Cloud\ \;Manager\ \;3\.5

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1. Security

Cloud Volumes ONTAP supports data encryption and provides protection against viruses.

1.1. Data encryption in Azure

Azure Storage Service Encryption for data at rest is enabled by default for Cloud Volumes ONTAP data in Azure.

> **ℹ** Customer-managed keys are not supported with Cloud Volumes ONTAP.

1.2. Data encryption in AWS

Data encryption is supported in AWS using the AWS Key Management Service (KMS). Cloud Manager requests data keys using a customer master key (CMK).

If you want to use this encryption option, then you must ensure that the AWS KMS is set up appropriately. For details, see Setting up the AWS KMS.

1.3. ONTAP virus scanning

You can use integrated antivirus functionality on ONTAP systems to protect data from being compromised by viruses or other malicious code.

ONTAP virus scanning, called *Vscan*, combines best-in-class third-party antivirus software with ONTAP features that give you the flexibility you need to control which files get scanned and when.

For information about the vendors, software, and versions supported by Vscan, see the NetApp Interoperability Matrix.

For information about how to configure and manage the antivirus functionality on ONTAP systems, see the ONTAP 9 Antivirus Configuration Guide.