
Amazon WorkLink

API Reference

API Version 2018-09-25



Amazon WorkLink: API Reference

Copyright © 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
AssociateDomain	3
Request Syntax	3
URI Request Parameters	3
Request Body	3
Response Syntax	4
Response Elements	4
Errors	4
See Also	4
AssociateWebsiteAuthorizationProvider	6
Request Syntax	6
URI Request Parameters	6
Request Body	6
Response Syntax	7
Response Elements	7
Errors	7
See Also	8
AssociateWebsiteCertificateAuthority	9
Request Syntax	9
URI Request Parameters	9
Request Body	9
Response Syntax	10
Response Elements	10
Errors	10
See Also	11
CreateFleet	12
Request Syntax	12
URI Request Parameters	12
Request Body	12
Response Syntax	13
Response Elements	13
Errors	13
See Also	14
DeleteFleet	15
Request Syntax	15
URI Request Parameters	15
Request Body	15
Response Syntax	15
Response Elements	15
Errors	15
See Also	16
DescribeAuditStreamConfiguration	17
Request Syntax	17
URI Request Parameters	17
Request Body	17
Response Syntax	17
Response Elements	17
Errors	18
See Also	18
DescribeCompanyNetworkConfiguration	19
Request Syntax	19
URI Request Parameters	19
Request Body	19

Response Syntax	19
Response Elements	19
Errors	20
See Also	20
DescribeDevice	22
Request Syntax	22
URI Request Parameters	22
Request Body	22
Response Syntax	22
Response Elements	23
Errors	24
See Also	24
DescribeDevicePolicyConfiguration	25
Request Syntax	25
URI Request Parameters	25
Request Body	25
Response Syntax	25
Response Elements	25
Errors	26
See Also	26
DescribeDomain	27
Request Syntax	27
URI Request Parameters	27
Request Body	27
Response Syntax	27
Response Elements	28
Errors	28
See Also	29
DescribeFleetMetadata	30
Request Syntax	30
URI Request Parameters	30
Request Body	30
Response Syntax	30
Response Elements	30
Errors	32
See Also	32
DescribeIdentityProviderConfiguration	33
Request Syntax	33
URI Request Parameters	33
Request Body	33
Response Syntax	33
Response Elements	33
Errors	34
See Also	34
DescribeWebsiteCertificateAuthority	36
Request Syntax	36
URI Request Parameters	36
Request Body	36
Response Syntax	36
Response Elements	36
Errors	37
See Also	38
DisassociateDomain	39
Request Syntax	39
URI Request Parameters	39
Request Body	39
Response Syntax	39

Response Elements	39
Errors	40
See Also	40
DisassociateWebsiteAuthorizationProvider	41
Request Syntax	41
URI Request Parameters	41
Request Body	41
Response Syntax	41
Response Elements	41
Errors	41
See Also	42
DisassociateWebsiteCertificateAuthority	43
Request Syntax	43
URI Request Parameters	43
Request Body	43
Response Syntax	43
Response Elements	43
Errors	43
See Also	44
ListDevices	45
Request Syntax	45
URI Request Parameters	45
Request Body	45
Response Syntax	45
Response Elements	46
Errors	46
See Also	47
ListDomains	48
Request Syntax	48
URI Request Parameters	48
Request Body	48
Response Syntax	48
Response Elements	49
Errors	49
See Also	50
ListFleets	51
Request Syntax	51
URI Request Parameters	51
Request Body	51
Response Syntax	51
Response Elements	52
Errors	52
See Also	53
ListTagsForResource	54
Request Syntax	54
URI Request Parameters	54
Request Body	54
Response Syntax	54
Response Elements	54
Errors	55
See Also	55
ListWebsiteAuthorizationProviders	56
Request Syntax	56
URI Request Parameters	56
Request Body	56
Response Syntax	56
Response Elements	57

Errors	57
See Also	58
ListWebsiteCertificateAuthorities	59
Request Syntax	59
URI Request Parameters	59
Request Body	59
Response Syntax	59
Response Elements	60
Errors	60
See Also	61
RestoreDomainAccess	62
Request Syntax	62
URI Request Parameters	62
Request Body	62
Response Syntax	62
Response Elements	62
Errors	62
See Also	63
RevokeDomainAccess	64
Request Syntax	64
URI Request Parameters	64
Request Body	64
Response Syntax	64
Response Elements	64
Errors	64
See Also	65
SignOutUser	66
Request Syntax	66
URI Request Parameters	66
Request Body	66
Response Syntax	66
Response Elements	66
Errors	66
See Also	67
TagResource	68
Request Syntax	68
URI Request Parameters	68
Request Body	68
Response Syntax	68
Response Elements	69
Errors	69
See Also	69
UntagResource	70
Request Syntax	70
URI Request Parameters	70
Request Body	70
Response Syntax	70
Response Elements	70
Errors	70
See Also	71
UpdateAuditStreamConfiguration	72
Request Syntax	72
URI Request Parameters	72
Request Body	72
Response Syntax	72
Response Elements	72
Errors	72

