



Supported configurations for Cloud Volumes ONTAP 9.6 in Azure

Cloud Volumes ONTAP

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Supported configurations for Cloud Volumes ONTAP 9.6 in Azure

Cloud Volumes ONTAP is available in 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.

Supported configurations by license

Cloud Volumes ONTAP is available in Azure as a single node system and as a high-availability (HA) pair of nodes for fault tolerance and nondisruptive operations.

Upgrading a single node system to an HA pair is not supported. If you want to switch between a single node system and an HA pair, then you need to deploy a new system and replicate data from the existing system to the new system.

Single node systems

You can choose from the following configurations when deploying Cloud Volumes ONTAP as a single-node system in Azure:

	Explore	Standard	Premium	BYOL
Supported virtual machine types	DS3_v2	<ul style="list-style-type: none">• DS4_v2• DS13_v2	<ul style="list-style-type: none">• DS5_v2• DS14_v2• DS15_v2	<ul style="list-style-type: none">• DS3_v2• DS4_v2• DS5_v2• DS13_v2• DS14_v2• DS15_v2
Supported disk types ¹	Standard HDD Managed Disks, Standard SSD Managed Disks, and Premium SSD Managed Disks			
Cold data tiering to Blob storage ²	Not supported	Supported		
Maximum system capacity (disks + object storage)	2 TB	10 TB	368 TB	368 TB per license

Notes:

1. Enhanced write performance is enabled when using SSDs, but not when using the DS3_v2 virtual machine type.
2. Data tiering is not supported with the DS3_v2 virtual machine type.
3. For Azure region support, see [Cloud Volumes Global Regions](#).

HA pairs

You can choose from the following configurations when deploying Cloud Volumes ONTAP as an HA pair in Azure:

	Explore	Standard	Premium	BYOL
Supported virtual machine types	Not supported	<ul style="list-style-type: none">• DS4_v2• DS13_v2	<ul style="list-style-type: none">• DS5_v2• DS14_v2• DS15_v2	<ul style="list-style-type: none">• DS4_v2• DS5_v2• DS13_v2• DS14_v2• DS15_v2
Supported disk types	Not supported	Premium page blobs		
Cold data tiering to Blob storage ²	Not supported	Supported		
Maximum system capacity (disks + object storage)	Not supported	10 TB	368 TB	368 TB per license

Notes:

1. For Azure region support, see [Cloud Volumes Global Regions](#).

Supported disk sizes

In Azure, an aggregate can contain up to 12 disks that are all the same type and size.

Single node systems

Single node systems use Azure Managed Disks. The following disk sizes are supported:

Premium SSD	Standard SSD	Standard HDD
<ul style="list-style-type: none">• 500 GB• 1 TB• 2 TB• 4 TB• 8 TB• 16 TB• 32 TB	<ul style="list-style-type: none">• 100 GB• 500 GB• 1 TB• 2 TB• 4 TB• 8 TB• 16 TB• 32 TB	<ul style="list-style-type: none">• 100 GB• 500 GB• 1 TB• 2 TB• 4 TB• 8 TB• 16 TB• 32 TB

HA pairs

HA pairs use Premium page blobs. The following disk sizes are supported:

- 500 GB
- 1 TB
- 2 TB
- 4 TB
- 8 TB

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