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Welcome

The WorkDocs API is designed for the following use cases:

- **File Migration**: File migration applications are supported for users who want to migrate their files from an on-premises or off-premises file system or service. Users can insert files into a user directory structure, as well as allow for basic metadata changes, such as modifications to the permissions of files.

- **Security**: Support security applications are supported for users who have additional security needs, such as antivirus or data loss prevention. The API actions, along with AWS CloudTrail, allow these applications to detect when changes occur in Amazon WorkDocs. Then, the application can take the necessary actions and replace the target file. If the target file violates the policy, the application can also choose to email the user.

- **eDiscovery/Analytics**: General administrative applications are supported, such as eDiscovery and analytics. These applications can choose to mimic or record the actions in an Amazon WorkDocs site, along with AWS CloudTrail, to replicate data for eDiscovery, backup, or analytical applications.

All Amazon WorkDocs API actions are Amazon authenticated and certificate-signed. They not only require the use of the AWS SDK, but also allow for the exclusive use of IAM users and roles to help facilitate access, trust, and permission policies. By creating a role and allowing an IAM user to access the Amazon WorkDocs site, the IAM user gains full administrative visibility into the entire Amazon WorkDocs site (or as set in the IAM policy). This includes, but is not limited to, the ability to modify file permissions and upload any file to any user. This allows developers to perform the three use cases above, as well as give users the ability to grant access on a selective basis using the IAM model.

This document was last published on May 8, 2018.
Actions

The following actions are supported:

- AbortDocumentVersionUpload (p. 4)
- ActivateUser (p. 6)
- AddResourcePermissions (p. 9)
- CreateComment (p. 12)
- CreateCustomMetadata (p. 16)
- CreateFolder (p. 19)
- CreateLabels (p. 22)
- CreateNotificationSubscription (p. 25)
- CreateUser (p. 28)
- DeactivateUser (p. 32)
- DeleteComment (p. 34)
- DeleteCustomMetadata (p. 37)
- DeleteDocument (p. 40)
- DeleteFolder (p. 42)
- DeleteFolderContents (p. 44)
- DeleteLabels (p. 46)
- DeleteNotificationSubscription (p. 48)
- DeleteUser (p. 50)
- DescribeActivities (p. 52)
- DescribeComments (p. 56)
- DescribeDocumentVersions (p. 59)
- DescribeFolderContents (p. 62)
- DescribeGroups (p. 66)
- DescribeNotificationSubscriptions (p. 69)
- DescribeResourcePermissions (p. 71)
- DescribeRootFolders (p. 74)
- DescribeUsers (p. 77)
- GetCurrentUser (p. 81)
- GetDocument (p. 84)
- GetDocumentPath (p. 87)
- GetDocumentVersion (p. 90)
- GetFolder (p. 93)
- GetFolderPath (p. 96)
- InitiateDocumentVersionUpload (p. 99)
- RemoveAllResourcePermissions (p. 104)
- RemoveResourcePermission (p. 106)
- UpdateDocument (p. 108)
- UpdateDocumentVersion (p. 111)
- UpdateFolder (p. 114)
- UpdateUser (p. 117)
AbortDocumentVersionUpload

Aborts the upload of the specified document version that was previously initiated by `InitiateDocumentVersionUpload` (p. 99). The client should make this call only when it no longer intends to upload the document version, or fails to do so.

**Request Syntax**

```
DELETE /api/v1/documents/DocumentId/versions/VersionId HTTP/1.1
Authentication: AuthenticationToken
```

**URI Request Parameters**

The request requires the following URI parameters.

**AuthenticationToken (p. 4)**

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


**DocumentId (p. 4)**

The ID of the document.


Pattern: `\w+.-@]+`

**VersionId (p. 4)**

The ID of the version.


Pattern: `\w+.-@]+`

**Request Body**

The request does not have a request body.

**Response Syntax**

```
HTTP/1.1 204
```

**Response Elements**

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

**Errors**

For information about the errors that are common to all actions, see `Common Errors` (p. 159).
EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
ActivateUser

Activates the specified user. Only active users can access Amazon WorkDocs.

Request Syntax

POST /api/v1/users/UserId/activation HTTP/1.1
Authentication: AuthenticationToken

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 6)
Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


UserId (p. 6)
The ID of the user.

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

Pattern: [\w+-.@]+

Request Body

The request does not have a request body.

Response Syntax

HTTP/1.1 200
Content-type: application/json

{  
  "User": {  
    "CreatedTimestamp": number,
    "EmailAddress": "string",
    "GivenName": "string",
    "Id": "string",
    "Locale": "string",
    "ModifiedTimestamp": number,
    "OrganizationId": "string",
    "RecycleBinFolderId": "string",
    "RootFolderId": "string",
    "Status": "string",
    "Storage": {  
      "StorageRule": {  
        "StorageAllocatedInBytes": number,
        "StorageType": "string"
      },
      "StorageUtilizedInBytes": number
    },

  },

}
Response Elements

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

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

User (p. 6)

The user information.

Type: User (p. 151) object

Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
See Also

- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
AddResourcePermissions

Creates a set of permissions for the specified folder or document. The resource permissions are overwritten if the principals already have different permissions.

Request Syntax

POST /api/v1/resources/ResourceId/permissions HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json

{
    "NotificationOptions": {
        "EmailMessage": "string",
        "SendEmail": boolean
    },
    "Principals": [
        {
            "Id": "string",
            "Role": "string",
            "Type": "string"
        }
    ]
}

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 9)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


ResourceId (p. 9)

The ID of the resource.


Pattern: [\w+-.@]+

Request Body

The request accepts the following data in JSON format.

NotificationOptions (p. 9)

The notification options.

Type: NotificationOptions (p. 137) object

Required: No

Principals (p. 9)

The users, groups, or organization being granted permission.
Response Syntax

HTTP/1.1 201
Content-type: application/json

{
   "ShareResults": [
   {
      "PrincipalId": "string",
      "Role": "string",
      "ShareId": "string",
      "Status": "string",
      "StatusMessage": "string"
   }
   ]
}

Response Elements

If the action is successful, the service sends back an HTTP 201 response.
The following data is returned in JSON format by the service.

ShareResults (p. 10)

The share results.

Type: Array of ShareResult (p. 146) objects

Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.
HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
CreateComment

Adds a new comment to the specified document version.

**Request Syntax**

```plaintext
POST /api/v1/documents/DocumentId/versions/VersionId/comment HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json

{
    "NotifyCollaborators": boolean,
    "ParentId": "string",
    "Text": "string",
    "ThreadId": "string",
    "Visibility": "string"
}
```

**URI Request Parameters**

The request requires the following URI parameters.

- **AuthenticationToken (p. 12)**
  
  Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.
  

- **DocumentId (p. 12)**
  
  The ID of the document.
  
  
  Pattern: `[\w+-.@]+`

- **VersionId (p. 12)**
  
  The ID of the document version.
  
  
  Pattern: `[\w+-.@]+`

**Request Body**

The request accepts the following data in JSON format.

- **NotifyCollaborators (p. 12)**
  
  Set this parameter to TRUE to send an email out to the document collaborators after the comment is created.
  
  Type: Boolean

  Required: No
ParentId (p. 12)
The ID of the parent comment.
Type: String
Pattern: [\w+-.@]+
Required: No

Text (p. 12)
The text of the comment.
Type: String
Length Constraints: Minimum length of 1. Maximum length of 2048.
Required: Yes

ThreadId (p. 12)
The ID of the root comment in the thread.
Type: String
Pattern: [\w+-.@]+
Required: No

Visibility (p. 12)
The visibility of the comment. Options are either PRIVATE, where the comment is visible only to the comment author and document owner and co-owners, or PUBLIC, where the comment is visible to document owners, co-owners, and contributors.
Type: String
Valid Values: PUBLIC | PRIVATE
Required: No

Response Syntax

HTTP/1.1 201
Content-type: application/json

{
  "Comment": {
    "CommentId": "string",
    "Contributor": {
      "CreatedTimestamp": number,
      "EmailAddress": "string",
      "GivenName": "string",
      "Id": "string",
      "Locale": "string",
      "ModifiedTimestamp": number,
      "OrganizationId": "string",
      "RecycleBinFolderId": "string",
      "RootFolderId": "string",
    }
  }
}
Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

Comment (p. 13)

The comment that has been created.

Type: Comment (p. 124) object

Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

DocumentLockedForCommentsException

This exception is thrown when the document is locked for comments and user tries to create or delete a comment on that document.

HTTP Status Code: 409

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ProhibitedStateException

The specified document version is not in the INITIALIZED state.
HTTP Status Code: 409

**ServiceUnavailableException**

One or more of the dependencies is unavailable.

HTTP Status Code: 503

**UnauthorizedOperationException**

The operation is not permitted.

HTTP Status Code: 403

**UnauthorizedResourceAccessException**

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

**See Also**

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
CreateCustomMetadata

Adds one or more custom properties to the specified resource (a folder, document, or version).

Request Syntax

PUT /api/v1/resources/ResourceId/customMetadata?versionId=VersionId HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json
{
  "CustomMetadata": {
    "string": "string"
  }
}

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 16)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


ResourceId (p. 16)

The ID of the resource.


Pattern: \[\w+-.@]+

VersionId (p. 16)

The ID of the version, if the custom metadata is being added to a document version.


Pattern: \[\w+-.@]+

Request Body

The request accepts the following data in JSON format.

CustomMetadata (p. 16)

Custom metadata in the form of name-value pairs.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 56.

Key Pattern: [a-zA-Z0-9_.+-/=][a-zA-Z0-9_.+-/=]*
Value Length Constraints: Minimum length of 1. Maximum length of 256.

Value Pattern: [a-zA-Z0-9._+-/=]*[a-zA-Z0-9._+-/=]*

Required: Yes

Response Syntax

HTTP/1.1 200

Response Elements

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

Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

CustomMetadataLimitExceededException

The limit has been reached on the number of custom properties for the specified resource.

HTTP Status Code: 429

EntityDoesNotExistException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404
See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
CreateFolder

Creates a folder with the specified name and parent folder.