See Also	73
UpdateCompanyNetworkConfiguration	74
Request Syntax	74
URI Request Parameters	74
Request Body	74
Response Syntax	75
Response Elements	75
Errors	75
See Also	75
UpdateDevicePolicyConfiguration	77
Request Syntax	77
URI Request Parameters	77
Request Body	77
Response Syntax	77
Response Elements	77
Errors	78
See Also	78
UpdateDomainMetadata	79
Request Syntax	79
URI Request Parameters	79
Request Body	79
Response Syntax	79
Response Elements	80
Errors	80
See Also	80
UpdateFleetMetadata	81
Request Syntax	81
URI Request Parameters	81
Request Body	81
Response Syntax	81
Response Elements	82
Errors	82
See Also	82
UpdateIdentityProviderConfiguration	83
Request Syntax	83
URI Request Parameters	83
Request Body	83
Response Syntax	83
Response Elements	84
Errors	84
See Also	84
Data Types	85
DeviceSummary	86
Contents	86
See Also	86
DomainSummary	87
Contents	87
See Also	87
FleetSummary	88
Contents	88
See Also	89
WebsiteAuthorizationProviderSummary	90
Contents	90
See Also	90
WebsiteCaSummary	91
Contents	91
See Also	91

Common Parameters 92
Common Errors 94

Welcome

Amazon WorkLink is a cloud-based service that provides secure access to internal websites and web apps from iOS and Android phones. In a single step, your users, such as employees, can access internal websites as efficiently as they access any other public website. They enter a URL in their web browser, or choose a link to an internal website in an email. Amazon WorkLink authenticates the user's access and securely renders authorized internal web content in a secure rendering service in the AWS cloud. Amazon WorkLink doesn't download or store any internal web content on mobile devices.

This document was last published on April 22, 2021.

Actions

The following actions are supported:

- [AssociateDomain](#) (p. 3)
- [AssociateWebsiteAuthorizationProvider](#) (p. 6)
- [AssociateWebsiteCertificateAuthority](#) (p. 9)
- [CreateFleet](#) (p. 12)
- [DeleteFleet](#) (p. 15)
- [DescribeAuditStreamConfiguration](#) (p. 17)
- [DescribeCompanyNetworkConfiguration](#) (p. 19)
- [DescribeDevice](#) (p. 22)
- [DescribeDevicePolicyConfiguration](#) (p. 25)
- [DescribeDomain](#) (p. 27)
- [DescribeFleetMetadata](#) (p. 30)
- [DescribeIdentityProviderConfiguration](#) (p. 33)
- [DescribeWebsiteCertificateAuthority](#) (p. 36)
- [DisassociateDomain](#) (p. 39)
- [DisassociateWebsiteAuthorizationProvider](#) (p. 41)
- [DisassociateWebsiteCertificateAuthority](#) (p. 43)
- [ListDevices](#) (p. 45)
- [ListDomains](#) (p. 48)
- [ListFleets](#) (p. 51)
- [ListTagsForResource](#) (p. 54)
- [ListWebsiteAuthorizationProviders](#) (p. 56)
- [ListWebsiteCertificateAuthorities](#) (p. 59)
- [RestoreDomainAccess](#) (p. 62)
- [RevokeDomainAccess](#) (p. 64)
- [SignOutUser](#) (p. 66)
- [TagResource](#) (p. 68)
- [UntagResource](#) (p. 70)
- [UpdateAuditStreamConfiguration](#) (p. 72)
- [UpdateCompanyNetworkConfiguration](#) (p. 74)
- [UpdateDevicePolicyConfiguration](#) (p. 77)
- [UpdateDomainMetadata](#) (p. 79)
- [UpdateFleetMetadata](#) (p. 81)
- [UpdateIdentityProviderConfiguration](#) (p. 83)

AssociateDomain

Specifies a domain to be associated to Amazon WorkLink.

Request Syntax

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

{
  "AcmCertificateArn": "string",
  "DisplayName": "string",
  "DomainName": "string",
  "FleetArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

AcmCertificateArn (p. 3)

The ARN of an issued ACM certificate that is valid for the domain being associated.

Type: String

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

Required: Yes

DisplayName (p. 3)

The name to display.

Type: String

Length Constraints: Maximum length of 100.

Required: No

DomainName (p. 3)

The fully qualified domain name (FQDN).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 253.

Pattern: `^[a-zA-Z0-9]?((?!-)([A-Za-z0-9]*[A-Za-z0-9])\.)+[a-zA-Z0-9]+$`

Required: Yes

FleetArn (p. 3)

The Amazon Resource Name (ARN) of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

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 Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceAlreadyExistsException

The resource already exists.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

- [AWS Command Line Interface](#)

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

AssociateWebsiteAuthorizationProvider

Associates a website authorization provider with a specified fleet. This is used to authorize users against associated websites in the company network.

Request Syntax

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

{
  "AuthorizationProviderType": "string",
  "DomainName": "string",
  "FleetArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

AuthorizationProviderType (p. 6)

The authorization provider type.

Type: String

Valid Values: SAML

Required: Yes

DomainName (p. 6)

The domain name of the authorization provider. This applies only to SAML-based authorization providers.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 253.

Pattern: `^[a-zA-Z0-9]?((?!-)([A-Za-z0-9-]*[A-Za-z0-9])\.)+[a-zA-Z0-9]+$`

Required: No

FleetArn (p. 6)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

Response Syntax

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

{
  "AuthorizationProviderId": "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.

