Manage backups to object storage

Amazon FSx for NetApp ONTAP

NetApp
September 02, 2024

This PDF was generated from https://docs.netapp.com/us-en/workload-fsx-ontap/create-backup.html on September 02, 2024. Always check docs.netapp.com for the latest.

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Manage backups to object storage

Create a manual backup of a volume

Create a manual backup of a volume outside regularly scheduled backups.

About this task

FSx for ONTAP backups are per volume, so each backup contains only the data in a particular volume.

FSx for ONTAP backups are incremental which means that only the data on the volume that has changed after your most recent backup is saved. This minimizes the time required to create the backup and the storage required for the backup, which saves on storage costs by not duplicating data.

Before you begin

To take backups of your volumes, both your volume and your file system must have enough available SSD storage capacity to store the backup snapshot. When taking a backup snapshot, the additional storage capacity consumed by the snapshot cannot cause the volume to exceed 98% SSD storage utilization. If this happens, the backup will fail.

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 file system with the volume and then select **Manage**.
4. In the file system overview, select the **Volumes** tab.
5. From the **Volumes** tab, click the three dots menu for the volume to back up.
6. Select **Data protection actions**, **FSx for ONTAP backup**, and then **Manual backup**.
7. In the Manual backup dialog, enter a name for the backup.
8. Click **Back up**.

Restore a volume from a backup

Restore a volume from a backup to any FSx for ONTAP file system in your AWS account.

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 file system with the volume and then select **Manage**.
4. In the file system overview, select the **Volumes** tab.
5. From the **Volumes** tab, click the three dots menu for the volume to restore from a backup.
6. Select **Data protection actions**, **FSx for ONTAP backup**, and then **Restore from a backup**.
7. In the Restore from a backup dialog, provide the following:
    a. **Target file system**: Select the target file system from the dropdown menu.

b. **Target storage VM**: Select the target storage VM from the dropdown menu.
c. **Backup name**: Select the backup name from the dropdown menu.
d. **Restored volume name**: Enter the restored volume name.

8. Click **Restore**.

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