



File system administration

Amazon FSx for NetApp ONTAP

NetApp
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File system administration

Increase file system capacity

Manually increase the SSD storage capacity of an FSx for ONTAP file system when the amount of used SSD storage capacity exceeds a threshold that you specify.

Alternatively, you can [enable the automatic capacity management feature](#) so Workload Factory manages file system capacity for you.

About this task

Increasing file system capacity impacts IOPS for your FSx for ONTAP file system.

When you automatically [provision IOPS](#) for a file system, IOPS increases by 3 IOPS with every 1 GiB increase in SSD capacity.

When you [provision IOPS](#) manually, you may need to increase your IOPS allocation to support the increased file system capacity.

For SSD storage capacity limits, refer to [Quotas](#) in AWS FSx for NetApp ONTAP documentation.

Before you begin

To increase capacity for a file system, you must first [disable automatic capacity management](#).

Steps

1. Log in to the the Workload Factory console.
2. In Storage, click **Go to Storage inventory**.
3. In the **FSx for ONTAP** tab, click the three dots menu of the file system to increase capacity for.
4. Select **Manage**.
5. Under Information, click the pencil icon next to **Capacity distribution**. The pencil icon appears next to the drop down arrow when the mouse hovers over the **Capacity distribution** row.
6. In the SSD storage size dialog, enter a number for **Provisioned capacity**.
7. Select the unit for the provisioned capacity.
8. Click **Apply**.

Enable automatic capacity management for a file system

Enabling this feature lets Workload Factory automatically add incremental storage to an FSx for ONTAP file system as capacity needs change over time.

About this task

Only one account can manage this feature.

The maximum amount of SSD storage capacity for all FSx for ONTAP file systems is 524,288 GiB. To request a quota increase, refer to [Quotas](#) in AWS FSx for NetApp ONTAP documentation.

Before you begin

You must have credentials with *Automate* permissions in Workload Factory to complete this task.

Steps

1. Log in to the the Workload Factory console.
2. In Storage, select **Go to Storage inventory**.
3. In the **FSx for ONTAP** tab, click the three dots menu of the file system to enable automatic capacity management for.
4. Select **Manage**.
5. Under Information, click the pencil icon next to **Automatic capacity management**. The pencil icon appears next to the drop down arrow when the mouse hovers over the **Automatic capacity management** row.
6. In the **Automatic capacity management** dialog, provide the following:
 - a. **Credentials**: Select credentials with *Automate* permissions from the dropdown menu.
 - b. Click the enable button to **Enable automatic capacity management**.

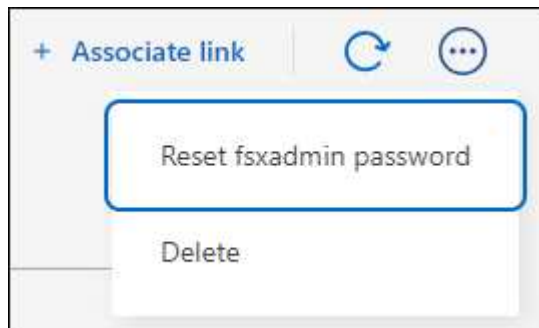
Alternatively, disable the feature. If you need to increase file system capacity, you must first disable automatic capacity management.
 - c. **Capacity threshold**: Enter the maximum size for the FSx for ONTAP file system.
 - d. **Capacity increase increments**: Enter the percentage to increase capacity incrementally.
7. Click **Apply**.

Reset the fsxadmin password

Reset the fsxadmin password when needed.

Steps

1. Log in to the the Workload Factory console.
2. In Storage, select **Go to Storage inventory**.
3. In the **FSx for ONTAP** tab, click the three dots menu of the file system to reset the fsxadmin password for and then select **Manage**.
4. From the file system overview, click the three dots menu.



5. Select **Reset fsxadmin password**.
6. In the Reset fsxadmin password dialog, enter a new fsxadmin password and re-enter it to confirm.
7. Click **Apply**.

Delete a file system

To delete a file system, you must first delete any volumes, storage VMs, or replication relationships associated with the file system.

Steps

1. Log in to the [Workload Factory console](#)
2. In Storage, select **Go to storage inventory**.
3. In the **FSx for ONTAP** tab, click the three dots menu of the FSx for ONTAP file system you want to delete.
4. Select **Manage**.
5. In the **Overview** tab, click the three dots menu.
6. Click **Delete**.
7. In the Delete FSx for ONTAP file system dialog, enter the name of the FSx for ONTAP file system to delete.
8. Click **Delete**.

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