AuthorizationProviderId (p. 7)

A unique identifier for the authorization provider.

Type: String

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

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceAlreadyExistsException

The resource already exists.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

AssociateWebsiteCertificateAuthority

Imports the root certificate of a certificate authority (CA) used to obtain TLS certificates used by associated websites within the company network.

Request Syntax

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

{
  "Certificate": "string",
  "DisplayName": "string",
  "FleetArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

Certificate (p. 9)

The root certificate of the CA.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Pattern: `-{5}BEGIN CERTIFICATE-{5}\u00D?\u000A([A-Za-z0-9/+] {64}\u00D?\u000A)*[A-Za-z0-9/+] {1,64}={0,2}\u00D?\u000A-{5}END CERTIFICATE-{5}(\u00D?\u000A)?`

Required: Yes

DisplayName (p. 9)

The certificate name to display.

Type: String

Length Constraints: Maximum length of 100.

Required: No

FleetArn (p. 9)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

Response Syntax

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

{
  "WebsiteCaId": "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.

WebsiteCaId (p. 10)

A unique identifier for the CA.

Type: String

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

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceAlreadyExistsException

The resource already exists.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

CreateFleet

Creates a fleet. A fleet consists of resources and the configuration that delivers associated websites to authorized users who download and set up the Amazon WorkLink app.

Request Syntax

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

{
  "DisplayName": "string",
  "FleetName": "string",
  "OptimizeForEndUserLocation": boolean,
  "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.

DisplayName (p. 12)

The fleet name to display.

Type: String

Length Constraints: Maximum length of 100.

Required: No

FleetName (p. 12)

A unique name for the fleet.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 48.

Pattern: `^[a-z0-9](?:[a-z0-9\-\]{0,46}[a-z0-9])?#$`

Required: Yes

OptimizeForEndUserLocation (p. 12)

The option to optimize for better performance by routing traffic through the closest AWS Region to users, which may be outside of your home Region.

Type: Boolean

Required: No

Tags (p. 12)

The tags to add to the resource. A tag is a key-value pair.

Type: String to string map

Map Entries: Maximum number of 50 items.

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

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

Value Length Constraints: Maximum length of 256.

Required: No

Response Syntax

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

{
  "FleetArn": "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.

FleetArn (p. 13)

The Amazon Resource Name (ARN) of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceAlreadyExistsException

The resource already exists.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

DeleteFleet

Deletes a fleet. Prevents users from accessing previously associated websites.

Request Syntax

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

{
  "FleetArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

FleetArn (p. 15)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

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 Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

DescribeAuditStreamConfiguration

Describes the configuration for delivering audit streams to the customer account.

Request Syntax

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

{
  "FleetArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

FleetArn (p. 17)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

Response Syntax

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

{
  "AuditStreamArn": "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.

AuditStreamArn (p. 17)

The ARN of the Amazon Kinesis data stream that will receive the audit events.

Type: String

Pattern: `^arn:aws:kinesis:.*:[0-9]{12}:stream/AmazonWorkLink-.*$`

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

DescribeCompanyNetworkConfiguration

Describes the networking configuration to access the internal websites associated with the specified fleet.

Request Syntax

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

```
{  
  "FleetArn": "string"  
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

FleetArn (p. 19)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

Response Syntax

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

```
{  
  "SecurityGroupIds": [ "string" ],  
  "SubnetIds": [ "string" ],  
  "VpcId": "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.

SecurityGroupIds (p. 19)

The security groups associated with access to the provided subnets.

Type: Array of strings

Array Members: Maximum number of 5 items.

Pattern: `^sg-([0-9a-f]{8}|[0-9a-f]{17})$`

[SubnetIds \(p. 19\)](#)

The subnets used for X-ENI connections from Amazon WorkLink rendering containers.

Type: Array of strings

Pattern: `^subnet-([0-9a-f]{8}|[0-9a-f]{17})$`

[VpcId \(p. 19\)](#)

The VPC with connectivity to associated websites.

Type: String

Pattern: `^vpc-([0-9a-f]{8}|[0-9a-f]{17})$`

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

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

DescribeDevice

Provides information about a user's device.

Request Syntax

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

{
  "DeviceId": "string",
  "FleetArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

DeviceId (p. 22)

A unique identifier for a registered user's device.

Type: String

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

Required: Yes

FleetArn (p. 22)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

Response Syntax

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

{
  "FirstAccessedTime": number,
  "LastAccessedTime": number,
  "Manufacturer": "string",
  "Model": "string",
  "OperatingSystem": "string",
  "OperatingSystemVersion": "string",
  "PatchLevel": "string",
  "Status": "string",
}
```

```
"Username": "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.

FirstAccessedTime (p. 22)

The date that the device first signed in to Amazon WorkLink.

Type: Timestamp

LastAccessedTime (p. 22)

The date that the device last accessed Amazon WorkLink.

Type: Timestamp

Manufacturer (p. 22)

The manufacturer of the device.

Type: String

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

Model (p. 22)

The model of the device.

Type: String

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

OperatingSystem (p. 22)

The operating system of the device.

Type: String

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

OperatingSystemVersion (p. 22)

The operating system version of the device.

