



Introduction to ONTAP for vSphere Administrators

NetApp Solutions

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Table of Contents

Introduction to ONTAP for vSphere Administrators	1
Why ONTAP for vSphere?	1

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Why ONTAP for vSphere?

NetApp ONTAP simplifies storage and data management operations and distinctly complements VMware environments, whether deploying on-premises or to the cloud. NetApp best-in-class data protection, storage efficiency innovations, and outstanding performance in both SAN- and NAS-based VMware architectures are among the reasons why tens of thousands of customers have selected ONTAP as their storage solution for vSphere deployments.

NetApp provides numerous VMware plug-ins, validations, and qualifications of various VMware products to support customers facing the unique challenges of administering a virtualization environment. NetApp does for storage and data management what VMware does for virtualization, allowing customers to focus on their core competencies rather than managing physical storage. This nearly 20-year partnership between VMware and NetApp continues to evolve and add customer value as new technologies, such as VMware Cloud Foundation and Tanzu, emerge, while continuing to support the foundation of vSphere.

Key factors customers value include:

- **Unified storage**
- **Storage efficiency**
- **Virtual volumes and storage policy-based management**
- **Hybrid cloud**

For more information regarding supported NetApp and VMware solutions, see the following resources:

- [The NetApp Interoperability Matrix Tool](#) (IMT). The IMT defines the qualified components and versions you can use to build FC/FCoE, iSCSI, NFS and CIFS configurations.
- [The VMware Compatibility Guide](#). The VMware Compatibility guide lists System, I/O, Storage/SAN and Backup compatibility with VMware Infrastructure and software products
- [NetApp ONTAP Tools for VMware](#). ONTAP tools for VMware vSphere is a single vCenter Server plug-in that includes the VSC, VASA Provider, and Storage Replication Adapter (SRA) extensions.

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