Request Syntax

```
POST /api/v1/folders HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json

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

URI Request Parameters

The request requires the following URI parameters.

**AuthenticationToken (p. 19)**

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


Request Body

The request accepts the following data in JSON format.

**Name (p. 19)**

The name of the new folder.

Type: String

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

Pattern: \[\u0020-\u202D\u202F-\uFFFF]+

Required: No

**ParentFolderId (p. 19)**

The ID of the parent folder.

Type: String


Pattern: \[\w+-.@]+

Required: Yes

Response Syntax

```
HTTP/1.1 201
```

API Version 2016-05-01
Content-type: application/json

{
    "Metadata": {
        "CreatedTimestamp": number,
        "CreatorId": "string",
        "Id": "string",
        "Labels": [ "string" ],
        "LatestVersionSize": number,
        "ModifiedTimestamp": number,
        "Name": "string",
        "ParentFolderId": "string",
        "ResourceState": "string",
        "Signature": "string",
        "Size": number
    }
}

Response Elements

If the action is successful, the service sends back an HTTP 201 response. The following data is returned in JSON format by the service.

Metadata (p. 19)

The metadata of the folder.

Type: FolderMetadata (p. 133) object

Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

EntityAlreadyExistsException

The resource already exists.

HTTP Status Code: 409

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

LimitExceededException

The maximum of 100,000 folders under the parent folder has been exceeded.

HTTP Status Code: 409

ProhibitedStateException

The specified document version is not in the INITIALIZED state.
HTTP Status Code: 409
ServiceUnavailableException
One or more of the dependencies is unavailable.

HTTP Status Code: 503
UnauthorizedOperationException
The operation is not permitted.

HTTP Status Code: 403
UnauthorizedResourceAccessException
The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
CreateLabels

Adds the specified list of labels to the given resource (a document or folder)

Request Syntax

```plaintext
PUT /api/v1/resources/ResourceId/labels HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json

{
  "Labels": [ "string" ]
}
```

URI Request Parameters

The request requires the following URI parameters.

**AuthenticationToken (p. 22)**

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


**ResourceId (p. 22)**

The ID of the resource.


Pattern: [\w+-.@]+

Request Body

The request accepts the following data in JSON format.

**Labels (p. 22)**

List of labels to add to the resource.

Type: Array of strings

Array Members: Maximum number of 20 items.


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

Required: Yes

Response Syntax

```plaintext
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. 159).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

TooManyLabelsException

The limit has been reached on the number of labels for the specified resource.

HTTP Status Code: 429

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
CreateNotificationSubscription

Configure WorkDocs to use Amazon SNS notifications.

The endpoint receives a confirmation message, and must confirm the subscription. For more information, see Confirm the Subscription in the Amazon Simple Notification Service Developer Guide.

Request Syntax

```
POST /api/v1/organizations/OrganizationId/subscriptions HTTP/1.1
Content-type: application/json

{
   "Endpoint": "string",
   "Protocol": "string",
   "SubscriptionType": "string"
}
```

URI Request Parameters

The request requires the following URI parameters.

**OrganizationId (p. 25)**

The ID of the organization.

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

Pattern: [\w\-\.]+

Request Body

The request accepts the following data in JSON format.

**Endpoint (p. 25)**

The endpoint to receive the notifications. If the protocol is HTTPS, the endpoint is a URL that begins with "https://".

Type: String

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

Required: Yes

**Protocol (p. 25)**

The protocol to use. The supported value is https, which delivers JSON-encoded messages using HTTPS POST.

Type: String

Valid Values: HTTPS

Required: Yes

**SubscriptionType (p. 25)**

The notification type.
Response Syntax

HTTP/1.1 200
Content-type: application/json

{  
  "Subscription": {  
    "EndPoint": "string",
    "Protocol": "string",
    "SubscriptionId": "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.

Subscription (p. 26)

The subscription.

Type: Subscription (p. 149) object

Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

TooManySubscriptionsException

You've reached the limit on the number of subscriptions for the WorkDocs instance.

HTTP Status Code: 429

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:
• AWS Command Line Interface
• AWS SDK for .NET
• AWS SDK for C++
• AWS SDK for Go
• AWS SDK for Java
• AWS SDK for JavaScript
• AWS SDK for PHP V3
• AWS SDK for Python
• AWS SDK for Ruby V2
CreateUser

Creates a user in a Simple AD or Microsoft AD directory. The status of a newly created user is "ACTIVE". New users can access Amazon WorkDocs.

Request Syntax

POST /api/v1/users HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json

{
    "EmailAddress": "string",
    "GivenName": "string",
    "OrganizationId": "string",
    "Password": "string",
    "StorageRule": {
        "StorageAllocatedInBytes": number,
        "StorageType": "string"
    },
    "Surname": "string",
    "TimeZoneId": "string",
    "Username": "string"
}

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 28)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


Request Body

The request accepts the following data in JSON format.

EmailAddress (p. 28)

The email address of the user.

Type: String

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

Pattern: [a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}

Required: No

GivenName (p. 28)

The given name of the user.

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

Required: Yes

**OrganizationId (p. 28)**

The ID of the organization.

Type: String

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

Pattern: `[&\w+-\.@]+`

Required: No

**Password (p. 28)**

The password of the user.

Type: String


Pattern: `[^\u0020-\u00FF]+`

Required: Yes

**StorageRule (p. 28)**

The amount of storage for the user.

Type: `StorageRuleType (p. 148)` object

Required: No

**Surname (p. 28)**

The surname of the user.

Type: String

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

Required: Yes

**TimeZoneId (p. 28)**

The time zone ID of the user.

Type: String

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

Required: No

**Username (p. 28)**

The login name of the user.

Type: String

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

Pattern: `[^\w\-\.]+(@[a-zA-Z0-9-]+.\-)+\.(a-zA-Z]+)?`

Required: Yes
Response Syntax

HTTP/1.1 201
Content-type: application/json

{
    "User": {
        "CreatedTimestamp": number,
        "EmailAddress": "string",
        "GivenName": "string",
        "Id": "string",
        "Locale": "string",
        "ModifiedTimestamp": number,
        "OrganizationId": "string",
        "RecycleBinFolderId": "string",
        "RootFolderId": "string",
        "Status": "string",
        "Storage": {
            "StorageRule": {
                "StorageAllocatedInBytes": number,
                "StorageType": "string"
            },
            "StorageUtilizedInBytes": number
        },
        "Surname": "string",
        "TimeZoneId": "string",
        "Type": "string",
        "Username": "string"
    }
}

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

User (p. 30)

The user information.

Type: User (p. 151) object

Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

EntityAlreadyExistsException

The resource already exists.

HTTP Status Code: 409

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424
ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
DeactivateUser

Deactivates the specified user, which revokes the user's access to Amazon WorkDocs.

Request Syntax

DELETE /api/v1/users/UserId/activation HTTP/1.1
Authentication: AuthenticationToken

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 32)
Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

UserId (p. 32)
The ID of the user.
Length Constraints: Minimum length of 1. Maximum length of 256.
Pattern: [\w\-\.@]+

Request Body

The request does not have a request body.

Response Syntax

HTTP/1.1 204

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

EntityNotExistsException
The resource does not exist.
HTTP Status Code: 404

FailedDependencyException
The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.
HTTP Status Code: 424

**ServiceUnavailableException**

One or more of the dependencies is unavailable.

HTTP Status Code: 503

**UnauthorizedOperationException**

The operation is not permitted.

HTTP Status Code: 403

**UnauthorizedResourceAccessException**

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

---

**See Also**

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
DeleteComment

Deletes the specified comment from the document version.

Request Syntax

```
DELETE /api/v1/documents/DocumentId/versions/VersionId/comment/CommentId HTTP/1.1
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

**AuthToken (p. 34)**

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


**CommentId (p. 34)**

The ID of the comment.


Pattern: \[\w+-.@]+  

**DocumentId (p. 34)**

The ID of the document.


Pattern: \[\w+-.@]+  

**VersionId (p. 34)**

The ID of the document version.


Pattern: \[\w+-.@]+  

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.
Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

**DocumentLockedForCommentsException**

This exception is thrown when the document is locked for comments and user tries to create or delete a comment on that document.

HTTP Status Code: 409

**EntityNotExistsException**

The resource does not exist.

HTTP Status Code: 404

**FailedDependencyException**

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

**ProhibitedStateException**

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

**ServiceUnavailableException**

One or more of the dependencies is unavailable.

HTTP Status Code: 503

**UnauthorizedOperationException**

The operation is not permitted.

HTTP Status Code: 403

**UnauthorizedResourceAccessException**

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
• AWS SDK for Ruby V2
DeleteCustomMetadata

Deletes custom metadata from the specified resource.

**Request Syntax**

```
DELETE /api/v1/resources/ResourceId/customMetadata?
deleteAll=DeleteAll&keys=Keys&versionId=VersionId HTTP/1.1
Authentication: AuthenticationToken
```

**URI Request Parameters**

The request requires the following URI parameters.

- **AuthenticationToken (p. 37)**
  - Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

- **DeleteAll (p. 37)**
  - Flag to indicate removal of all custom metadata properties from the specified resource.

- **Keys (p. 37)**
  - List of properties to remove.
  - Array Members: Maximum number of 8 items.
  - Pattern: `[a-zA-Z0-9._+-/\=][a-zA-Z0-9 ._+-/\=]*`

- **ResourceId (p. 37)**
  - The ID of the resource, either a document or folder.
  - Pattern: `[\w+-.@]+`

- **VersionId (p. 37)**
  - The ID of the version, if the custom metadata is being deleted from a document version.
  - Pattern: `[\w+-.@]+`

**Request Body**

The request does not have a request body.

**Response Syntax**

```
HTTP/1.1 200
```

API Version 2016-05-01
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. 159).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
DeleteDocument

Permanently deletes the specified document and its associated metadata.

Request Syntax

DELETE /api/v1/documents/DocumentId HTTP/1.1
Authentication: AuthenticationToken

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 40)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


DocumentId (p. 40)

The ID of the document.


Pattern: \[\w+-.@]+

Request Body

The request does not have a request body.

Response Syntax

HTTP/1.1 204

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

ConcurrentModificationException

The resource hierarchy is changing.

HTTP Status Code: 409

EntityNotExistsException

The resource does not exist.
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
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
DeleteFolder

Permanently deletes the specified folder and its contents.

Request Syntax

```
DELETE /api/v1/folders/{FolderId} HTTP/1.1
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 42)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


FolderId (p. 42)

The ID of the folder.