Type: String

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

PatchLevel (p. 22)

The operating system patch level of the device.

Type: String

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

Status (p. 22)

The current state of the device.

Type: String

Valid Values: ACTIVE | SIGNED_OUT

Username (p. 22)

The user name associated with the device.

Type: String

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

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

DescribeDevicePolicyConfiguration

Describes the device policy configuration for the specified fleet.

Request Syntax

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

{
  "FleetArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

FleetArn (p. 25)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

Response Syntax

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

{
  "DeviceCaCertificate": "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.

DeviceCaCertificate (p. 25)

The certificate chain, including intermediate certificates and the root certificate authority certificate used to issue device certificates.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

```
Pattern: -{5}BEGIN CERTIFICATE-{5}\u000D?\u000A([A-Za-z0-9/+] {64}\u000D?  
\u000A)*[A-Za-z0-9/+] {1,64}={0,2}\u000D?\u000A-{5}END CERTIFICATE-{5}  
(\u000D?\u000A)?
```

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

DescribeDomain

Provides information about the domain.

Request Syntax

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

{
  "DomainName": "string",
  "FleetArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

DomainName (p. 27)

The name of the domain.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 253.

Pattern: `^[a-zA-Z0-9]?((?!-)([A-Za-z0-9-])*[A-Za-z0-9])\.[a-zA-Z0-9]+$`

Required: Yes

FleetArn (p. 27)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

Response Syntax

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

{
  "AcmCertificateArn": "string",
  "CreatedTime": number,
  "DisplayName": "string",
  "DomainName": "string",
  "DomainStatus": "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.

AcmCertificateArn (p. 27)

The ARN of an issued ACM certificate that is valid for the domain being associated.

Type: String

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

CreatedTime (p. 27)

The time that the domain was added.

Type: Timestamp

DisplayName (p. 27)

The name to display.

Type: String

Length Constraints: Maximum length of 100.

DomainName (p. 27)

The name of the domain.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 253.

Pattern: `^[a-zA-Z0-9]?((?!-)([A-Za-z0-9-]*[A-Za-z0-9])\.)+[a-zA-Z0-9]+$`

DomainStatus (p. 27)

The current state for the domain.

Type: String

Valid Values: `PENDING_VALIDATION | ASSOCIATING | ACTIVE | INACTIVE | DISASSOCIATING | DISASSOCIATED | FAILED_TO_ASSOCIATE | FAILED_TO_DISASSOCIATE`

Errors

For information about the errors that are common to all actions, see [Common Errors](#) (p. 94).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

DescribeFleetMetadata

Provides basic information for the specified fleet, excluding identity provider, networking, and device configuration details.

Request Syntax

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

{
  "FleetArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

FleetArn (p. 30)

The Amazon Resource Name (ARN) of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

Response Syntax

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

{
  "CompanyCode": "string",
  "CreatedTime": number,
  "DisplayName": "string",
  "FleetName": "string",
  "FleetStatus": "string",
  "LastUpdatedTime": number,
  "OptimizeForEndUserLocation": boolean,
  "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.

CompanyCode (p. 30)

The identifier used by users to sign in to the Amazon WorkLink app.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

CreatedTime (p. 30)

The time that the fleet was created.

Type: Timestamp

DisplayName (p. 30)

The name to display.

Type: String

Length Constraints: Maximum length of 100.

FleetName (p. 30)

The name of the fleet.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 48.

Pattern: `^[a-z0-9](?:[a-z0-9\-\]{0,46}[a-z0-9])?#$`

FleetStatus (p. 30)

The current state of the fleet.

Type: String

Valid Values: `CREATING | ACTIVE | DELETING | DELETED | FAILED_TO_CREATE | FAILED_TO_DELETE`

LastUpdatedTime (p. 30)

The time that the fleet was last updated.

Type: Timestamp

OptimizeForEndUserLocation (p. 30)

The option to optimize for better performance by routing traffic through the closest AWS Region to users, which may be outside of your home Region.

Type: Boolean

Tags (p. 30)

The tags attached to the resource. A tag is a key-value pair.

Type: String to string map

Map Entries: Maximum number of 50 items.

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

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

Value Length Constraints: Maximum length of 256.

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

DescribeIdentityProviderConfiguration

Describes the identity provider configuration of the specified fleet.

Request Syntax

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

{
  "FleetArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

FleetArn (p. 33)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

Response Syntax

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

{
  "IdentityProviderSamlMetadata": "string",
  "IdentityProviderType": "string",
  "ServiceProviderSamlMetadata": "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.

IdentityProviderSamlMetadata (p. 33)

The SAML metadata document provided by the user's identity provider.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 204800.

IdentityProviderType (p. 33)

The type of identity provider.

Type: String

Valid Values: `SAML`

ServiceProviderSamlMetadata (p. 33)

The SAML metadata document uploaded to the user's identity provider.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 204800.

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

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

DescribeWebsiteCertificateAuthority

Provides information about the certificate authority.

Request Syntax

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

{
  "FleetArn": "string",
  "WebsiteCaId": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

FleetArn (p. 36)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

WebsiteCaId (p. 36)

A unique identifier for the certificate authority.

