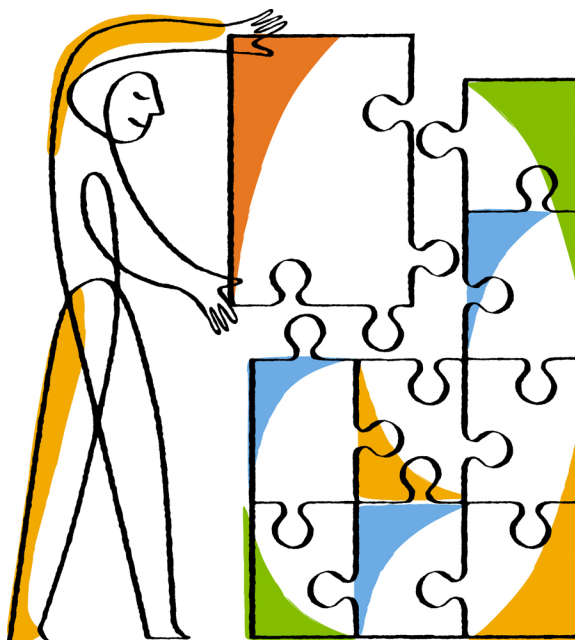




OnCommand® Cloud Manager 1.0

Release Notes



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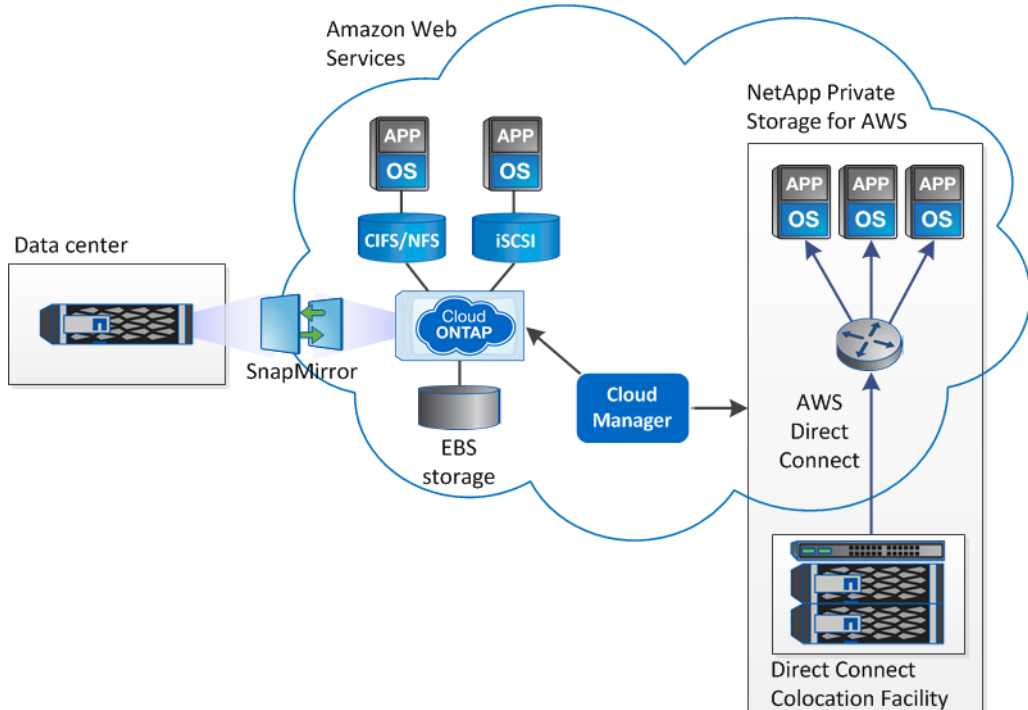
Product overview

OnCommand Cloud Manager helps you set up and manage hybrid cloud storage environments built on clustered Data ONTAP. You can use Cloud Manager to launch and manage Cloud ONTAP instances in Amazon Web Services (AWS) and to set up a network connection and Storage Virtual Machine (SVM) for NetApp Private Storage. Using clustered Data ONTAP in your data center and in the cloud gives you the enterprise standard for data management across your hybrid cloud.