Pattern: \[\w+-.@]+

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

ConcurrentModificationException

The resource hierarchy is changing.

HTTP Status Code: 409

EntityNotExistsException

The resource does not exist.
HTTP Status Code: 404

**FailedDependencyException**

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

**ProhibitedStateException**

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

**ServiceUnavailableException**

One or more of the dependencies is unavailable.

HTTP Status Code: 503

**UnauthorizedOperationException**

The operation is not permitted.

HTTP Status Code: 403

**UnauthorizedResourceAccessException**

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

### See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
DeleteFolderContents

Deletes the contents of the specified folder.

**Request Syntax**

```
DELETE /api/v1/folders/FolderId/contents HTTP/1.1
Authentication: AuthenticationToken
```

**URI Request Parameters**

The request requires the following URI parameters.

**AuthenticationToken (p. 44)**

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


**FolderId (p. 44)**

The ID of the folder.


Pattern: \[\w+-.@]+

**Request Body**

The request does not have a request body.

**Response Syntax**

```
HTTP/1.1 204
```

**Response Elements**

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

**Errors**

For information about the errors that are common to all actions, see Common Errors (p. 159).

**EntityNotExistsException**

The resource does not exist.

HTTP Status Code: 404

**FailedDependencyException**

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

API Version 2016-05-01
HTTP Status Code: 424
ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503
UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403
UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
DeleteLabels

Deletes the specified list of labels from a resource.

**Request Syntax**

```
DELETE /api/v1/resources/ResourceId/labels?deleteAll=DeleteAll&labels=Labels HTTP/1.1
Authentication: AuthenticationToken
```

**URI Request Parameters**

The request requires the following URI parameters.

- **AuthenticationToken (p. 46)**
  Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

- **DeleteAll (p. 46)**
  Flag to request removal of all labels from the specified resource.

- **Labels (p. 46)**
  List of labels to delete from the resource.
  Array Members: Maximum number of 20 items.
  Pattern: `[a-zA-Z0-9._+-/=][a-zA-Z0-9._+-/=]*`

- **ResourceId (p. 46)**
  The ID of the resource.
  Pattern: `\w+-@[\w.-]+`

**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. 159).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
DeleteNotificationSubscription

Deletes the specified subscription from the specified organization.

Request Syntax

```
DELETE /api/v1/organizations/OrganizationId/subscriptions/SubscriptionId HTTP/1.1
```

URI Request Parameters

The request requires the following URI parameters.

**OrganizationId (p. 48)**

- The ID of the organization.
- Pattern: `[\w\-\.@]+`

**SubscriptionId (p. 48)**

- The ID of the subscription.
- Pattern: `[\w\-\.@]+`

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. 159).

**EntityNotExistsException**

- The resource does not exist.
- HTTP Status Code: 404

**ProhibitedStateException**

- The specified document version is not in the INITIALIZED state.
HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
DeleteUser

Deletes the specified user from a Simple AD or Microsoft AD directory.

Request Syntax

```
DELETE /api/v1/users/UserId HTTP/1.1
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

- **AuthenticationToken (p. 50)**
  - Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

- **UserId (p. 50)**
  - The ID of the user.
  - Pattern: `[^\w+-.@]+`

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

- **EntityDoesNotExistException**
  - The resource does not exist.
  - HTTP Status Code: 404

- **FailedDependencyException**
  - The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

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HTTP Status Code: 424

**ServiceUnavailableException**

One or more of the dependencies is unavailable.

HTTP Status Code: 503

**UnauthorizedOperationException**

The operation is not permitted.

HTTP Status Code: 403

**UnauthorizedResourceAccessException**

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

**See Also**

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
DescribeActivities

Describes the user activities in a specified time period.

Request Syntax

```
GET /api/v1/activities?
endTime=EndTime&limit=Limit&marker=Marker&organizationId=OrganizationId&startTime=StartTime&userId=UserId
HTTP/1.1
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

**AuthenticationToken (p. 52)**

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


**EndTime (p. 52)**

The timestamp that determines the end time of the activities. The response includes the activities performed before the specified timestamp.

**Limit (p. 52)**

The maximum number of items to return.

Valid Range: Minimum value of 1. Maximum value of 999.

**Marker (p. 52)**

The marker for the next set of results.

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

Pattern: [\u0000-\u00FF]+

**OrganizationId (p. 52)**

The ID of the organization. This is a mandatory parameter when using administrative API (SigV4) requests.

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

Pattern: [\w+-.@]+

**StartTime (p. 52)**

The timestamp that determines the starting time of the activities. The response includes the activities performed after the specified timestamp.

**UserId (p. 52)**

The ID of the user who performed the action. The response includes activities pertaining to this user. This is an optional parameter and is only applicable for administrative API (SigV4) requests.

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

The request does not have a request body.

Response Syntax

HTTP/1.1 200
Content-type: application/json

```json
{
    "Marker": "string",
    "UserActivities": [
        {
            "CommentMetadata": {
                "CommentId": "string",
                "CommentStatus": "string",
                "Contributor": {
                    "CreatedTimestamp": number,
                    "EmailAddress": "string",
                    "GivenName": "string",
                    "Id": "string",
                    "Locale": "string",
                    "ModifiedTimestamp": number,
                    "OrganizationId": "string",
                    "RecycleBinFolderId": "string",
                    "RootFolderId": "string",
                    "Status": "string",
                    "Storage": {
                        "StorageRule": {
                            "StorageAllocatedInBytes": number,
                            "StorageType": "string"
                        },
                        "StorageUtilizedInBytes": number
                    },
                    "Surname": "string",
                    "TimeZoneId": "string",
                    "Type": "string",
                    "Username": "string"
                },
                "CreatedTimestamp": number,
                "RecipientId": "string"
            },
            "Initiator": {
                "EmailAddress": "string",
                "GivenName": "string",
                "Id": "string",
                "Surname": "string",
                "Username": "string"
            },
            "OrganizationId": "string",
            "OriginalParent": {
                "Id": "string",
                "Name": "string",
                "OriginalName": "string",
                "Owner": {
                    "EmailAddress": "string",
                    "GivenName": "string",
                    "Id": "string",
                    "Surname": "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.

**Marker (p. 53)**

The marker for the next set of results.

Type: String

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

Pattern: [ -ÿ]+

**UserActivities (p. 53)**

The list of activities for the specified user and time period.

Type: Array of Activity (p. 122) objects
Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

**FailedDependencyException**

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

**InvalidArgumentException**

The pagination marker or limit fields are not valid.

HTTP Status Code: 400

**ServiceUnavailableException**

One or more of the dependencies is unavailable.

HTTP Status Code: 503

**UnauthorizedOperationException**

The operation is not permitted.

HTTP Status Code: 403

**UnauthorizedResourceAccessException**

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
DescribeComments

List all the comments for the specified document version.

Request Syntax

GET /api/v1/documents/DocumentId/versions/VersionId/comments?limit=Limit&marker=Marker
HTTP/1.1
Authentication: AuthenticationToken

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 56)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


DocumentId (p. 56)

The ID of the document.


Pattern: [\w+-.@]+

Limit (p. 56)

The maximum number of items to return.

Valid Range: Minimum value of 1. Maximum value of 999.

Marker (p. 56)

The marker for the next set of results. This marker was received from a previous call.

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

Pattern: [\u0000-\u00FF]+

VersionId (p. 56)

The ID of the document version.


Pattern: [\w+-.@]+

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.

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

Comments (p. 56)

The list of comments for the specified document version.

Type: Array of Comment (p. 124) objects

Marker (p. 56)

The marker for the next set of results. This marker was received from a previous call.

Type: String

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

Pattern: \[\u0000-\u0FF\]+
Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

**EntityNotExistsException**

The resource does not exist.

HTTP Status Code: 404

**FailedDependencyException**

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

**ProhibitedStateException**

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

**ServiceUnavailableException**

One or more of the dependencies is unavailable.

HTTP Status Code: 503

**UnauthorizedOperationException**

The operation is not permitted.

HTTP Status Code: 403

**UnauthorizedResourceAccessException**

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
DescribeDocumentVersions

Retrieves the document versions for the specified document.

By default, only active versions are returned.

Request Syntax

```
GET /api/v1/documents/DocumentId/versions?
fields=Fields&include=Include&limit=Limit&marker=Marker HTTP/1.1
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 59)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


DocumentId (p. 59)

The ID of the document.


Pattern: [\w+-.@]+

Fields (p. 59)

Specify "SOURCE" to include initialized versions and a URL for the source document.

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

Pattern: [\w, ]+

Include (p. 59)

A comma-separated list of values. Specify "INITIALIZED" to include incomplete versions.

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

Pattern: [\w, ]+

Limit (p. 59)

The maximum number of versions to return with this call.

Valid Range: Minimum value of 1. Maximum value of 999.

Marker (p. 59)

The marker for the next set of results. (You received this marker from a previous call.)

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

The request does not have a request body.

Response Syntax

HTTP/1.1 200
Content-type: application/json

{
  "DocumentVersions": [
    {
      "ContentCreatedTimestamp": number,
      "ContentModifiedTimestamp": number,
      "ContentType": "string",
      "CreatedTimestamp": number,
      "CreatorId": "string",
      "Id": "string",
      "ModifiedTimestamp": number,
      "Name": "string",
      "Signature": "string",
      "Size": number,
      "Source": {
        "string": "string"
      },
      "Status": "string",
      "Thumbnail": {
        "string": "string"
      }
    }
  ],
  "Marker": "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.

**DocumentVersions (p. 60)**

The document versions.

Type: Array of DocumentVersionMetadata (p. 130) objects

**Marker (p. 60)**

The marker to use when requesting the next set of results. If there are no additional results, the string is empty.

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 Errors (p. 159).
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
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

InvalidArgumentException

The pagination marker or limit fields are not valid.