Type: String

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

Required: Yes

Response Syntax

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

{
  "Certificate": "string",
  "CreatedTime": number,
  "DisplayName": "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.

Certificate (p. 36)

The root certificate of the certificate authority.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 8192.

Pattern: `-{5}BEGIN CERTIFICATE-{5}\u000D?\u000A([A-Za-z0-9/+]{64}\u000D?\u000A)*[A-Za-z0-9/+]{1,64}={0,2}\u000D?\u000A-{5}END CERTIFICATE-{5}\u000D?\u000A)?`

CreatedTime (p. 36)

The time that the certificate authority was added.

Type: Timestamp

DisplayName (p. 36)

The certificate name to display.

Type: String

Length Constraints: Maximum length of 100.

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

DisassociateDomain

Disassociates a domain from Amazon WorkLink. End users lose the ability to access the domain with Amazon WorkLink.

Request Syntax

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

{
  "DomainName": "string",
  "FleetArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

DomainName (p. 39)

The name of the domain.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 253.

Pattern: `^[a-zA-Z0-9]?((?!-)([A-Za-z0-9-]*[A-Za-z0-9])\.)+[a-zA-Z0-9]+$`

Required: Yes

FleetArn (p. 39)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

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 Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

DisassociateWebsiteAuthorizationProvider

Disassociates a website authorization provider from a specified fleet. After the disassociation, users can't load any associated websites that require this authorization provider.

Request Syntax

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

{
  "AuthorizationProviderId": "string",
  "FleetArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

AuthorizationProviderId (p. 41)

A unique identifier for the authorization provider.

Type: String

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

Required: Yes

FleetArn (p. 41)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

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 Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceAlreadyExistsException

The resource already exists.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

DisassociateWebsiteCertificateAuthority

Removes a certificate authority (CA).

Request Syntax

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

{
  "FleetArn": "string",
  "WebsiteCaId": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[FleetArn \(p. 43\)](#)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

[WebsiteCaId \(p. 43\)](#)

A unique identifier for the CA.

Type: String

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

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 Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

ListDevices

Retrieves a list of devices registered with the specified fleet.

Request Syntax

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

{
  "FleetArn": "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.

FleetArn (p. 45)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

MaxResults (p. 45)

The maximum number of results to be included in the next page.

Type: Integer

Valid Range: Minimum value of 1.

Required: No

NextToken (p. 45)

The pagination token used to retrieve the next page of results for this operation. If this value is null, it retrieves the first page.

Type: String

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

Pattern: [\\w\\-]+

Required: No

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
  "Devices": [
    {
      "DeviceId": "string",
      "DeviceStatus": "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.

Devices (p. 45)

Information about the devices.

Type: Array of [DeviceSummary \(p. 86\)](#) objects

NextToken (p. 45)

The pagination token used to retrieve the next page of results for this operation. If there are no more pages, this value is null.

Type: String

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

Pattern: `[\w\ -]+`

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

ListDomains

Retrieves a list of domains associated to a specified fleet.

Request Syntax

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

{
  "FleetArn": "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.

FleetArn (p. 48)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

MaxResults (p. 48)

The maximum number of results to be included in the next page.

Type: Integer

Valid Range: Minimum value of 1.

Required: No

NextToken (p. 48)

The pagination token used to retrieve the next page of results for this operation. If this value is null, it retrieves the first page.

Type: String

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

Pattern: [\w\-\]+

Required: No

Response Syntax

```
HTTP/1.1 200
```



```
Content-type: application/json

{
  "Domains": [
    {
      "CreatedTime": number,
      "DisplayName": "string",
      "DomainName": "string",
      "DomainStatus": "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.

Domains (p. 48)

Information about the domains.

Type: Array of [DomainSummary \(p. 87\)](#) objects

NextToken (p. 48)

The pagination token used to retrieve the next page of results for this operation. If there are no more pages, this value is null.

Type: String

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

Pattern: [*\w\-*]+

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

ListFleets

Retrieves a list of fleets for the current account and Region.

Request Syntax

```
POST /listFleets 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 (p. 51)

The maximum number of results to be included in the next page.

Type: Integer

Valid Range: Minimum value of 1.

Required: No

NextToken (p. 51)

The pagination token used to retrieve the next page of results for this operation. If this value is null, it retrieves the first page.

Type: String

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

Pattern: [*\w\-*]+

Required: No

Response Syntax

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

{
  "FleetSummaryList": [
    {
      "CompanyCode": "string",
      "CreatedTime": number,
      "DisplayName": "string",

```

```
    "FleetArn": "string",
    "FleetName": "string",
    "FleetStatus": "string",
    "LastUpdatedTime": number,
    "Tags": {
      "string" : "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.

FleetSummaryList (p. 51)

The summary list of the fleets.

Type: Array of [FleetSummary](#) (p. 88) objects

NextToken (p. 51)

The pagination token used to retrieve the next page of results for this operation. If there are no more pages, this value is null.

Type: String

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

Pattern: `[\w\ -]+`

Errors

For information about the errors that are common to all actions, see [Common Errors](#) (p. 94).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

ListTagsForResource

Retrieves a list of tags for the specified resource.

Request Syntax

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

URI Request Parameters

The request uses the following URI parameters.

