



Release notes

Amazon FSx for NetApp ONTAP

NetApp
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Release notes

What's new

Learn what's new with Amazon FSx for NetApp ONTAP.

1 September 2024

Read mode support for storage management

Read mode is available for storage management in Workload Factory. Read mode enhances the experience of basic mode by adding read-only permissions so that the Infrastructure-as-Code templates are filled with your specific variables. The Infrastructure-as-Code templates can be executed directly from your AWS account without providing any modify permissions to Workload Factory.

[Learn more about read mode](#)

Backup before volume deletion support

You can now back up a volume before deleting it. The backup will remain in the file system until deleted.

[Delete a volume](#)

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Terraform support

You can now use Terraform from the Codebox to deploy file systems and storage VMs.

- [Create a file system](#)
- [Create a storage VM](#)
- [Use Terraform from Codebox](#)

Throughput and IOPS recommendations in the storage calculator

The storage calculator makes FSx for ONTAP file system configuration recommendations for throughput and IOPS based on AWS best practices, which provides you with optimal guidance for your selections.

7 July 2024

Initial release of Workload Factory for Amazon FSx for NetApp ONTAP

Amazon FSx for NetApp ONTAP is now generally available in Workload Factory.

Known limitations

Known limitations identify platforms, devices, or functions that are not supported by this release of the product in Workload Factory, or that do not interoperate correctly with it. Review these limitations carefully.

Link

A link is required to complete some operations like replication in the Workload Factory user interface.

Storage efficiency

Storage efficiency cannot be disabled or enabled after volume creation.

Throughput capacity region support

Scale-up deployments

The following regions support up to 4 GB/s maximum throughput capacity for scale-up deployments: US East (Ohio) Region, US East (N. Virginia) Region, US West (Oregon) Region, and Europe (Ireland).

Scale-out deployments

The following regions support up to 3 and 6 GB/s maximum throughput capacity for scale-out deployments: US East (N. Virginia), US East (Ohio), US West (Oregon), Europe (Ireland), and Asia Pacific (Sydney).

Capacity management

- The volume autogrow feature isn't currently supported for the iSCSI protocol.
- When the automatic capacity management feature is running, manual capacity increase isn't allowed.
- Disabling the automatic capacity management feature is only possible with the same permissions used to enable it.

Storage VMs

The number of storage VMs is limited per SKU. Creating storage VMs beyond the limitation isn't supported in Workload Factory.¹

Refer to [Managing FSx for ONTAP storage virtual machines](#) in AWS documentation for the maximum number of SVMs per file system.

iSCSI protocol support

- The iSCSI protocol is only supported for scale-up deployments. ¹
- The iSCSI protocol is only available for FlexGroup volumes. ¹
- Only a single LUN can be configured per volume.

Region support

- Canada West (Calgary) region isn't currently supported.

Data protection

- Snapshots cannot be deleted.
- Only replication between FSx for ONTAP file systems is supported.

- When you replicate a file system, all volumes in the file system use the same replication policy.
- Only the last snapshot is available for restore.

Storage savings calculator

The Storage savings calculator doesn't calculate cost savings for the following configurations:

- FSx for Windows File Server: HDD storage type
- Elastic Block Store (EBS): st1, sc1, and standard volume types
- Elastic File System (EFS): Bursting throughput mode

Note:

1. Applies to Amazon FSx for NetApp ONTAP

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