HTTP Status Code: 400

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404
DescribeFolderContents

Describes the contents of the specified folder, including its documents and subfolders.

By default, Amazon WorkDocs returns the first 100 active document and folder metadata items. If there are more results, the response includes a marker that you can use to request the next set of results. You can also request initialized documents.

Request Syntax

GET /api/v1/folders/FolderId/contents?
include=Include&limit=Limit&marker=Marker&order=Order&sort=Sort&type=Type HTTP/1.1
Authentication: AuthenticationToken

URI Request Parameters

The request requires the following URI parameters.

AuthToken (p. 62)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


FolderId (p. 62)

The ID of the folder.


Pattern: \w+\.-@\

Include (p. 62)

The contents to include. Specify "INITIALIZED" to include initialized documents.

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

Pattern: \[\w,\]+

Limit (p. 62)

The maximum number of items to return with this call.

Valid Range: Minimum value of 1. Maximum value of 999.

Marker (p. 62)

The marker for the next set of results. This marker was received from a previous call.

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

Order (p. 62)

The order for the contents of the folder.

Valid Values: ASCENDING | DESCENDING

Sort (p. 62)

The sorting criteria.
Valid Values: **DATE | NAME**

**Type (p. 62)**

The type of items.

Valid Values: **ALL | DOCUMENT | FOLDER**

**Request Body**

The request does not have a request body.

**Response Syntax**

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

{
  "Documents": [
    {
      "CreatedTimestamp": number,
      "CreatorId": "string",
      "Id": "string",
      "Labels": [ "string" ],
      "LatestVersionMetadata": {
        "ContentCreatedTimestamp": number,
        "ContentModifiedTimestamp": number,
        "ContentType": "string",
        "CreatedTimestamp": number,
        "CreatorId": "string",
        "Id": "string",
        "ModifiedTimestamp": number,
        "Name": "string",
        "Signature": "string",
        "Size": number,
        "Source": {
          "string": "string"
        },
        "Status": "string",
        "Thumbnail": {
          "string": "string"
        }
      },
      "ModifiedTimestamp": number,
      "ParentFolderId": "string",
      "ResourceState": "string"
    }
  ],
  "Folders": [
    {
      "CreatedTimestamp": number,
      "CreatorId": "string",
      "Id": "string",
      "Labels": [ "string" ],
      "LatestVersionSize": number,
      "ModifiedTimestamp": number,
      "Name": "string",
      "ParentFolderId": "string",
      "ResourceState": "string",
      "Signature": "string",
      "Size": number
    }
  ]
}
```
Response Elements

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

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

Documents (p. 63)

The documents in the specified folder.

Type: Array of DocumentMetadata (p. 128) objects

Folders (p. 63)

The subfolders in the specified folder.

Type: Array of FolderMetadata (p. 133) objects

Marker (p. 63)

The marker to use when requesting the next set of results. If there are no additional results, the string is empty.

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 Errors (p. 159).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

InvalidArgumentException

The pagination marker or limit fields are not valid.

HTTP Status Code: 400

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.
HTTP Status Code: 503

 UnauthorizedResourceAccessException

 The caller does not have access to perform the action on the resource.

 HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
DescribeGroups

Describes the groups specified by query.

Request Syntax

```
GET /api/v1/groups?
limit=Limit&marker=Marker&organizationId=OrganizationId&searchQuery=SearchQuery
Authorization: AuthenticationToken
HTTP/1.1
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 66)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


Limit (p. 66)

The maximum number of items to return with this call.

Valid Range: Minimum value of 1.

Marker (p. 66)

The marker for the next set of results. (You received this marker from a previous call.)

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

Pattern: \[\u0000-\u00FF]+

OrganizationId (p. 66)

The ID of the organization.

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

Pattern: [\&\w+-.@]+

SearchQuery (p. 66)

A query to describe groups by group name.


Pattern: \[\u0020-\uFFFF]+

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.

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

**Groups** (p. 66)

The list of groups.

Type: Array of GroupMetadata (p. 136) objects

**Marker** (p. 66)

The marker to use when requesting the next set of results. If there are no additional results, the string is empty.

Type: String

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

Pattern: \[\u0000-\u00FF]+

Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

**FailedDependencyException**

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

**ServiceUnavailableException**

One or more of the dependencies is unavailable.

HTTP Status Code: 503

**UnauthorizedOperationException**

The operation is not permitted.

HTTP Status Code: 403

**UnauthorizedResourceAccessException**

The caller does not have access to perform the action on the resource.

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HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
DescribeNotificationSubscriptions

Lists the specified notification subscriptions.

**Request Syntax**

```plaintext
GET /api/v1/organizations/OrganizationId/subscriptions?limit=Limit&marker=Marker HTTP/1.1
```

**URI Request Parameters**

The request requires the following URI parameters.

**Limit (p. 69)**

The maximum number of items to return with this call.

Valid Range: Minimum value of 1. Maximum value of 999.

**Marker (p. 69)**

The marker for the next set of results. (You received this marker from a previous call.)

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

**OrganizationId (p. 69)**

The ID of the organization.

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

**Pattern:** `[&\w+-.@]+`

**Request Body**

The request does not have a request body.

**Response Syntax**

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

{
   "Marker": "string",
   "Subscriptions": [
   {
      "EndPoint": "string",
      "Protocol": "string",
      "SubscriptionId": "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.

**Marker (p. 69)**

The marker to use when requesting the next set of results. If there are no additional results, the string is empty.

Type: String

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

**Subscriptions (p. 69)**

The subscriptions.

Type: Array of Subscription (p. 149) objects

Array Members: Maximum number of 256 items.

---

**Errors**

For information about the errors that are common to all actions, see Common Errors (p. 159).

**EntityNotExistsException**

The resource does not exist.

HTTP Status Code: 404

**ServiceUnavailableException**

One or more of the dependencies is unavailable.

HTTP Status Code: 503

**UnauthorizedResourceAccessException**

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

---

**See Also**

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
DescribeResourcePermissions

Describes the permissions of a specified resource.

**Request Syntax**

```
GET /api/v1/resources/ResourceId/permissions?
limit=Limit&marker=Marker&principalId=PrincipalId  HTTP/1.1
```

**Authentication**

```
Authentication: AuthenticationToken
```

**URI Request Parameters**

The request requires the following URI parameters.

**AuthenticationToken (p. 71)**

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


**Limit (p. 71)**

The maximum number of items to return with this call.

Valid Range: Minimum value of 1. Maximum value of 999.

**Marker (p. 71)**

The marker for the next set of results. (You received this marker from a previous call)

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

**PrincipalId (p. 71)**

The ID of the principal to filter permissions by.

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

Pattern: `[&\w+-.@]+`

**ResourceId (p. 71)**

The ID of the resource.


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

**Request Body**

The request does not have a request body.

**Response Syntax**

```
HTTP/1.1 200
```

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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.

**Marker (p. 71)**

The marker to use when requesting the next set of results. If there are no additional results, the string is empty.

Type: String

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

**Principals (p. 71)**

The principals.

Type: Array of Principal (p. 140) objects

Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

**FailedDependencyException**

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

**ServiceUnavailableException**

One or more of the dependencies is unavailable.

HTTP Status Code: 503

**UnauthorizedOperationException**

The operation is not permitted.

HTTP Status Code: 403

---

Content-type: application/json

{    "Marker": "string",
    "Principals": [
        {            "Id": "string",
            "Roles": [
                {                    "Role": "string",
                    "Type": "string"
                }
            ],
            "Type": "string"
        }
    ]}
UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
DescribeRootFolders

Describes the current user's special folders; the RootFolder and the RecycleBin. RootFolder is the root of user's files and folders and RecycleBin is the root of recycled items. This is not a valid action for SigV4 (administrative API) clients.

Request Syntax

GET /api/v1/me/root?limit=Limit&marker=Marker HTTP/1.1
Authentication: AuthenticationToken

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 74)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


Limit (p. 74)

The maximum number of items to return.

Valid Range: Minimum value of 1. Maximum value of 999.

Marker (p. 74)

The marker for the next set of results. (You received this marker from a previous call.)

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

Request Body

The request does not have a request body.

Response Syntax

HTTP/1.1 200
Content-type: application/json

{
  "Folders": [
    {
      "CreatedTimestamp": number,
      "CreatorId": "string",
      "Id": "string",
      "Labels": [ "string" ],
      "LatestVersionSize": number,
      "ModifiedTimestamp": number,
      "Name": "string",
      "ParentFolderId": "string",
      "ResourceState": "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.

**Folders (p. 74)**

The user's special folders.

Type: Array of FolderMetadata (p. 133) objects

**Marker (p. 74)**

The marker 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 Errors (p. 159).

**FailedDependencyException**

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

**InvalidArgumentException**

The pagination marker or limit fields are not valid.

HTTP Status Code: 400

**ServiceUnavailableException**

One or more of the dependencies is unavailable.

HTTP Status Code: 503

**UnauthorizedOperationException**

The operation is not permitted.

HTTP Status Code: 403

**UnauthorizedResourceAccessException**

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404
See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
DescribeUsers

Describes the specified users. You can describe all users or filter the results (for example, by status or organization).

By default, Amazon WorkDocs returns the first 24 active or pending users. If there are more results, the response includes a marker that you can use to request the next set of results.