ResourceArn (p. 54)

The Amazon Resource Name (ARN) of the fleet.

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

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

Response Elements

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

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

Tags (p. 54)

The tags attached to the resource. A tag is a key-value pair.

Type: String to string map

Map Entries: Maximum number of 50 items.

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

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

Value Length Constraints: Maximum length of 256.

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 94\)](#).

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

See Also

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

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

ListWebsiteAuthorizationProviders

Retrieves a list of website authorization providers associated with a specified fleet.

Request Syntax

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

{
  "FleetArn": "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.

FleetArn (p. 56)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

MaxResults (p. 56)

The maximum number of results to be included in the next page.

Type: Integer

Valid Range: Minimum value of 1.

Required: No

NextToken (p. 56)

The pagination token to use to retrieve the next page of results for this operation. If this value is null, it retrieves the first page.

Type: String

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

Pattern: [\w\-\-]+

Required: No

Response Syntax

```
HTTP/1.1 200
```



```
Content-type: application/json

{
  "NextToken": "string",
  "WebsiteAuthorizationProviders": [
    {
      "AuthorizationProviderId": "string",
      "AuthorizationProviderType": "string",
      "CreatedTime": number,
      "DomainName": "string"
    }
  ]
}
```

Response Elements

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

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

NextToken (p. 56)

The pagination token to use to retrieve the next page of results for this operation. If this value is null, it retrieves the first page.

Type: String

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

Pattern: [\w\ -]+

WebsiteAuthorizationProviders (p. 56)

The website authorization providers.

Type: Array of [WebsiteAuthorizationProviderSummary \(p. 90\)](#) objects

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

ListWebsiteCertificateAuthorities

Retrieves a list of certificate authorities added for the current account and Region.

Request Syntax

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

{
  "FleetArn": "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.

FleetArn (p. 59)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

MaxResults (p. 59)

The maximum number of results to be included in the next page.

Type: Integer

Valid Range: Minimum value of 1.

Required: No

NextToken (p. 59)

The pagination token used to retrieve the next page of results for this operation. If this value is null, it retrieves the first page.

