



# **ONTAP 9.12.1**

## **ONTAP 9**

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# Table of Contents

- ONTAP 9.12.1 ..... 1
  - Remove S3 NAS bucket configuration before reverting from ONTAP 9.12.1 ..... 1
  - Disable NVMe in-band authentication before reverting from ONTAP 9.12.1 ..... 2
  - Disable IPsec in MetroCluster configurations before reverting from ONTAP 9.12.1 ..... 2

# ONTAP 9.12.1

## Remove S3 NAS bucket configuration before reverting from ONTAP 9.12.1

If you have configured S3 client access for NAS data, you should use the ONTAP command line interface (CLI) to remove the NAS bucket configuration and to remove any name mappings (S3 users to Windows or Unix users) before reverting from ONTAP 9.12.1.

### About this task

The following tasks are completed in the background during the revert process.

- Remove all partially completed singleton object creations (that is, all entries in hidden directories).
- Remove all hidden directories; there might be one on for each volume that is accessible from the root of the export mapped from the S3 NAS bucket.
- Remove the upload table.
- Delete any default-unix-user and default-windows-user values for all configured S3 servers.

### Steps

1. Remove S3 NAS bucket configuration:

```
vserver object-store-server bucket delete -vserver <svm_name> -bucket <s3_nas_bucket_name>
```

Learn more about `vserver object-store-server bucket delete` in the [ONTAP command reference](#).

2. Remove name mappings for UNIX:

```
vserver name-mapping delete -vserver <svm_name> -direction s3-unix
```

Learn more about `vserver name-mapping delete` in the [ONTAP command reference](#).

3. Remove name mappings for Windows:

```
vserver name-mapping delete -vserver <svm_name> -direction s3-win
```

4. Remove the S3 protocols from the SVM:

```
vserver remove-protocols -vserver <svm_name> -protocols s3
```

## Disable NVMe in-band authentication before reverting from ONTAP 9.12.1

If you are running the NVMe protocol, you must disable in-band authentication before you revert your cluster from ONTAP 9.12.1. If in-band authentication using DH-HMAC-CHAP is not disabled, revert will fail.

### Steps

1. Remove the host from the subsystem to disable DH-HMAC-CHAP authentication:

```
vserver nvme subsystem host remove -vserver <svm_name> -subsystem  
<subsystem> -host-nqn <host_nqn>
```

2. Verify that the DH-HMAC-CHAP authentication protocol is removed from the host:

```
vserver nvme subsystem host show
```

3. Add the host back to the subsystem without authentication:

```
vserver nvme subsystem host add vserver <svm_name> -subsystem  
<subsystem> -host-nqn <host_nqn>
```

## Disable IPsec in MetroCluster configurations before reverting from ONTAP 9.12.1

Before reverting a MetroCluster configuration from ONTAP 9.12.1, you must disable IPsec.

A check is performed before revert to ensure there are no IPsec configurations within the MetroCluster configuration. You must remove any IPsec configurations present and disable IPsec before continuing with the revert. Reverting ONTAP is blocked if IPsec is enabled, even when you have not configured any user policies.

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