Request Syntax

```
GET /api/v1/users? 
fields=Fields&include=Include&limit=Limit&marker=Marker&order=Order&organizationId=OrganizationId&query=Query
HTTP/1.1
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 77)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


Fields (p. 77)

A comma-separated list of values. Specify "STORAGE_METADATA" to include the user storage quota and utilization information.

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

Pattern: [\w,]+

Include (p. 77)

The state of the users. Specify "ALL" to include inactive users.

Valid Values: ACTIVE_PENDING | ALL

Limit (p. 77)

The maximum number of items to return.

Valid Range: Minimum value of 1. Maximum value of 999.

Marker (p. 77)

The marker for the next set of results. (You received this marker from a previous call.)

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

Order (p. 77)

The order for the results.

Valid Values: ASCENDING | DESCENDING

OrganizationId (p. 77)

The ID of the organization.
Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: [\w+-.@]+

Query (p. 77)
A query to filter users by user name.


Pattern: [\u0020-\uFFFF]+

Sort (p. 77)
The sorting criteria.

Valid Values: USER_NAME | FULL_NAME | STORAGE_LIMIT | USER_STATUS | STORAGE_USED

UserIds (p. 77)
The IDs of the users.


Pattern: [\w+-.@, ]+

Request Body
The request does not have a request body.

Response Syntax

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

{
  "Marker": "string",
  "TotalNumberOfUsers": number,
  "Users": [
    {
      "CreatedTimestamp": number,
      "EmailAddress": "string",
      "GivenName": "string",
      "Id": "string",
      "Locale": "string",
      "ModifiedTimestamp": number,
      "OrganizationId": "string",
      "RecycleBinFolderId": "string",
      "RootFolderId": "string",
      "Status": "string",
      "Storage": {
        "StorageRule": {
          "StorageAllocatedInBytes": number,
          "StorageType": "string"
        },
        "StorageUtilizedInBytes": number
      },
      "Surname": "string",
      "TimeZoneId": "string",
      "Type": "string",
      "Username": "string"
    }
  ]
}
```

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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.

**Marker (p. 78)**

The marker to use when requesting the next set of results. If there are no additional results, the string is empty.

Type: String

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

**TotalNumberOfUsers (p. 78)**

*This parameter has been deprecated.*

The total number of users included in the results.

Type: Long

**Users (p. 78)**

The users.

Type: Array of User (p. 151) objects

Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

**FailedDependencyException**

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

**InvalidArgumentException**

The pagination marker or limit fields are not valid.

HTTP Status Code: 400

**ServiceUnavailableException**

One or more of the dependencies is unavailable.

HTTP Status Code: 503

**UnauthorizedOperationException**

The operation is not permitted.

HTTP Status Code: 403
UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
GetCurrentUser

Retrieves details of the current user for whom the authentication token was generated. This is not a valid action for SigV4 (administrative API) clients.

**Request Syntax**

```
GET /api/v1/me HTTP/1.1
Authentication: AuthenticationToken
```

**URI Request Parameters**

The request requires the following URI parameters.

**AuthenticationToken (p. 81)**

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


**Request Body**

The request does not have a request body.

**Response Syntax**

```
HTTP/1.1 200
Content-type: application/json
{
    "User": {
        "CreatedTimestamp": number,
        "EmailAddress": "string",
        "GivenName": "string",
        "Id": "string",
        "Locale": "string",
        "ModifiedTimestamp": number,
        "OrganizationId": "string",
        "RecycleBinFolderId": "string",
        "RootFolderId": "string",
        "Status": "string",
        "Storage": {
            "StorageRule": {
                "StorageAllocatedInBytes": number,
                "StorageType": "string"
            },
            "StorageUtilizedInBytes": number
        },
        "Surname": "string",
        "TimeZoneId": "string",
        "Type": "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.

User (p. 81)

Metadata of the user.

Type: User (p. 151) object

Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
See Also

- AWS SDK for Python
- AWS SDK for Ruby V2
GetDocument

Retrieves details of a document.

Request Syntax

GET /api/v1/documents/DocumentId?includeCustomMetadata=IncludeCustomMetadata HTTP/1.1
Authentication: AuthenticationToken

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 84)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


DocumentId (p. 84)

The ID of the document.


Pattern: [\w+-.@]+

IncludeCustomMetadata (p. 84)

Set this to TRUE to include custom metadata in the response.

Request Body

The request does not have a request body.

Response Syntax

HTTP/1.1 200
Content-type: application/json

{
  "CustomMetadata": {
    "string" : "string"
  },
  "Metadata": {
    "CreatedTimestamp": number,
    "CreatorId": "string",
    "Id": "string",
    "Labels": [ "string" ],
    "LatestVersionMetadata": {
      "ContentCreatedTimestamp": number,
      "ContentModifiedTimestamp": number,
      "ContentType": "string",
      "CreatedTimestamp": number,
      "CreatorId": "string",
      "CustomMetadata": {
        "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.

**CustomMetadata (p. 84)**

The custom metadata on the document.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 56.

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

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

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

**Metadata (p. 84)**

The metadata details of the document.

Type: DocumentMetadata (p. 128) object

**Errors**

For information about the errors that are common to all actions, see Common Errors (p. 159).

**EntityNotExistsException**

The resource does not exist.

HTTP Status Code: 404

**FailedDependencyException**

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424
InvalidArgument Exception
The pagination marker or limit fields are not valid.
HTTP Status Code: 400

InvalidPassword Exception
The password is invalid.
HTTP Status Code: 401

ServiceUnavailable Exception
One or more of the dependencies is unavailable.
HTTP Status Code: 503

UnauthorizedOperation Exception
The operation is not permitted.
HTTP Status Code: 403

UnauthorizedResourceAccess Exception
The caller does not have access to perform the action on the resource.
HTTP Status Code: 404

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
GetDocumentPath

Retrieves the path information (the hierarchy from the root folder) for the requested document.

By default, Amazon WorkDocs returns a maximum of 100 levels upwards from the requested document and only includes the IDs of the parent folders in the path. You can limit the maximum number of levels. You can also request the names of the parent folders.

Request Syntax

```
GET /api/v1/documents/DocumentId/path?fields=Fields&limit=Limit&marker=Marker HTTP/1.1
Authentication: AuthenticationToken
```

**URI Request Parameters**

The request requires the following URI parameters.

**AuthenticationToken (p. 87)**

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


**DocumentId (p. 87)**

The ID of the document.

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

Pattern: [\&\w+-.@]+

**Fields (p. 87)**

A comma-separated list of values. Specify NAME to include the names of the parent folders.

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

Pattern: [\w,]+

**Limit (p. 87)**

The maximum number of levels in the hierarchy to return.

Valid Range: Minimum value of 1. Maximum value of 999.

**Marker (p. 87)**

This value is not supported.

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

**Request Body**

The request does not have a request body.
Response Syntax

HTTP/1.1 200
Content-type: application/json

{ "Path": { "Components": [ { "Id": "string", "Name": "string" } ] } }

Response Elements

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

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

Path (p. 88)

The path information.

Type: ResourcePath (p. 143) object

Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.
HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
GetDocumentVersion

Retrieves version metadata for the specified document.

Request Syntax

```
GET /api/v1/documents/DocumentId/versions/VersionId?
fields=Fields&includeCustomMetadata=IncludeCustomMetadata HTTP/1.1
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

**AuthenticationToken (p. 90)**

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


**DocumentId (p. 90)**

The ID of the document.


Pattern: \[\w+-.@]+

**Fields (p. 90)**

A comma-separated list of values. Specify "SOURCE" to include a URL for the source document.

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

Pattern: \[\w,]+

**IncludeCustomMetadata (p. 90)**

Set this to TRUE to include custom metadata in the response.

**VersionId (p. 90)**

The version ID of the document.


Pattern: \[\w+-.@]+

Request Body

The request does not have a request body.

Response Syntax

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

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90
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.

**CustomMetadata (p. 90)**

The custom metadata on the document version.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 56.

Key Pattern: [a-zA-Z0-9-._+-/=][a-zA-Z0-9-._+-/=]*

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

Value Pattern: [a-zA-Z0-9-._+-/=][a-zA-Z0-9-._+-/=]*

**Metadata (p. 90)**

The version metadata.

Type: DocumentVersionMetadata (p. 130) object

**Errors**

For information about the errors that are common to all actions, see Common Errors (p. 159).

**EntityNotExistsException**

The resource does not exist.

HTTP Status Code: 404
FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

InvalidPasswordException

The password is invalid.

HTTP Status Code: 401

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
GetFolder

Retrieves the metadata of the specified folder.

Request Syntax

```
GET /api/v1/folders/FolderId?includeCustomMetadata=IncludeCustomMetadata HTTP/1.1
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

**AuthenticationToken (p. 93)**

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


**FolderId (p. 93)**

The ID of the folder.


Pattern: [\w+-.@]+  

**IncludeCustomMetadata (p. 93)**

Set to TRUE to include custom metadata in the response.

Request Body

The request does not have a request body.

Response Syntax

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

{
   "CustomMetadata": {
      "string" : "string"
   },
   "Metadata": {
      "CreatedTimestamp": number,
      "CreatorId": "string",
      "Id": "string",
      "Labels": [ "string" ],
      "LatestVersionSize": number,
      "ModifiedTimestamp": number,
      "Name": "string",
      "ParentFolderId": "string",
      "ResourceState": "string",
      "Signature": "string",
      "Size": number
   }
}
```
Response Elements

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

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

CustomMetadata (p. 93)

The custom metadata on the folder.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 56.

Key Pattern: [a-zA-Z0-9-._+-/=][a-zA-Z0-9-._+-/=]*

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

Value Pattern: [a-zA-Z0-9-._+-/=][a-zA-Z0-9-._+-/=]*

Metadata (p. 93)

The metadata of the folder.

Type: FolderMetadata (p. 133) object

Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

InvalidArgumentException

The pagination marker or limit fields are not valid.

HTTP Status Code: 400

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503
UnauthorizedOperationException  
The operation is not permitted.
HTTP Status Code: 403  

UnauthorizedResourceAccessException  
The caller does not have access to perform the action on the resource.
HTTP Status Code: 404  

See Also  
For more information about using this API in one of the language-specific AWS SDKs, see the following:
- AWS Command Line Interface  
- AWS SDK for .NET  
- AWS SDK for C++  
- AWS SDK for Go  
- AWS SDK for Java  
- AWS SDK for JavaScript  
- AWS SDK for PHP V3  
- AWS SDK for Python  
- AWS SDK for Ruby V2
GetFolderPath

Retrieves the path information (the hierarchy from the root folder) for the specified folder.

By default, Amazon WorkDocs returns a maximum of 100 levels upwards from the requested folder and only includes the IDs of the parent folders in the path. You can limit the maximum number of levels. You can also request the parent folder names.