Type: String

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

Pattern: [\w\-\-]+

Required: No

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
  "NextToken": "string",
  "WebsiteCertificateAuthorities": [
    {
      "CreatedTime": number,
      "DisplayName": "string",
      "WebsiteCaId": "string"
    }
  ]
}
```

Response Elements

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

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

[NextToken \(p. 59\)](#)

The pagination token used to retrieve the next page of results for this operation. If there are no more pages, this value is null.

Type: String

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

Pattern: [\w\ -]+

[WebsiteCertificateAuthorities \(p. 59\)](#)

Information about the certificates.

Type: Array of [WebsiteCaSummary \(p. 91\)](#) objects

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

RestoreDomainAccess

Moves a domain to ACTIVE status if it was in the INACTIVE status.

Request Syntax

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

{
  "DomainName": "string",
  "FleetArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

DomainName (p. 62)

The name of the domain.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 253.

Pattern: `^[a-zA-Z0-9]?((?!-)([A-Za-z0-9-]*[A-Za-z0-9])\.)+[a-zA-Z0-9]+$`

Required: Yes

FleetArn (p. 62)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

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 Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

RevokeDomainAccess

Moves a domain to INACTIVE status if it was in the ACTIVE status.

Request Syntax

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

{
  "DomainName": "string",
  "FleetArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

DomainName (p. 64)

The name of the domain.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 253.

Pattern: `^[a-zA-Z0-9]?((?!-)([A-Za-z0-9-]*[A-Za-z0-9])\.)+[a-zA-Z0-9]+$`

Required: Yes

FleetArn (p. 64)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

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 Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

SignOutUser

Signs the user out from all of their devices. The user can sign in again if they have valid credentials.

Request Syntax

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

{
  "FleetArn": "string",
  "Username": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[FleetArn \(p. 66\)](#)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

[Username \(p. 66\)](#)

The name of the user.

Type: String

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

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 Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

TagResource

Adds or overwrites one or more tags for the specified resource, such as a fleet. Each tag consists of a key and an optional value. If a resource already has a tag with the same key, this operation updates its value.

Request Syntax

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

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

URI Request Parameters

The request uses the following URI parameters.

ResourceArn (p. 68)

The Amazon Resource Name (ARN) of the fleet.

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

Request Body

The request accepts the following data in JSON format.

Tags (p. 68)

The tags to add to the resource. A tag is a key-value pair.

Type: String to string map

Map Entries: Maximum number of 50 items.

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

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

Value Length Constraints: Maximum length of 256.

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 Errors \(p. 94\)](#).

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

See Also

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

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

UntagResource

Removes one or more 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 \(p. 70\)](#)

The Amazon Resource Name (ARN) of the fleet.

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

[TagKeys \(p. 70\)](#)

The list of tag keys to remove from the resource.

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

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

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

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 94\)](#).

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

See Also

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

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

UpdateAuditStreamConfiguration

Updates the audit stream configuration for the fleet.

Request Syntax

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

{
  "AuditStreamArn": "string",
  "FleetArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[AuditStreamArn \(p. 72\)](#)

The ARN of the Amazon Kinesis data stream that receives the audit events.

Type: String

Pattern: `^arn:aws:kinesis:.[0-9]{12}:stream/AmazonWorkLink-.*$`

Required: No

[FleetArn \(p. 72\)](#)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

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 Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

UpdateCompanyNetworkConfiguration

Updates the company network configuration for the fleet.

Request Syntax

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

{
  "FleetArn": "string",
  "SecurityGroupIds": [ "string" ],
  "SubnetIds": [ "string" ],
  "VpcId": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

FleetArn (p. 74)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

SecurityGroupIds (p. 74)

The security groups associated with access to the provided subnets.

Type: Array of strings

Array Members: Maximum number of 5 items.

Pattern: ^sg-([0-9a-f]{8}|[0-9a-f]{17})\$

Required: Yes

SubnetIds (p. 74)

The subnets used for X-ENI connections from Amazon WorkLink rendering containers.

Type: Array of strings

Pattern: ^subnet-([0-9a-f]{8}|[0-9a-f]{17})\$

Required: Yes

VpcId (p. 74)

The VPC with connectivity to associated websites.

Type: String

Pattern: ^vpc-([0-9a-f]{8}|[0-9a-f]{17})\$

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 Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

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

UpdateDevicePolicyConfiguration

Updates the device policy configuration for the fleet.

Request Syntax

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

{
  "DeviceCaCertificate": "string",
  "FleetArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

DeviceCaCertificate (p. 77)

The certificate chain, including intermediate certificates and the root certificate authority certificate used to issue device certificates.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32768.

Pattern: `(-){5}BEGIN CERTIFICATE-{5}\u000D?\u000A([A-Za-z0-9/+] {64}\u000D?\u000A)*[A-Za-z0-9/+] {1,64}={0,2}\u000D?\u000A-{5}END CERTIFICATE-{5}\u000D?\u000A*-{5}BEGIN CERTIFICATE-{5}\u000D?\u000A([A-Za-z0-9/+] {64}\u000D?\u000A)*[A-Za-z0-9/+] {1,64}={0,2}\u000D?\u000A-{5}END CERTIFICATE-{5}(\u000D?\u000A)?`

Required: No

FleetArn (p. 77)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

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 Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

UpdateDomainMetadata

Updates domain metadata, such as DisplayName.

Request Syntax

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

{
  "DisplayName": "string",
  "DomainName": "string",
  "FleetArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

DisplayName (p. 79)

The name to display.

Type: String

Length Constraints: Maximum length of 100.

Required: No

DomainName (p. 79)

The name of the domain.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 253.

Pattern: `^[a-zA-Z0-9]?((?!-)([A-Za-z0-9]*[A-Za-z0-9])\.)+[a-zA-Z0-9]+$`

Required: Yes

FleetArn (p. 79)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

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 Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

UpdateFleetMetadata

Updates fleet metadata, such as DisplayName.

Request Syntax

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

{
  "DisplayName": "string",
  "FleetArn": "string",
  "OptimizeForEndUserLocation": boolean
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

DisplayName (p. 81)

The fleet name to display. The existing DisplayName is unset if null is passed.

Type: String

Length Constraints: Maximum length of 100.

Required: No

FleetArn (p. 81)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

OptimizeForEndUserLocation (p. 81)

The option to optimize for better performance by routing traffic through the closest AWS Region to users, which may be outside of your home Region.

Type: Boolean

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 Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

