



Work with host groups

NetApp Keystone

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Work with host groups

Host groups are defined to determine access to disks. Based on the initiator nodes assigned to a host groups, the access of that host group is determined.

View host groups

To view the Host Group list, select **BLOCK STORAGE > Host Groups** from the menu.

The list displays the defined host groups.

From this page you can create a new host group, modify a host group, and delete a host group.

Create a host group

There are two ways to create a host group:

- From the Host Groups page, described below.
- As part of creating a new disk. Use this method when you need to create a host group on a block store that has not yet been initialized. For more information see [Create a new disk](#).

It is possible to create an empty host group and map it to a disk as a placeholder. You must update the empty host group to add initiators before you will be able to access the storage.

Before you begin

You need the following to create the host group:

- The subtenant, region and zone in which to create the host group.



If the block store for a subtenant/zone combination has not been previously initialized, you will not be able to create a host group using this method. An alternative is to follow the [Create a new disk](#) process, which allows you to initialize the block store and create a host group as part of the process.

- A name for the host group
- The host group protocol: iSCSI or FCP
- The list of initiators to add to the group: WWPNs for FC hosts nodes or IQNs for iSCSI host node names.
- An alias for each initiator; an alias is a simple name to identify the initiator server, or an individual port/interface on the server. For example, Server 4.

Steps

1. [View the host groups](#) list.
2. Click **Create Host Group**.
3. On the Create Host Group page:
 - a. Select the protocol: iSCSI or FCP.
 - b. Select the subtenant, region, and zone and for the host group.
4. Specify a name for the host group.
5. Select the OS Type: the disk operating system.
6. Add the Initiators for the group. For each initiator, specify the alias and the initiator.
7. If required, add tags (key-value pairs) to the host group in the Tags section.
8. Click **Create**. This creates the host group.

After you finish

After the host group is created, it is available for mapping to disks.

Modify host Groups

You can modify a host group to add, remove or amend initiators.

Modifying a host group will modify access for each disk mapped to the host group.

You cannot modify the alias of an initiator. To change the alias, delete the initiator from the group and then re-create it.

Steps

1. View the [Host Groups](#) list.
2. Locate the host group in the list and click the Edit icon for that host group.

To modify an existing initiator, locate the initiator in the list, edit the initiator value and click **Update**.

To add an initiator:

- a. click **Add Initiator**.
- b. Specify the Alias and Initiator.
- c. Click **Create**.

To remove an initiator from the host group, locate the initiator in the list and click the Delete icon.

3. Click **Done**.

Delete a host groups

You can delete a host group if there are no disks mapped to the host group.

Steps

1. View the [Host Groups](#) list.
2. Locate the host group in the list and click the Delete icon for that host group.
3. At the Confirm Delete dialog, enter the host group name to confirm that you want to delete the host group.
4. Click **Confirm**.

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