Cloud Manager offers the following:

- Point-and-click deployments of Cloud ONTAP instances
- Simplified provisioning of cloud storage for Cloud ONTAP
- Cost monitoring of AWS storage and compute charges associated with Cloud ONTAP instances
- Network connection setup for NetApp Private Storage by connecting a FAS storage system in an AWS colocation facility to an AWS Direct Connect

You can run Cloud Manager in AWS or in your data center. The following graphic shows Cloud Manager running in AWS, managing a Cloud ONTAP instance and NetApp Private Storage:



Verifying support for your configuration in the IMT

You can use the NetApp Interoperability Matrix (IMT) to verify product support for your configuration before you install this release.

Steps

1. Access the IMT.

NetApp Interoperability Matrix Tool

2. If **OnCommand Cloud Manager** is not the selected Storage Solution, click **Change** and select it under the **Cloud Suite** category.



3. In the **Component Explorer** pane, select each component you want to verify and click **Add** when prompted.

When you add an item, incompatible items are grayed out.

Tip: Select the parent of a set of components to select all of its children.

4. When you are satisfied with your choices, click **Show Results**.

The IMT lists each supported configuration.

5. You can:

- Scroll across a configuration to view the supported components and any notes or alerts for the configuration.
- Click the configuration name to display complete information for supported components, including support history and NetApp policies and guidelines for the selected Storage Solution category.

6. If no results are returned for your configuration, use the feedback wizard to report the problem to NetApp:

- a. Click **Feedback** in the upper right corner of the IMT.
- b. Select **I cannot find my configuration**, then click **Next**.
- c. Choose **OnCommand Cloud Manager** in the **Solution** drop-down list, then type your comments and click **Submit**.

Known limitations

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

Windows Server Failover Clustering is not supported

Cloud Manager does not support Windows Server Failover Clustering.

Cloud Manager installation can fail on some configurations due to port contentions

Installation of Cloud Manager fails on a Windows host if Internet Information Services (IIS) is installed and running or if another instance of MySQL is running. The installation fails because the services use ports that Cloud Manager is configured to use by default.

You must address these port contentions before you can install Cloud Manager. For details about port requirements and how to address these contentions, see the [OnCommand Cloud Manager 1.0 Installation and Setup Guide](#).

EC2 instance name changes do not change Cloud ONTAP working environment names or cluster names

If you change the name of a Cloud ONTAP instance from the AWS EC2 console, the Cloud ONTAP working environment name and the Cloud ONTAP cluster name do not change.

Known issues

Known issues identify problems that might prevent you from using this release of the product successfully.

Bug ID	Description
2362	If you create more than one aggregate simultaneously, Cloud Manager might fail to create some of the aggregates. When this happens, the following error displays in the Timeline: Disk "NET-1.x" is not assigned to any node, so it cannot be used in an aggregate. Use "storage disk assign" command to assign this disk to a node or use a different disk. The aggregate was not created, so the EBS disks were actually detached from the Cloud ONTAP instance and deleted. You cannot use the storage disk assign command to assign a disk to a node. Workaround: Create aggregates one at a time. Wait for Cloud Manager to finish creating an aggregate before you create a new aggregate.
3476	Working environments might fail to load in Cloud Manager. When this happens, Cloud Manager displays an error that includes the following reason: Premature connection close (the server doesn't appear to support request pipelining) Workaround: Reload the page.
3602	When you create a Cloud ONTAP working environment, you can select the Use generated security group option to have Cloud Manager create a security group based on required settings. If you choose this option and then use that recently created security group for other Cloud ONTAP instances, deleting the first Cloud ONTAP working environment under which the security group was created does not complete successfully. Workaround: Delete any remaining AWS resources from the EC2 console (the instance, EBS volumes, and EBS snapshots).
3883	In the New User and Edit User pages, the AWS Keys and Bucket section shows instructions for enabling AWS cost data in Cloud Manager. These instructions are not complete. Workaround: Follow the instructions in the OnCommand Cloud Manager 1.0 Installation and Setup Guide.

Where to get help and find more information

You can get help and find more information by going to the NetApp Support Site and the NetApp Community forums.

Resource	Description
NetApp Support	Access troubleshooting tools, product documentation, and technical support assistance.
NetApp Cloud ONTAP Support	Access support resources to get help and troubleshoot issues with Cloud ONTAP.
NetApp Community: Hybrid Cloud	Connect with peers, ask questions, exchange ideas, find resources, and share best practices.
NetApp Cloud ONTAP Resources	Access additional documentation and videos for Cloud Manager and Cloud ONTAP.

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You can also contact us in the following ways:

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