Release notes

ONTAP tools for VMware vSphere 10

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Learn about the new and enhanced features available in ONTAP tools for VMware vSphere 10.4.

For a complete list of new features and enhancements, refer What's new in ONTAP tools for VMware vSphere 10.4.

To learn more about whether migrating from ONTAP tools for VMware vSphere 9 to ONTAP tools 10.4 is right for your deployment, refer to ONTAP tools for VMware vSphere 9 and ONTAP tools for VMware vSphere 10 feature comparison. Migration is supported from ONTAP tools for VMware vSphere 9.12-D, and 9.13-D releases to ONTAP tools for VMware vSphere 10.4.

For more information, refer the ONTAP tools for VMware vSphere 10.4 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 10.4

Learn about the new capabilities available in ONTAP tools for VMware vSphere 10.4.

Update	Description
Support for ASA r2 system with 12 nodes per cluster	ONTAP tools for VMware vSphere 10.4 supports workflows for ASA r2 storage systems with up to 12 nodes per cluster, improving data management efficiency and scalability. It supports vVols datastores with iSCSI and FC protocol, and VMFS datastores with iSCSI, FC, and NVMe protocol, providing flexible and enhanced storage options.
ONTAP tools Manager user interface enhancements	You can now enable the NTP server for precise time synchronization across the environment and configure the telemetry settings to monitor and analyze system performance from the ONTAP tools Manager interface. These settings are no longer available in the maintenance console.
Enhanced security capabilities	Security features now offer enhanced protection and compliance with industry standards, providing a robust and user-friendly experience to help administrators manage VMware environments more effectively.
Enhanced SRA disaster recovery capabilities	ONTAP tools for VMware vSphere 10.4 now supports disaster recovery operations using Site Recovery Appliance (SRA) with custom-named snapshots in addition to SnapMirror scheduled snapshot copies.

ONTAP tools for VMware vSphere 9 and ONTAP tools for VMware vSphere 10 feature comparison

Learn whether migrating from ONTAP tools for VMware vSphere 9 to ONTAP tools for VMware vSphere 10.1 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 10.1	ONTAP tools 10.2 onwards
Key value proposition	Streamline and simplify day-0 to day-2 operations with enhanced security, compliance and automation capabilities	Evolving ONTAP tools 10.x towards 9.xx parity while extending high availability, performance, and scale limits	Expanded support to include FC for VMFS and vVols, and NVMe-oF/FC, NVMe-oF/TCP 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 ONTAP 9.14.1	ONTAP 9.12.1 to ONTAP 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.
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 VMware Site Recovery Manager (SRM) 8.7 to VMware Live Site Recovery 9.0	vSphere 7.x-8.x VMware Site Recovery Manager (SRM) 8.7 to VMware Live Site Recovery 9.0
Protocol support	NFS and VMFS datastores: NFS (v3 and v4.1), VMFS (iSCSI and FCP) vVols datastores: iSCSI, FCP, NVMe/FC, NFS v3	NFS and VMFS datastores: NFS (v3 and v4.1), VMFS (iSCSI) vVols datastores: iSCSI, NFS v3	NFS and VMFS datastores: NFS (v3 and v4.1), VMFS (iSCSI/FCP/NVMe-oF) vVols datastores: iSCSI, FCP, NFS v3
Scalability	Hosts and VMs: 300 Hosts, up to 10K VMs Datastores: 600 NFS, up to 50 VMFS, up to 250 vVols vVols: Up to 14,000	Hosts and VMs: 600 Hosts vVols: Up to 140,000	Hosts and VMs: 600 Hosts vVols: Up to 140,000

Feature	ONTAP tools 9.13	ONTAP tools 10.1	ONTAP tools 10.2 onwards
Observability	Performance, capacity, and host compliance dashboards Dynamic VM and datastore reports	Updated 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 FlexVols based replication for vVols SCV integration and interoperable for backup	SRA replication for iSCSI VMFS and NFS v3 datastores	SRA replication for iSCSI VMFS and NFS v3 datastores three-site protection combining SMAS and VMware Live Site Recovery.
VASA Provider support	VASA 4.0	VASA 3.0	VASA 3.0

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