Request Syntax

```
GET /api/v1/folders/FolderId/path?fields=Fields&limit=Limit&marker=Marker HTTP/1.1
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

**AuthenticationToken (p. 96)**

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


**Fields (p. 96)**

A comma-separated list of values. Specify "NAME" to include the names of the parent folders.

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

Pattern: \[/w,]+\]

**FolderId (p. 96)**

The ID of the folder.

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

Pattern: [\w+-.@]+\]

**Limit (p. 96)**

The maximum number of levels in the hierarchy to return.

Valid Range: Minimum value of 1. Maximum value of 999.

**Marker (p. 96)**

This value is not supported.

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

Request Body

The request does not have a request body.
Response Syntax

HTTP/1.1 200
Content-type: application/json
{
    "Path": {
        "Components": [
            {
                "Id": "string",
                "Name": "string"
            }
        ]
    }
}

Response Elements

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

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

Path (p. 97)

The path information.

Type: ResourcePath (p. 143) object

Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.
HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
InitiateDocumentVersionUpload

Creates a new document object and version object.

The client specifies the parent folder ID and name of the document to upload. The ID is optionally specified when creating a new version of an existing document. This is the first step to upload a document. Next, upload the document to the URL returned from the call, and then call UpdateDocumentVersion (p. 111).

To cancel the document upload, call AbortDocumentVersionUpload (p. 4).

Request Syntax

```
POST /api/v1/documents HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json

{
    "ContentCreatedTimestamp": number,
    "ContentModifiedTimestamp": number,
    "ContentType": "string",
    "DocumentSizeInBytes": number,
    "Id": "string",
    "Name": "string",
    "ParentFolderId": "string"
}
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 99)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


Request Body

The request accepts the following data in JSON format.

ContentCreatedTimestamp (p. 99)

The timestamp when the content of the document was originally created.

Type: Timestamp

Required: No

ContentModifiedTimestamp (p. 99)

The timestamp when the content of the document was modified.

Type: Timestamp

Required: No
ContentType (p. 99)

The content type of the document.
Type: String
Required: No

DocumentSizeInBytes (p. 99)

The size of the document, in bytes.
Type: Long
Required: No

Id (p. 99)

The ID of the document.
Type: String
Pattern: [\w+-.@]+  
Required: No

Name (p. 99)

The name of the document.
Type: String
Length Constraints: Minimum length of 1. Maximum length of 255.
Pattern: [\u0020-\u202D\u202F-\uFFFF]+ 
Required: No

ParentFolderId (p. 99)

The ID of the parent folder.
Type: String
Pattern: [\w+-.@]+ 
Required: Yes

Response Syntax

HTTP/1.1 201
Content-type: application/json

{
  "Metadata": {
    "CreatedTimestamp": number,
    "CreatorId": "string",
  
}
"Id": "string",
"Labels": [ "string" ],
"LatestVersionMetadata": {  
  "ContentCreatedTimestamp": number,
  "ContentModifiedTimestamp": number,
  "ContentType": "string",
  "CreatedTimestamp": number,
  "CreatorId": "string",
  "Id": "string",
  "ModifiedTimestamp": number,
  "Name": "string",
  "Signature": "string",
  "Size": number,
  "Source": {
    "string": "string"
  },
  "Status": "string",
  "Thumbnail": {
    "string": "string"
  },
  "ModifiedTimestamp": number,
  "ParentFolderId": "string",
  "ResourceState": "string"
},
"UploadMetadata": {  
  "SignedHeaders": {
    "string": "string"
  },
  "UploadUrl": "string"
}
}

### Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

**Metadata (p. 100)**

The document metadata.

Type: DocumentMetadata (p. 128) object

**UploadMetadata (p. 100)**

The upload metadata.

Type: UploadMetadata (p. 150) object

### Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

**DraftUploadOutOfSyncException**

This exception is thrown when a valid checkout ID is not presented on document version upload calls for a document that has been checked out from Web client.

HTTP Status Code: 409
EntityAlreadyExistsException
   The resource already exists.
   HTTP Status Code: 409

EntityNotExistsException
   The resource does not exist.
   HTTP Status Code: 404

FailedDependencyException
   The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.
   HTTP Status Code: 424

ProhibitedStateException
   The specified document version is not in the INITIALIZED state.
   HTTP Status Code: 409

ResourceAlreadyCheckedOutException
   The resource is already checked out.
   HTTP Status Code: 409

ServiceUnavailableException
   One or more of the dependencies is unavailable.
   HTTP Status Code: 503

StorageLimitExceededException
   The storage limit has been exceeded.
   HTTP Status Code: 409

StorageLimitWillExceedException
   The storage limit will be exceeded.
   HTTP Status Code: 413

UnauthorizedOperationException
   The operation is not permitted.
   HTTP Status Code: 403

UnauthorizedResourceAccessException
   The caller does not have access to perform the action on the resource.
   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
See Also

- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
RemoveAllResourcePermissions

Removes all the permissions from the specified resource.

**Request Syntax**

```
DELETE /api/v1/resources/ResourceId/permissions HTTP/1.1
Authentication: AuthenticationToken
```

**URI Request Parameters**

The request requires the following URI parameters.

- **AuthenticationToken (p. 104)**
  - Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

- **ResourceId (p. 104)**
  - The ID of the resource.
  - Pattern: [\w+-.@]+

**Request Body**

The request does not have a request body.

**Response Syntax**

```
HTTP/1.1 204
```

**Response Elements**

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

**Errors**

For information about the errors that are common to all actions, see Common Errors (p. 159).

- **FailedDependencyException**
  - The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.
  - HTTP Status Code: 424

- **ServiceUnavailableException**
  - One or more of the dependencies is unavailable.
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
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
RemoveResourcePermission

Removes the permission for the specified principal from the specified resource.

Request Syntax

```
DELETE /api/v1/resources/ResourceId/permissions/PrincipalId?type=PrincipalType HTTP/1.1
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

**AuthenticationToken (p. 106)**

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


**PrincipalId (p. 106)**

The principal ID of the resource.

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

Pattern: [\w+-.@]+  

**PrincipalType (p. 106)**

The principal type of the resource.

Valid Values: USER | GROUP | INVITE | ANONYMOUS | ORGANIZATION

**ResourceId (p. 106)**

The ID of the resource.


Pattern: [\w+-.@]+  

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.
Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
UpdateDocument

Updates the specified attributes of a document. The user must have access to both the document and its parent folder, if applicable.

Request Syntax

```
PATCH /api/v1/documents/{DocumentId} HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json
{
    "Name": "string",
    "ParentFolderId": "string",
    "ResourceState": "string"
}
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 108)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


DocumentId (p. 108)

The ID of the document.


Pattern: [\w+-.\@]+

Request Body

The request accepts the following data in JSON format.

Name (p. 108)

The name of the document.

Type: String

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

Pattern: [\u0020-\u202D\u202F-\uFFFF]+

Required: No

ParentFolderId (p. 108)

The ID of the parent folder.

Type: String

Pattern: [\w+-.@]+

Required: No

**ResourceState (p. 108)**

The resource state of the document. Only ACTIVE and RECYCLED are supported.

Type: String

Valid Values: ACTIVE | RESTORING | RECYCLING | RECYCLED

Required: No

**Response Syntax**

```plaintext
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. 159).

**ConcurrentModificationException**

The resource hierarchy is changing.

HTTP Status Code: 409

**EntityAlreadyExistsException**

The resource already exists.

HTTP Status Code: 409

**EntityNotExistsException**

The resource does not exist.

HTTP Status Code: 404

**FailedDependencyException**

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

**LimitExceededException**

The maximum of 100,000 folders under the parent folder has been exceeded.

HTTP Status Code: 409

**ProhibitedStateException**

The specified document version is not in the INITIALIZED state.
HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
**UpdateDocumentVersion**

Changes the status of the document version to ACTIVE.

Amazon WorkDocs also sets its document container to ACTIVE. This is the last step in a document upload, after the client uploads the document to an S3-presigned URL returned by `InitiateDocumentVersionUpload` (p. 99).

**Request Syntax**

```
PATCH /api/v1/documents/DocumentId/versions/VersionId HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json
{
    "VersionStatus": "string"
}
```

**URI Request Parameters**

The request requires the following URI parameters.

**AuthenticationToken (p. 111)**

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


**DocumentId (p. 111)**

The ID of the document.


Pattern: \[\w+-.@]+

**VersionId (p. 111)**

The version ID of the document.


Pattern: \[\w+-.@]+

**Request Body**

The request accepts the following data in JSON format.

**VersionStatus (p. 111)**

The status of the version.

Type: String

Valid Values: ACTIVE
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. 159).

ConcurrentModificationException

The resource hierarchy is changing.

HTTP Status Code: 409

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

InvalidOperationException

The operation is invalid.

HTTP Status Code: 405

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404
See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
UpdateFolder

Updates the specified attributes of the specified folder. The user must have access to both the folder and its parent folder, if applicable.

**Request Syntax**

