Release notes

ONTAP tools for VMware vSphere 10

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Release notes

Release notes for ONTAP tools

Learn about the new and enhanced features available in ONTAP tools for VMware vSphere 10.5.

For a complete list of new features and enhancements, refer What's new in ONTAP tools for VMware vSphere 10.5.

For the most up-to-date compatibility information, refer NetApp Interoperability Matrix Tool.

Migration is supported from ONTAP tools for VMware vSphere 9.12D1, 9.13D2, and 9.13P2 releases to ONTAP tools for VMware vSphere 10.5.

For more information, refer the ONTAP tools for VMware vSphere 10.5 Release Notes. You must sign in with your NetApp account or create an account to access the Release Notes.

What's new in ONTAP tools for VMware vSphere 10.5

Learn about the new capabilities available in ONTAP tools for VMware vSphere 10.5.

- **Platform qualification**

ONTAP tools for VMware vSphere 10.5 adds support for ASA r2 systems, providing compatibility with the latest hardware and software configurations. This release also includes integration with ONTAP 9.16.1 and 9.17.1, expanding the supported environments.

- **VMware qualification and certifications**

ONTAP tools for VMware vSphere 10.5 complies with current VMware interoperability certification standards, supporting both ESXi host and vCenter Server.

- **MetroCluster support**

This release introduces support for MetroCluster configurations, enhancing high availability and disaster recovery capabilities.

- **Security and certificate management**

This release introduces streamlined management of self-signed certificates, enhancing both user experience and adherence to security standards. It provides improved certificate validation workflows to secure ONTAP and ONTAP tools for VMware vSphere communications.

- **Replication enhancements**

This release supports VMFS replication with hierarchical consistency group including SRA and SnapMirror active sync in ASA r2 systems. It supports zero RPO backups to improve data protection and recovery.

- **Upgrade and migration**

The upgrade and migration process from previous versions of ONTAP tools for VMware vSphere to ONTAP tools for VMware vSphere 10.5 is designed to be seamless and efficient, minimizing downtime and ensuring a

smooth transition.

Supported ONTAP platforms and vCenter Server versions

ONTAP tools for VMware vSphere 10.5 P1 supports vCenter High Availability (HA) configurations for SRA and SnapMirror active sync components. vVols is not supported in this configuration. During an HA failover, vCenter might be unavailable for several minutes. In large environments or if an error occurs, failover times can exceed 15 minutes.

For more information, see the vCenter High Availability documentation. For questions about vCenter HA, contact Broadcom Support.

For the latest details on version compatibility, refer to NetApp Interoperability Matrix Tool.

ONTAP tools for VMware vSphere 9 and 10 feature comparison

Learn whether migrating from ONTAP tools for VMware vSphere 9 to ONTAP tools for VMware vSphere 10.2 or later versions is right for you.

For the most up-to-date compatibility information, refer NetApp Interoperability Matrix Tool.

Feature	ONTAP tools 9.13	ONTAP tools 10.2 onwards
Key value proposition	Streamline and simplify day-0 to day-2 operations with enhanced security, compliance and automation capabilities	Expanded support to include FC for VMFS and NVMe-oF for VMFS only. Ease of use for NetApp SnapMirror, simple setup for vSphere metro storage clusters, and three-site VMware Live Site Recovery support
ONTAP release qualification	ONTAP 9.9.1 to ONTAP 9.16.1	ONTAP 9.12.1 to 9.15.1 for ONTAP tools 10.2. ONTAP 9.14.1, 9.15.1, 9.16.0, and 9.16.1 for ONTAP tools 10.3. ONTAP 9.14.1, 9.15.1, 9.16.0, and 9.16.1 for ONTAP tools 10.4. ONTAP 9.16.1P3 and later is required for ONTAP tools 10.4 when using ASA r2 systems. ONTAP 9.15.1, 9.16.1, and 9.17.0 for ONTAP tools 10.5

Feature	ONTAP tools 9.13	ONTAP tools 10.2 onwards
VMware release support	vSphere 7.x-8.x VMware Site Recovery Manager (SRM) 8.5 to VMware Live Site Recovery 9.0	vSphere 7.x-8.x vSphere 9.0 from ONTAP tools 10.5 onwards VMware Site Recovery Manager (SRM) 8.7 to VMware Live Site Recovery 9.0 **NOTE:** In ONTAP tools 10.x, SRM supports shared sites, enabling enhanced scalability and improved performance.
Protocol support	NFS and VMFS datastores: NFS (v3 and v4.1), VMFS (iSCSI and FCP)	NFS and VMFS datastores: NFS (v3 and v4.1), VMFS (iSCSI/FCP/NVMe-oF)
Scalability	Hosts and VMs: 300 Hosts, up to 10K VMs Datastores: 600 NFS, up to 50 VMFS	Hosts and VMs: 600 Hosts
Observability	Performance, capacity, and host compliance dashboards Dynamic VM and datastore reports	Updated performance, capacity, and host compliance dashboards Dynamic VM and datastore reports
Data protection	SRA replication for VMFS and NFS. SCV integration and interoperable for backup.	SRA replication for iSCSI VMFS and NFS v3 datastores three-site protection combining SMAS and VMware Live Site Recovery. SRA support for FCP with VMFS.
VASA Provider support	VASA 4.0	VASA 3.0

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