UpdateIdentityProviderConfiguration

Updates the identity provider configuration for the fleet.

Request Syntax

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

{
  "FleetArn": "string",
  "IdentityProviderSamlMetadata": "string",
  "IdentityProviderType": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

FleetArn (p. 83)

The ARN of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: Yes

IdentityProviderSamlMetadata (p. 83)

The SAML metadata document provided by the customer's identity provider. The existing IdentityProviderSamlMetadata is unset if null is passed.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 204800.

Required: No

IdentityProviderType (p. 83)

The type of identity provider.

Type: String

Valid Values: SAML

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 Errors \(p. 94\)](#).

InternalServerErrorException

The service is temporarily unavailable.

HTTP Status Code: 500

InvalidRequestException

The request is not valid.

HTTP Status Code: 400

ResourceNotFoundException

The requested resource was not found.

HTTP Status Code: 404

TooManyRequestsException

The number of requests exceeds the limit.

HTTP Status Code: 429

UnauthorizedException

You are not authorized to perform this action.

HTTP Status Code: 403

See Also

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

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

Data Types

The Amazon WorkLink 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:

- [DeviceSummary](#) (p. 86)
- [DomainSummary](#) (p. 87)
- [FleetSummary](#) (p. 88)
- [WebsiteAuthorizationProviderSummary](#) (p. 90)
- [WebsiteCaSummary](#) (p. 91)

DeviceSummary

The summary of devices.

Contents

DeviceId

The ID of the device.

Type: String

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

Required: No

DeviceStatus

The status of the device.

Type: String

Valid Values: `ACTIVE` | `SIGNED_OUT`

Required: No

See Also

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

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

DomainSummary

The summary of the domain.

Contents

CreatedTime

The time that the domain was created.

Type: Timestamp

Required: Yes

DisplayName

The name to display.

Type: String

Length Constraints: Maximum length of 100.

Required: No

DomainName

The name of the domain.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 253.

Pattern: `^[a-zA-Z0-9]?((?!-)([A-Za-z0-9-]*[A-Za-z0-9])\.)+[a-zA-Z0-9]+$`

Required: Yes

DomainStatus

The status of the domain.

Type: String

Valid Values: `PENDING_VALIDATION | ASSOCIATING | ACTIVE | INACTIVE | DISASSOCIATING | DISASSOCIATED | FAILED_TO_ASSOCIATE | FAILED_TO_DISASSOCIATE`

Required: Yes

See Also

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

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

FleetSummary

The summary of the fleet.

Contents

CompanyCode

The identifier used by users to sign into the Amazon WorkLink app.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Required: No

CreatedTime

The time when the fleet was created.

Type: Timestamp

Required: No

DisplayName

The name of the fleet to display.

Type: String

Length Constraints: Maximum length of 100.

Required: No

FleetArn

The Amazon Resource Name (ARN) of the fleet.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Required: No

FleetName

The name of the fleet.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 48.

Pattern: `^[a-z0-9](?:[a-z0-9\-\]{0,46}[a-z0-9])?$`

Required: No

FleetStatus

The status of the fleet.

Type: String

Valid Values: `CREATING` | `ACTIVE` | `DELETING` | `DELETED` | `FAILED_TO_CREATE` | `FAILED_TO_DELETE`

Required: No

LastUpdatedTime

The time when the fleet was last updated.

Type: Timestamp

Required: No

Tags

The tags attached to the resource. A tag is a key-value pair.

Type: String to string map

Map Entries: Maximum number of 50 items.

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

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

Value Length Constraints: Maximum length of 256.

Required: No

See Also

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

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

WebsiteAuthorizationProviderSummary

The summary of the website authorization provider.

Contents

AuthorizationProviderId

A unique identifier for the authorization provider.

Type: String

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

Required: No

AuthorizationProviderType

The authorization provider type.

Type: String

Valid Values: SAML

Required: Yes

CreatedTime

The time of creation.

Type: Timestamp

Required: No

DomainName

The domain name of the authorization provider. This applies only to SAML-based authorization providers.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 253.

Pattern: `^[a-zA-Z0-9]?((?!-)([A-Za-z0-9-]*[A-Za-z0-9])\.)+[a-zA-Z0-9]+$`

Required: No

See Also

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

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

WebsiteCaSummary

The summary of the certificate authority (CA).

Contents

CreatedTime

The time when the CA was added.

Type: Timestamp

Required: No

DisplayName

The name to display.

Type: String

Length Constraints: Maximum length of 100.

Required: No

WebsiteCald

A unique identifier for the CA.

Type: String

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

Required: No

See Also

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

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

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 [Signature Version 4 Signing Process](#) in the *Amazon Web Services General Reference*.

Action

The action to be performed.

Type: string

Required: Yes

Version

The API version that the request is written for, expressed in the format YYYY-MM-DD.

Type: string

Required: Yes

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 [Task 2: Create a String to Sign for Signature Version 4](#) in the *Amazon Web Services General Reference*.

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'THHMMSS'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 [Handling Dates in Signature Version 4](#) in the *Amazon Web Services General Reference*.

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 Security Token Service, go to [AWS Services That Work with IAM](#) in the *IAM User Guide*.

Condition: If you're using temporary security credentials from the AWS Security Token Service, 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 [Task 1: Create a Canonical Request For Signature Version 4](#) in the *Amazon Web Services General Reference*.

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 Errors

This section lists the errors common to the API actions of all AWS services. For errors specific to an API action for this service, see the topic for that API action.

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 400

IncompleteSignature

The request signature does not conform to AWS standards.

HTTP Status Code: 400

InternalFailure

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

InvalidAction

The action or operation requested is invalid. Verify that the action is typed correctly.

HTTP Status Code: 400

InvalidClientTokenId

The X.509 certificate or AWS access key ID provided does not exist in our records.

HTTP Status Code: 403

InvalidParameterCombination

Parameters that must not be used together were used together.

HTTP Status Code: 400

InvalidParameterValue

An invalid or out-of-range value was supplied for the input parameter.

HTTP Status Code: 400

InvalidQueryParameter

The AWS query string is malformed or does not adhere to AWS standards.

HTTP Status Code: 400

MalformedQueryString

The query string contains a syntax error.

HTTP Status Code: 404

MissingAction

The request is missing an action or a required parameter.

HTTP Status Code: 400

MissingAuthenticationToken

The request must contain either a valid (registered) AWS access key ID or X.509 certificate.

HTTP Status Code: 403

MissingParameter

A required parameter for the specified action is not supplied.

HTTP Status Code: 400

NotAuthorized

You do not have permission to perform this action.

HTTP Status Code: 400

OptInRequired

The AWS access key ID needs a subscription for the service.

HTTP Status Code: 403

RequestExpired

The request reached the service more than 15 minutes after the date stamp on the request or more than 15 minutes after the request expiration date (such as for pre-signed URLs), or the date stamp on the request is more than 15 minutes in the future.

HTTP Status Code: 400

ServiceUnavailable

The request has failed due to a temporary failure of the server.

HTTP Status Code: 503

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationError

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

HTTP Status Code: 400