | DELETE_INITIATING
| DELETE_FAILED | DELETED | FAILED | IN_PROGRESS | VALIDATING
| UPDATE_IN_PROGRESS | UPDATE_COMPLETED | UPDATE_FAILED |
UPDATE_ROLLBACK_COMPLETED | UPDATE_ROLLBACK_FAILED

Required: No

workloadName

The name of the workload.

Type: String

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

Pattern: `[A-Za-z][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](#)

DeploymentEventDataSummary

A summary of the deployment event data.

Contents

description

The description of the deployment event.

Type: String

Required: No

name

The name of the deployment event.

Type: String

Required: No

status

The status of the deployment event.

Type: String

Valid Values: CANCELED | CANCELING | COMPLETED | CREATED | FAILED | IN_PROGRESS | PENDING | TIMED_OUT

Required: No

statusReason

The reason of the deployment event status.

Type: String

Required: No

timestamp

The timestamp of the deployment event.

Type: Timestamp

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

DeploymentFilter

A filter name and value pair that is used to return more specific results from a describe operation. Filters can be used to match a set of resources by specific criteria.

Contents

name

The name of the filter. Filter names are case-sensitive.

Type: String

Valid Values: WORKLOAD_NAME | DEPLOYMENT_STATUS

Required: No

values

The filter values. Filter values are case-sensitive. If you specify multiple values for a filter, the values are joined with an OR, and the request returns all results that match any of the specified values.

Type: Array of strings

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

Pattern: `.*(^(([A-Za-z])+([0-9A-Za-z\-\_\ ])+))$).*`

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

DeploymentPatternVersionDataSummary

Describes a deployment pattern version summary.

Contents

deploymentPatternName

The name of the deployment pattern.

Type: String

Required: No

deploymentPatternVersionName

The name of the deployment pattern version.

Type: String

Required: No

description

The description of the deployment pattern version.

Type: String

Required: No

documentationUrl

The URL of the documentation for the deployment pattern version.

Type: String

Required: No

workloadName

The name of the workload.

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](#)

DeploymentPatternVersionFilter

A filter for deployment pattern versions. Use this filter to specify criteria for querying deployment pattern versions in AWS Launch Wizard.

Contents

name

The name of the filter attribute. Specifies which attribute to filter on when querying deployment pattern versions.

Type: String

Valid Values: `updateFromVersion`

Required: Yes

values

The values to filter by. Contains the specific values to match against when filtering deployment pattern versions.

Type: Array of strings

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

Pattern: `(\d|[1-9]\d*)\.(\d|[1-9]\d*)\.(\d|[1-9]\d*)`

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](#)

DeploymentSpecificationsField

A field that details a specification of a deployment pattern.

Contents

allowedValues

The allowed values of the deployment specification.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 1500.

Required: No

conditionals

The conditionals used for the deployment specification.

Type: Array of [DeploymentConditionalField](#) objects

Array Members: Minimum number of 1 item. Maximum number of 5 items.

Required: No

description

The description of the deployment specification.

Type: String

Required: No

name

The name of the deployment specification.

Type: String

Required: No

required

Indicates if the deployment specification is required.

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](#)

WorkloadData

Describes a workload.

Contents

description

The description of a workload.

Type: String

Required: No

displayName

The display name of a workload.

Type: String

Required: No

documentationUrl

The URL of a workload document.

Type: String

Required: No

iconUrl

The URL of a workload icon.

Type: String

Required: No

status

The status of a workload.

*You can list deployments in the **DISABLED** status.*

Type: String

Valid Values: ACTIVE | INACTIVE | DISABLED | DELETED

Required: No

statusMessage

The message about a workload's status.

Type: String

Required: No

workloadName

The name of the workload.

Type: String

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

Pattern: [A-Za-z][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](#)

WorkloadDataSummary

Describes workload data.

Contents

displayName

The display name of the workload data.

Type: String

Required: No

status

The status of the workload.

Type: String

Valid Values: ACTIVE | INACTIVE | DISABLED | DELETED

Required: No

workloadName

The name of the workload.

Type: String

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

Pattern: [A-Za-z][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](#)

WorkloadDeploymentPatternData

The data that details a workload deployment pattern.

Contents

deploymentPatternName

The name of the deployment pattern.

Type: String

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

Pattern: `[A-Za-z0-9][a-zA-Z0-9-]*`

Required: No

deploymentPatternVersionName

The version name of the deployment pattern.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 30.

Pattern: `(([A-Za-z0-9][a-zA-Z0-9-]*)|(\d+\.\d+\.\d+))`

Required: No

description

The description of the deployment pattern.

Type: String

Required: No

displayName

The display name of the deployment pattern.

Type: String

Required: No

specifications

The settings specified for the deployment. These settings define how to deploy and configure your resources created by the deployment. For more information about the specifications required for creating a deployment for a SAP workload, see [SAP deployment specifications](#). To retrieve the specifications required to create a deployment for other workloads, use the [GetWorkloadDeploymentPattern](#) operation.

Type: Array of [DeploymentSpecificationsField](#) objects

Array Members: Minimum number of 1 item. Maximum number of 100 items.

Required: No

status

The status of the deployment pattern.

Type: String

Valid Values: ACTIVE | INACTIVE | DISABLED | DELETED

Required: No

statusMessage

The status message of the deployment pattern.

Type: String

Required: No

workloadName

The workload name of the deployment pattern.

Type: String

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

Pattern: [A-Za-z][a-zA-Z0-9-]*

Required: No

workloadVersionName

The workload version name of the deployment pattern.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 30.

Pattern: (([A-Za-z0-9][a-zA-Z0-9-]*)|(\d+\.\d+\.\d+))

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WorkloadDeploymentPatternDataSummary

Describes a workload deployment pattern.

Contents

deploymentPatternName

The name of a workload deployment pattern.

Type: String

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

Pattern: `[A-Za-z0-9][a-zA-Z0-9-]*`

Required: No

deploymentPatternVersionName

The version name of a workload deployment pattern.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 30.

Pattern: `(([A-Za-z0-9][a-zA-Z0-9-]*)|(\d+\.\d+\.\d+))`

Required: No

description

The description of a workload deployment pattern.

Type: String

Required: No

displayName

The display name of a workload deployment pattern.

Type: String

Required: No

status

The status of a workload deployment pattern.

Type: String

Valid Values: ACTIVE | INACTIVE | DISABLED | DELETED

Required: No

statusMessage

A message about a workload deployment pattern's status.

Type: String

Required: No

workloadName

The name of the workload.

Type: String

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

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

Required: No

workloadVersionName

The name of the workload deployment pattern version.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 30.

Pattern: `(([A-Za-z0-9][a-zA-Z0-9-]*)|(\d+\.\d+\.\d+))`

Required: No

See Also

For more information about using this API in 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