



OnCommand® Cloud Manager 3.4

Release Notes

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doccomments@netapp.com

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Product overview

OnCommand Cloud Manager enables you to deploy ONTAP Cloud systems, which provide enterprise-class features for your cloud storage, and to easily replicate data across hybrid clouds built on NetApp.

Cloud Manager provides two management views in standard Amazon Web Services (AWS) regions: the Storage System View and the Volume View. The Storage System View is the default view for Microsoft Azure and the AWS GovCloud (US) region.

Storage System View

You can use Cloud Manager in this view to have full control of ONTAP Cloud systems:

- Configure and launch ONTAP Cloud instances in AWS and in Azure
- Provision NFS and CIFS storage
- Replicate data across a hybrid cloud and multi-cloud environment: between ONTAP clusters, ONTAP Cloud systems, and NetApp Private Storage for Cloud configurations
- Manage ONTAP Cloud systems as needed, which includes capacity allocation decisions, simplified upgrades, cost monitoring, and several other tasks

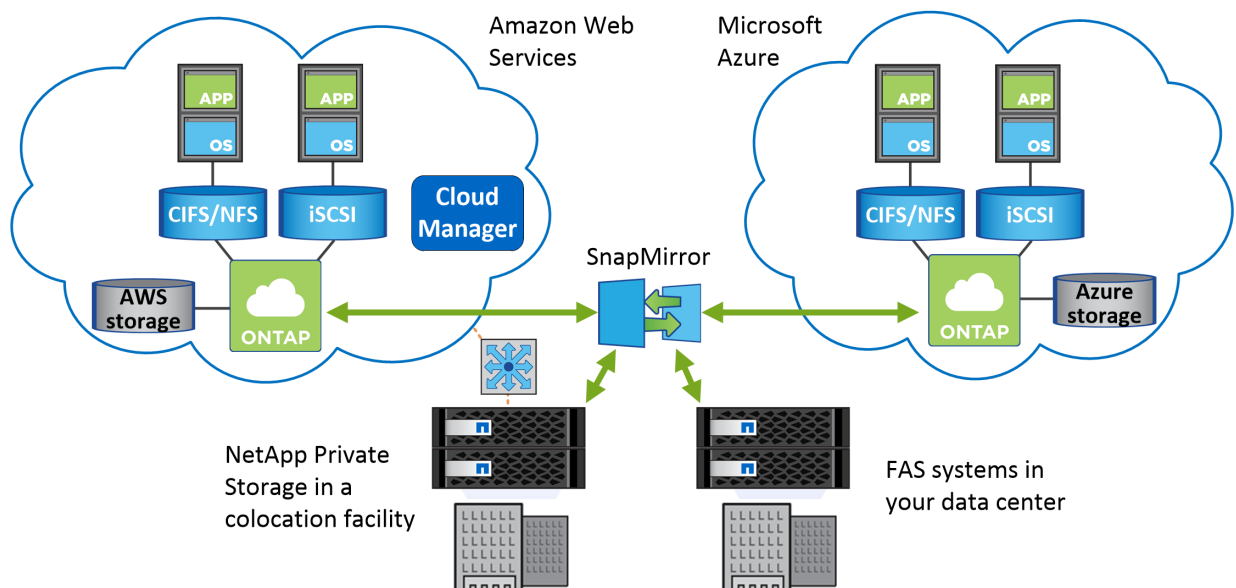
Volume View

The Volume View enables you to simply specify the NFS volumes that you need in AWS and then Cloud Manager handles the rest: it deploys ONTAP Cloud systems as needed and it makes capacity allocation decisions as volumes grow. This view gives you the benefits of enterprise-class storage in the cloud with very little storage management.

Where to deploy Cloud Manager

Cloud Manager can run in the cloud or in your network—it just needs a connection to the networks in which you want to deploy ONTAP Cloud systems.

The following image shows Cloud Manager running in AWS and managing ONTAP Cloud systems in AWS and Azure. It also shows data replication across a hybrid cloud.



New in this release

You can view a web page to learn about new features and enhancements in the latest releases of OnCommand Cloud Manager.

[What's new in OnCommand Cloud Manager](#)

Related information

[Find the Release Notes for your version of ONTAP Cloud](#)

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.

Active Directory not supported by default with new installations of Cloud Manager

Starting with version 3.4, new installations of Cloud Manager do not support using your organization's Active Directory authentication for user management. If needed, NetApp can help you set up Active Directory with Cloud Manager. Click the chat icon in the lower right of Cloud Manager to get assistance.

Cloud Sync integration is not supported when updating to Cloud Manager 3.4

When Cloud Manager updates to version 3.4, integrating working environments with the Cloud Sync service is no longer supported. Integration works with new installations of Cloud Manager 3.4 only.

If you updated to version 3.4 and you want to use the Sync to S3 feature with Cloud Manager then you must deploy a new Cloud Manager system from the NetApp SaaS portal and rediscover your existing ONTAP Cloud systems.

Limitations with the AWS GovCloud (US) region

- Cloud Manager must be deployed in the AWS GovCloud (US) region if you want to launch ONTAP Cloud instances in the AWS GovCloud (US) region.
- The ONTAP Cloud pay-as-you-go AMI is not supported in the AWS GovCloud (US) region.
- When deployed in the AWS GovCloud (US) region, Cloud Manager cannot discover ONTAP clusters in a NetApp Private Storage for Microsoft Azure configuration or a NetApp Private Storage for SoftLayer configuration.

Volume View limitations

- The Volume View is not supported in the AWS GovCloud (US) region, in the AWS Commercial Cloud Services environment, and in Microsoft Azure.
- The Volume View enables you to create NFS volumes only.
- Cloud Manager does not launch ONTAP Cloud BYOL instances in the Volume View.
- ONTAP Cloud encryption is not available in the Volume View.

Note: All instances use Amazon EBS encryption.

Cloud Manager does not verify IP addresses of key managers

When you add a key manager to Cloud Manager, it does not verify the IP address that you entered because Cloud Manager does not communicate with key managers. If the IP address is incorrect, you are notified later when you try to create an ONTAP Cloud working environment. Be sure to verify key manager IP addresses after you enter them.

Cloud Manager does not set up iSCSI volumes

When you create a volume in Cloud Manager using the Storage System View, you can choose the NFS or CIFS protocol. You must use OnCommand System Manager to create a volume for iSCSI.

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

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

Known issues

There are no known issues in this release.

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.

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

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To help us direct your comments to the correct division, include in the subject line the product name, version, and operating system.

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You can also contact us in the following ways:

- NetApp, Inc., 495 East Java Drive, Sunnyvale, CA 94089 U.S.
- Telephone: +1 (408) 822-6000
- Fax: +1 (408) 822-4501
- Support telephone: +1 (888) 463-8277