```plaintext
PATCH /api/v1/folders/{FolderId} HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json
{
    "Name": "string",
    "ParentFolderId": "string",
    "ResourceState": "string"
}
```

**URI Request Parameters**

The request requires the following URI parameters.

**AuthenticationToken (p. 114)**

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


**FolderId (p. 114)**

The ID of the folder.


Pattern: \[\w+-.@]+

**Request Body**

The request accepts the following data in JSON format.

**Name (p. 114)**

The name of the folder.

Type: String

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

Pattern: \[\u0020-\u202D\u202F-\uFFFF]+

Required: No

**ParentFolderId (p. 114)**

The ID of the parent folder.

Type: String

Type: String

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

Pattern: \[\u0020-\u202D\u202F-\uFFFF]+

Pattern: \w+-@]+

Required: No

ResourceState (p. 114)

The resource state of the folder. Only ACTIVE and RECYCLED are accepted values from the API.

Type: String

Valid Values: ACTIVE | RESTORING | RECYCLING | RECYCLED

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. 159).

ConcurrentModificationException

The resource hierarchy is changing.

HTTP Status Code: 409

EntityAlreadyExistsException

The resource already exists.

HTTP Status Code: 409

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

LimitExceeded.Exception

The maximum of 100,000 folders under the parent folder has been exceeded.

HTTP Status Code: 409

ProhibitedStateException

The specified document version is not in the INITIALIZED state.
HTTP Status Code: 409
**ServiceUnavailableException**
One or more of the dependencies is unavailable.

HTTP Status Code: 503
**UnauthorizedOperationException**
The operation is not permitted.

HTTP Status Code: 403
**UnauthorizedResourceAccessException**
The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

**See Also**

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
UpdateUser

Updates the specified attributes of the specified user, and grants or revokes administrative privileges to the Amazon WorkDocs site.

Request Syntax

PATCH /api/v1/users/UserId HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json

{  
  "GivenName": "string",
  "GrantPoweruserPrivileges": "string",
  "Locale": "string",
  "StorageRule": {
    "StorageAllocatedInBytes": number,
    "StorageType": "string"
  },
  "Surname": "string",
  "TimeZoneId": "string",
  "Type": "string"
}

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 117)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.


UserId (p. 117)

The ID of the user.

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

Pattern: [&\w+-.@]+

Request Body

The request accepts the following data in JSON format.

GivenName (p. 117)

The given name of the user.

Type: String

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

Required: No
GrantPoweruserPrivileges (p. 117)

Boolean value to determine whether the user is granted Poweruser privileges.

Type: String

Valid Values: TRUE | FALSE

Required: No

Locale (p. 117)

The locale of the user.

Type: String

Valid Values: en | fr | ko | de | es | ja | ru | zh_CN | zh_TW | pt_BR | default

Required: No

StorageRule (p. 117)

The amount of storage for the user.

Type: StorageRuleType (p. 148) object

Required: No

Surname (p. 117)

The surname of the user.

Type: String

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

Required: No

TimeZoneld (p. 117)

The time zone ID of the user.

Type: String

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

Required: No

Type (p. 117)

The type of the user.

Type: String

Valid Values: USER | ADMIN | POWERUSER | MINIMALUSER | WORKSPACESUSER

Required: No

Response Syntax

HTTP/1.1 200
Content-type: application/json
Amazon WorkDocs API Reference
Response Elements

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.

User (p. 118)

The user information.

Type: User (p. 151) object

Errors

For information about the errors that are common to all actions, see Common Errors (p. 159).

DeactivatingLastSystemUserException

The last user in the organization is being deactivated.

HTTP Status Code: 409

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

{ "User": { "CreatedTimestamp": number, "EmailAddress": "string", "GivenName": "string", "Id": "string", "Locale": "string", "ModifiedTimestamp": number, "OrganizationId": "string", "RecycleBinFolderId": "string", "RootFolderId": "string", "Status": "string", "Storage": { "StorageRule": { "StorageAllocatedInBytes": number, "StorageType": "string" }, "StorageUtilizedInBytes": number }, "Surname": "string", "TimeZoneId": "string", "Type": "string", "Username": "string" } }
IllegalUserStateException

The user is undergoing transfer of ownership.

HTTP Status Code: 409

InvalidArgumentException

The pagination marker or limit fields are not valid.

HTTP Status Code: 400

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

- AWS Command Line Interface
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for JavaScript
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V2
Data Types

The Amazon WorkDocs 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:

- Activity (p. 122)
- Comment (p. 124)
- CommentMetadata (p. 126)
- DocumentMetadata (p. 128)
- DocumentVersionMetadata (p. 130)
- FolderMetadata (p. 133)
- GroupMetadata (p. 136)
- NotificationOptions (p. 137)
- Participants (p. 138)
- PermissionInfo (p. 139)
- Principal (p. 140)
- ResourceMetadata (p. 141)
- ResourcePath (p. 143)
- ResourcePathComponent (p. 144)
- SharePrincipal (p. 145)
- ShareResult (p. 146)
- StorageRuleType (p. 148)
- Subscription (p. 149)
- UploadMetadata (p. 150)
- User (p. 151)
- UserMetadata (p. 154)
- UserStorageMetadata (p. 156)
Activity

Describes the activity information.

Contents

CommentMetadata

Metadata of the commenting activity. This is an optional field and is filled for commenting activities.

Type: CommentMetadata (p. 126) object

Required: No

Initiator

The user who performed the action.

Type: UserMetadata (p. 154) object

Required: No

OrganizationId

The ID of the organization.

Type: String

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

Pattern: [\&\w+-.@]+

Required: No

OriginalParent

The original parent of the resource. This is an optional field and is filled for move activities.

Type: ResourceMetadata (p. 141) object

Required: No

Participants

The list of users or groups impacted by this action. This is an optional field and is filled for the following sharing activities: DOCUMENT_SHARED, DOCUMENT_SHARED, DOCUMENT_UNSHARED, FOLDER_SHARED, FOLDER_UNSHARED.

Type: Participants (p. 138) object

Required: No

ResourceMetadata

The metadata of the resource involved in the user action.

Type: ResourceMetadata (p. 141) object

Required: No

TimeStamp

The timestamp when the action was performed.
Type: Timestamp

Required: No

Type

The activity type.

Type: String

Valid Values: DOCUMENT_CHECKED_IN | DOCUMENT_CHECKED_OUT | DOCUMENT_RENAMED | DOCUMENT_VERSION_UPLOADED | DOCUMENT_VERSION_DELETED | DOCUMENT_RECYCLED | DOCUMENT_RESTORED | DOCUMENT_REVERTED | DOCUMENT_SHARED | DOCUMENT_UNSHARED | DOCUMENT_SHARE_PERMISSION_CHANGED | DOCUMENT_SHAREABLE_LINK_CREATED | DOCUMENT_SHAREABLE_LINK_REMOVED | DOCUMENT_SHAREABLE_LINK_PERMISSION_CHANGED | DOCUMENT_MOVED | DOCUMENT_COMMENT_ADDED | DOCUMENT_COMMENT_DELETED | DOCUMENT_ANNOTATION_ADDED | DOCUMENT_ANNOTATION_DELETED | FOLDER_CREATED | FOLDER_DELETED | FOLDER_RENAMED | FOLDER_RECYCLED | FOLDER_RESTORED | FOLDER_SHARED | FOLDER_UNSHARED | FOLDER_SHARE_PERMISSION_CHANGED | FOLDER_SHAREABLE_LINK_CREATED | FOLDER_SHAREABLE_LINK_REMOVED | FOLDER_SHAREABLE_LINK_PERMISSION_CHANGED

Required: No

See Also

For 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
- AWS SDK for Ruby V2
Comment

Describes a comment.

Contents

CommentId

The ID of the comment.
Type: String
Pattern: \w+-\.]+
Required: Yes

Contributor

The details of the user who made the comment.
Type: User (p. 151) object
Required: No

CreatedTimestamp

The time that the comment was created.
Type: Timestamp
Required: No

ParentId

The ID of the parent comment.
Type: String
Pattern: \w+-\.]+
Required: No

RecipientId

If the comment is a reply to another user's comment, this field contains the user ID of the user being replied to.
Type: String
Length Constraints: Minimum length of 1. Maximum length of 256.
Pattern: \w+-\.]+
Required: No

Status

The status of the comment.
Type: String
Valid Values: DRAFT | PUBLISHED | DELETED

Required: No

**Text**

The text of the comment.

Type: String

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

Required: No

**ThreadId**

The ID of the root comment in the thread.

Type: String


Pattern: \[w+-.@]+

Required: No

**Visibility**

The visibility of the comment. Options are either PRIVATE, where the comment is visible only to the comment author and document owner and co-owners, or PUBLIC, where the comment is visible to document owners, co-owners, and contributors.

Type: String

Valid Values: PUBLIC | PRIVATE

Required: No

**See Also**

For 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
- AWS SDK for Ruby V2
CommentMetadata

Describes the metadata of a comment.

Contents

CommentId

The ID of the comment.
Type: String
Pattern: \[\w+-.@]+
Required: No

CommentStatus

The status of the comment.
Type: String
Valid Values: DRAFT | PUBLISHED | DELETED
Required: No

Contributor

The user who made the comment.
Type: User (p. 151) object
Required: No

CreatedTimestamp

The timestamp that the comment was created.
Type: Timestamp
Required: No

RecipientId

The ID of the user being replied to.
Type: String
Length Constraints: Minimum length of 1. Maximum length of 256.
Pattern: \[\&\w+-\.@]+
Required: No

See Also

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

- AWS SDK for C++
• AWS SDK for Go
• AWS SDK for Java
• AWS SDK for Ruby V2
DocumentMetadata

Describes the document.

Contents

**CreatedTimestamp**

The time when the document was created.

Type: Timestamp

Required: No

**CreatorId**

The ID of the creator.

Type: String

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

Pattern: [\w+-.@]+

Required: No

**Id**

The ID of the document.

Type: String


Pattern: [\w+-.@]+

Required: No

**Labels**

List of labels on the document.

Type: Array of strings

Array Members: Maximum number of 20 items.


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

Required: No

**LatestVersionMetadata**

The latest version of the document.

Type: DocumentVersionMetadata (p. 130) object

Required: No

**ModifiedTimestamp**

The time when the document was updated.
Type: Timestamp
Required: No

**ParentFolderId**

The ID of the parent folder.
Type: String
Pattern: \[\w+-.@]+
Required: No

**ResourceState**

The resource state.
Type: String
Valid Values: ACTIVE | RESTORING | RECYCLING | RECYCLED
Required: No

---

**See Also**

For 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
- AWS SDK for Ruby V2
DocumentVersionMetadata

Describes a version of a document.

Contents

ContentCreatedTimestamp

The timestamp when the content of the document was originally created.
Type: Timestamp
Required: No

ContentModifiedTimestamp

The timestamp when the content of the document was modified.
Type: Timestamp
Required: No

ContentType

The content type of the document.
Type: String
Required: No

CreatedTimestamp

The timestamp when the document was first uploaded.
Type: Timestamp
Required: No

CreatorId

The ID of the creator.
Type: String
Length Constraints: Minimum length of 1. Maximum length of 256.
Pattern: \w+-.@
Required: No

Id

The ID of the version.
Type: String
Pattern: \w+-.@
Required: No
**ModifiedTimestamp**

The timestamp when the document was last uploaded.

Type: Timestamp

Required: No

**Name**

The name of the version.

Type: String

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

Pattern: [\u0020-\u202D\u202F-\uFFFF]+

Required: No

