



# **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
<b>Supported virtual machine types</b>	DS3_v2	<ul style="list-style-type: none"><li>• DS4_v2</li><li>• DS13_v2</li></ul>	<ul style="list-style-type: none"><li>• DS5_v2</li><li>• DS14_v2</li><li>• DS15_v2</li></ul>	<ul style="list-style-type: none"><li>• DS3_v2</li><li>• DS4_v2</li><li>• DS5_v2</li><li>• DS13_v2</li><li>• DS14_v2</li><li>• DS15_v2</li></ul>
<b>Supported disk types</b> <sup>1</sup>	Standard HDD Managed Disks, Standard SSD Managed Disks, and Premium SSD Managed Disks			
<b>Cold data tiering to Blob storage</b>	Not supported	Supported		
<b>Maximum system capacity (disks + object storage)</b>	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. 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
<b>Supported virtual machine types</b>	Not supported	<ul style="list-style-type: none"><li>• DS4_v2</li><li>• DS13_v2</li></ul>	<ul style="list-style-type: none"><li>• DS5_v2</li><li>• DS14_v2</li><li>• DS15_v2</li></ul>	<ul style="list-style-type: none"><li>• DS4_v2</li><li>• DS5_v2</li><li>• DS13_v2</li><li>• DS14_v2</li><li>• DS15_v2</li></ul>
<b>Supported disk types</b>	Not supported	Premium page blobs		
<b>Cold data tiering to Blob storage <sup>2</sup></b>	Not supported	Supported		
<b>Maximum system capacity (disks + object storage)</b>	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"><li>• 500 GB</li><li>• 1 TB</li><li>• 2 TB</li><li>• 4 TB</li><li>• 8 TB</li><li>• 16 TB</li><li>• 32 TB</li></ul>	<ul style="list-style-type: none"><li>• 100 GB</li><li>• 500 GB</li><li>• 1 TB</li><li>• 2 TB</li><li>• 4 TB</li><li>• 8 TB</li><li>• 16 TB</li><li>• 32 TB</li></ul>	<ul style="list-style-type: none"><li>• 100 GB</li><li>• 500 GB</li><li>• 1 TB</li><li>• 2 TB</li><li>• 4 TB</li><li>• 8 TB</li><li>• 16 TB</li><li>• 32 TB</li></ul>

## 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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