



AWS administration

Cloud Volumes ONTAP

NetApp

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AWS administration

Modify the EC2 instance type for a Cloud Volumes ONTAP system in AWS

You can choose from several instance or types when you launch Cloud Volumes ONTAP in AWS. You can change the instance type at any time if you determine that it is undersized or oversized for your needs.

About this task

- Automatic giveback must be enabled on a Cloud Volumes ONTAP HA pair (this is the default setting). If it isn't, then the operation will fail.

[ONTAP 9 Documentation: Commands for configuring automatic giveback](#)

- Changing the instance type can affect AWS service charges.
- The operation restarts Cloud Volumes ONTAP.

For single node systems, I/O is interrupted.

For HA pairs, the change is nondisruptive. HA pairs continue to serve data.



The NetApp Console changes one node at a time by initiating takeover and waiting for give back. NetApp's Quality Assurance team tested both writing and reading files during this process and didn't see any issues on the client side. As connections changed, some retries were observed on the I/O level, but the application layer overcame the rewiring of NFS/CIFS connections.

Reference

For a list of supported instance types in AWS, refer to [Supported EC2 instances](#).

If you can't change the instance type from c4, m4, or r4 instances, refer to KB article "[Converting an AWS Xen CVO instance to Nitro \(KVM\)](#)".

Steps

1. On the **Systems** page, select the system.
2. On the Overview tab, click the Features panel and then click the pencil icon next to **Instance type**.

Information		Features
System Tags	Tags	
Scheduled Downtime	Off	
S3 Storage Classes	Standard-Infrequent Access	
Instance Type	m5.xlarge	
Write Speed	Normal	
Ransomware Protection	Off	
Support Registration	Not Registered	
CIFs Setup		

If you are using a node-based pay as you go (PAYGO) license, you can optionally choose a different license and instance type by clicking the pencil icon next to **License type**.

3. Choose an instance type, select the check box to confirm that you understand the implications of the change, and then click **Change**.

Result

Cloud Volumes ONTAP reboots with the new configuration.

Modify route tables for Cloud Volumes ONTAP HA pairs in multiple AWS AZs

You can modify the AWS route tables that include routes to the floating IP addresses for an HA pair that's deployed in multiple AWS Availability Zones (AZs). You might do this if new NFS or CIFS clients need to access an HA pair in AWS.

Steps

1. On the **Systems** page, select the system.
2. On the Overview tab, click the Features panel and then click the pencil icon next to **Route tables**.
3. Modify the list of selected route tables and then click **Save**.

Result

The NetApp Console sends an AWS request to modify the route tables.

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