Supported configurations for Cloud Volumes ONTAP 9.4

Cloud Volumes ONTAP

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Supported configurations for Cloud Volumes ONTAP 9.4

Cloud Volumes ONTAP is available in AWS and Azure in two pricing options: pay-as-you-go and Bring Your Own License (BYOL). For pay-as-you-go, you can choose from three configurations: Explore, Standard, or Premium.

Cloud Volumes ONTAP for AWS

In AWS, you can deploy Cloud Volumes ONTAP as a single system or an HA pair.

	Explore	Standard	Premium	BYOL
EC2 instance types	m4.xlarge	• m4.2xlarge • r4.xlarge	• c4.4xlarge • c4.8xlarge • m4.4xlarge • r4.2xlarge	• c4.4xlarge • c4.8xlarge • m4.xlarge • m4.2xlarge • m4.4xlarge • r4.xlarge • r4.2xlarge
Underlying storage	General Purpose SSDs, Provisioned IOPS SSDs, Throughput Optimized HDDs, and Cold HDDs, up to 16 TB per disk			
Maximum system capacity (disks + object storage)	2 TB	10 TB	368 TB	368 TB per license

Notes:

1. If you enable data tiering, a system's capacity limit stays the same. The capacity limit includes both disks and object storage.
2. Data tiering is supported with Cloud Volumes ONTAP Standard, Premium, and BYOL.
3. When you choose an EC2 instance type, you can specify whether it is a shared instance or a dedicated instance.
4. Enhanced write performance is supported when using EBS SSDs with Cloud Volumes ONTAP Standard, Premium, and BYOL.
5. For AWS region support, see Cloud Volumes Global Regions.

Cloud Volumes ONTAP for Azure

In Azure, you can deploy Cloud Volumes ONTAP as a single node system.

	Explore	Standard	Premium	BYOL
Virtual machine types	DS3_v2	• DS4_v2 • DS13_v2	• DS5_v2 • DS14_v2	• DS3_v2 • DS4_v2 • DS5_v2 • DS13_v2 • DS14_v2
Underlying storage	Standard HDD Managed Disks, Standard SSD Managed Disks, and Premium SSD Managed Disks, up to 32 TB per disk			
Maximum system capacity (disks + object storage)	2 TB	10 TB	368 TB	368 TB per license

Notes:

1. If you enable data tiering, a system's capacity limit stays the same. The capacity limit includes both disks and object storage.
2. Data tiering is not supported with the DS3_v2 virtual machine type.
3. Enhanced write performance is enabled when using Azure Premium Storage disks, but not when using the DS3_v2 virtual machine type.
4. For Azure region support, see Cloud Volumes Global Regions.

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