



Discovering ONTAP clusters

Cloud Manager

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Discovering ONTAP clusters

Cloud Manager can discover the ONTAP clusters in your on-premises environment, in a NetApp Private Storage configuration, and in the IBM Cloud. Discovering an ONTAP cluster enables you to provision storage, replicate data, and tier cold data from an on-prem cluster to the cloud.

Before you begin

You must have the cluster management IP address and the password for the admin user account to add the cluster to Cloud Manager.

Cloud Manager discovers ONTAP clusters using HTTPS. If you use custom firewall policies, they must meet the following requirements:

- The Cloud Manager host must allow outbound HTTPS access through port 443.

If Cloud Manager is in AWS, all outbound communication is allowed by the predefined security group.

- The ONTAP cluster must allow inbound HTTPS access through port 443.

The default "mgmt" firewall policy allows inbound HTTPS access from all IP addresses. If you modified this default policy, or if you created your own firewall policy, you must associate the HTTPS protocol with that policy and enable access from the Cloud Manager host.

Steps

1. On the Working Environments page, click **Discover** and select **ONTAP Cluster**.
2. On the **ONTAP Cluster Details** page, enter the cluster management IP address, the password for the admin user account, and the location of the cluster.

ONTAP Cluster Details

Provide a few details about your ONTAP cluster so Cloud Manager can discover it.

Cluster Details

Cluster management IP address

170.10.15.32

User name

admin

Password

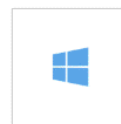
Cluster Location



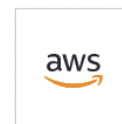
On Premises



IBM Cloud



Microsoft
Azure



Amazon
Web Services



Google Cloud

3. On the Details page, enter a name and description for the working environment, and then click **Go**.

Result

Cloud Manager discovers the cluster. You can now create volumes, replicate data to and from the cluster, and launch OnCommand System Manager to perform advanced tasks.``

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