**Signature**

The signature of the document.

Type: String

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

Pattern: [&\w+-.@]+

Required: No

**Size**

The size of the document, in bytes.

Type: Long

Required: No

**Source**

The source of the document.

Type: String to string map

Valid Keys: ORIGINAL | WITH_COMMENTS


Required: No

**Status**

The status of the document.

Type: String

Valid Values: INITIALIZED | ACTIVE

Required: No

**Thumbnail**

The thumbnail of the document.

Type: String to string map
Valid Keys: SMALL | SMALL_HQ | LARGE


Required: No

See Also

For 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
- AWS SDK for Ruby V2
FolderMetadata

Describes a folder.

Contents

CreatingTimestamp

The time when the folder was created.

Type: Timestamp

Required: No

CreatorId

The ID of the creator.

Type: String

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

Pattern: [\&\w+-.@]+

Required: No

Id

The ID of the folder.

Type: String


Pattern: [\w+-.@]+

Required: No

Labels

List of labels on the folder.

Type: Array of strings

Array Members: Maximum number of 20 items.


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

Required: No

LatestVersionSize

The size of the latest version of the folder metadata.

Type: Long

Required: No

ModifiedTimestamp

The time when the folder was updated.
Type: Timestamp
Required: No

Name
The name of the folder.
Type: String
Length Constraints: Minimum length of 1. Maximum length of 255.
Pattern: [/u0020-/u202D/u202F-/uFFFF]+
Required: No

ParentFolderId
The ID of the parent folder.
Type: String
Pattern: [\w+-.@]+
Required: No

ResourceState
The resource state of the folder.
Type: String
Valid Values: ACTIVE | RESTORING | RECYCLING | RECYCLED
Required: No

Signature
The unique identifier created from the subfolders and documents of the folder.
Type: String
Length Constraints: Minimum length of 0. Maximum length of 128.
Pattern: [&\w+-.@]+
Required: No

Size
The size of the folder metadata.
Type: Long
Required: No

See Also
For 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
See Also

- AWS SDK for Java
- AWS SDK for Ruby V2
GroupMetadata

Describes the metadata of a user group.

Contents

Id

The ID of the user group.
Type: String
Length Constraints: Minimum length of 1. Maximum length of 256.
Pattern: [\&\w+-.@]+
Required: No

Name

The name of the group.
Type: String
Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for Ruby V2
NotificationOptions

Set of options which defines notification preferences of given action.

Contents

**EmailMessage**

Text value to be included in the email body.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Required: No

**SendEmail**

Boolean value to indicate an email notification should be sent to the recipients.

Type: Boolean

Required: No

See Also

For 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
- AWS SDK for Ruby V2
Participants

Describes the users or user groups.

Contents

Groups

The list of user groups.

Type: Array of GroupMetadata (p. 136) objects

Required: No

Users

The list of users.

Type: Array of UserMetadata (p. 154) objects

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for Ruby V2
PermissionInfo

Describes the permissions.

Contents

Role

The role of the user.

Type: String

Valid Values: VIEWER | CONTRIBUTOR | OWNER | COOWNER

Required: No

Type

The type of permissions.

Type: String

Valid Values: DIRECT | INHERITED

Required: No

See Also

For 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
- AWS SDK for Ruby V2
Principal

Describes a resource.

Contents

Id

The ID of the resource.

Type: String

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

Pattern: [\&\w+-.@]+

Required: No

Roles

The permission information for the resource.

Type: Array of PermissionInfo (p. 139) objects

Required: No

Type

The type of resource.

Type: String

Valid Values: USER | GROUP | INVITE | ANONYMOUS | ORGANIZATION

Required: No

See Also

For 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
- AWS SDK for Ruby V2
ResourceMetadata

Describes the metadata of a resource.

Contents

**Id**

The ID of the resource.

Type: String


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

Required: No

**Name**

The name of the resource.

Type: String

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

Pattern: `[\u0020-\u202D\u202F-\uFFFF]+`

Required: No

**OriginalName**

The original name of the resource before a rename operation.

Type: String

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

Pattern: `[\u0020-\u202D\u202F-\uFFFF]+`

Required: No

**Owner**

The owner of the resource.

Type: UserMetadata (p. 154) object

Required: No

**ParentId**

The parent ID of the resource before a rename operation.

Type: String


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

Required: No
Type

The type of resource.

Type: String

Valid Values: FOLDER | DOCUMENT

Required: No

VersionId

The version ID of the resource. This is an optional field and is filled for action on document version.

Type: String


Pattern: \[\w+-@]+

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for Ruby V2
ResourcePath

Describes the path information of a resource.

Contents

Components

The components of the resource path.

Type: Array of ResourcePathComponent (p. 144) objects

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for Ruby V2
ResourcePathComponent

Describes the resource path.

Contents

Id

The ID of the resource path.

Type: String

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

Pattern: [\&\w+-.@]+

Required: No

Name

The name of the resource path.

Type: String

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

Pattern: [\u0020-\u202D\u202F-\uFFFD]+

Required: No

See Also

For 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
- AWS SDK for Ruby V2
SharePrincipal

Describes the recipient type and ID, if available.

Contents

Id

The ID of the recipient.

Type: String

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

Pattern: [\&\w+.-@]+

Required: Yes

Role

The role of the recipient.

Type: String

Valid Values: VIEWER | CONTRIBUTOR | OWNER | COOWNER

Required: Yes

Type

The type of the recipient.

Type: String

Valid Values: USER | GROUP | INVITE | ANONYMOUS | ORGANIZATION

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
- AWS SDK for Ruby V2
ShareResult

Describes the share results of a resource.

Contents

PrincipalId

The ID of the principal.
Type: String
Length Constraints: Minimum length of 1. Maximum length of 256.
Pattern: [\w+-.@]+
Required: No

Role

The role.
Type: String
Valid Values: VIEWER | CONTRIBUTOR | OWNER | COOWNER
Required: No

ShareId

The ID of the resource that was shared.
Type: String
Pattern: [\w+-.@]+
Required: No

Status

The status.
Type: String
Valid Values: SUCCESS | FAILURE
Required: No

StatusMessage

The status message.
Type: String
Length Constraints: Minimum length of 0. Maximum length of 2048.
Required: No

See Also

For 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
• AWS SDK for Ruby V2
StorageRuleType

Describes the storage for a user.

Contents

StorageAllocatedInBytes

The amount of storage allocated, in bytes.

Type: Long

Valid Range: Minimum value of 0.

Required: No

StorageType

The type of storage.

Type: String

Valid Values: UNLIMITED | QUOTA

Required: No

See Also

For 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
- AWS SDK for Ruby V2
Subscription

Describes a subscription.

Contents

EndPoint

The endpoint of the subscription.

Type: String

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

Required: No

Protocol

The protocol of the subscription.

Type: String

Valid Values: HTTPS

Required: No

SubscriptionId

The ID of the subscription.

Type: String

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

Pattern: [\w\+-.@]+

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for Ruby V2
UploadMetadata

Describes the upload.

Contents

SignedHeaders

The signed headers.

Type: String to string map

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

Key Pattern: [\w-]+


Required: No

UploadUrl

The URL of the upload.

Type: String


Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for Ruby V2
**User**

Describes a user.

**Contents**

**CreatedAtTimestamp**

The time when the user was created.

Type: Timestamp

Required: No

**EmailAddress**

The email address of the user.

Type: String

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

Pattern: `[a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}`

Required: No

**GivenName**

The given name of the user.

Type: String

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

Required: No

**Id**

The ID of the user.

Type: String

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

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

Required: No

**Locale**

The locale of the user.

Type: String

Valid Values: en | fr | ko | de | es | ja | ru | zh_CN | zh_TW | pt_BR | default

Required: No

**ModifiedTimestamp**

The time when the user was modified.
Type: Timestamp
Required: No

**OrganizationId**
The ID of the organization.
Type: String
Length Constraints: Minimum length of 1. Maximum length of 256.
Pattern: [\&\w+-.@]+
Required: No

**RecycleBinFolderId**
The ID of the recycle bin folder.
Type: String
Pattern: [\w+-.@]+
Required: No

**RootFolderId**
The ID of the root folder.
Type: String
Pattern: [\w+-.@]+
Required: No

**Status**
The status of the user.
Type: String
Valid Values: ACTIVE | INACTIVE | PENDING
Required: No

**Storage**
The storage for the user.
Type: UserStorageMetadata (p. 156) object
Required: No

**Surname**
The surname of the user.
Type: String
Length Constraints: Minimum length of 1. Maximum length of 64.
Required: No
**TimeZoneId**

The time zone ID of the user.

Type: String

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

Required: No

**Type**

The type of user.

Type: String

Valid Values: USER | ADMIN | POWERUSER | MINIMALUSER | WORKSPACESUSER

Required: No

**Username**

The login name of the user.

Type: String

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

Pattern: \[\w\-+.]*(@[a-zA-Z0-9-\.]\+[a-zA-Z]+)?

Required: No

---

**See Also**

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

- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for Ruby V2
UserMetadata

Describes the metadata of the user.

Contents

EmailAddress

The email address of the user.

Type: String

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

Pattern: \[a-zA-Z0-9-._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}

Required: No

GivenName

The given name of the user before a rename operation.

Type: String

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

Required: No

Id

The ID of the user.

Type: String

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

Pattern: \[&\w+-\.@]+\n
Required: No

Surname

The surname of the user.

Type: String

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

Required: No

Username

The name of the user.

Type: String

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

Pattern: \[\w+-\.]+(@[a-zA-Z0-9-\.]\+.\[a-zA-Z]+)\?

Required: No
See Also

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

- AWS SDK for C++
- AWS SDK for Go
- AWS SDK for Java
- AWS SDK for Ruby V2
UserStorageMetadata

Describes the storage for a user.

Contents

StorageRule
The storage for a user.
Type: StorageRuleType (p. 148) object
Required: No

StorageUtilizedInBytes
The amount of storage used, in bytes.
Type: Long
Required: No

See Also

For 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
- AWS SDK for Ruby V2
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'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 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

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

ValidationException

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

HTTP Status Code: 400