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Amazon Elastic File System
User Guide

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DeleteFileSystem

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Deletes a file system, permanently severing access to its contents. Upon return, the file system no longer exists and you can't access any contents of the deleted file system.

You need to manually delete mount targets attached to a file system before you can delete an EFS file system. This step is performed for you when you use the AWS console to delete a file system.

> **ⓘ Note**
>
> You cannot delete a file system that is part of an EFS Replication configuration. You need to delete the replication configuration first.

You can't delete a file system that is in use. That is, if the file system has any mount targets, you must first delete them. For more information, see DescribeMountTargets and DeleteMountTarget.

> **ⓘ Note**
>
> The `DeleteFileSystem` call returns while the file system state is still `deleting`. You can check the file system deletion status by calling the DescribeFileSystems operation, which returns a list of file systems in your account. If you pass file system ID or creation token for the deleted file system, the DescribeFileSystems returns a `404` `FileSystemNotFound` error.

This operation requires permissions for the `elasticfilesystem:DeleteFileSystem` action.

Request Syntax

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URI Request Parameters

The request uses the following URI parameters.

FileSystemId

The ID of the file system you want to delete.

Length Constraints: Maximum length of 128.

Pattern: `^(arn:aws[-a-z]*:elasticfilesystem:[0-9a-z-:]+:file-system/fs-[0-9a-f]{8,40}|fs-[0-9a-f]{8,40})$`

Required: Yes

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

BadRequest

Returned if the request is malformed or contains an error such as an invalid parameter value or a missing required parameter.

HTTP Status Code: 400

FileSystemInUse

Returned if a file system has mount targets.

HTTP Status Code: 409

FileSystemNotFound

Returned if the specified `FileSystemId` value doesn't exist in

Returned if an error occurred on the server side.

HTTP Status Code: 500

Examples

Delete a file system

The following example sends a DELETE request to the `file-systems` endpoint (`elasticfilesystem.us-west-2.amazonaws.com/2015-02-01/file-systems/fs-01234567`) to delete a file system whose ID is `fs-01234567`.

Sample Request

```
DELETE /2015-02-01/file-systems/
Host: elasticfilesystem.us-west-
x-amz-date: 20140622T233021Z
Authorization: <...>
```

Sample Response

```
HTTP/1.1 204 No Content
x-amzn-RequestId: a2d125b3-7ebd-
Content-Length: 0
```

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 v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

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