Release notes

ONTAP tools for VMware vSphere 10

NetApp
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Learn about the new and enhanced features available in ONTAP tools for VMware vSphere 10.3.

For a complete list of new features and enhancements, refer What's new in ONTAP tools for VMware vSphere 10.3.

To learn more about whether migrating from ONTAP tools for VMware vSphere 9 to ONTAP tools 10.3 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 10.3.

For more information, refer the ONTAP tools for VMware vSphere 10.3 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 10.3

Learn about the new capabilities available in ONTAP tools for VMware vSphere 10.3.

Update	Description
Support for new platform and application versions	ONTAP tools for VMware vSphere 10.3 now supports these platform and application versions: • ONTAP 9.16.0 and later • VMware vSphere 8.0 U3 • VMware Live Site Recovery 9.0
Ease of deployment	You can now deploy ONTAP tools for VMware vSphere 10.3 with minimum requirements on a single node cluster, and then update it to a high-availability (HA) or a multi-node deployment.
Seamless provisioning and configuration	ONTAP tools for VMware vSphere 10.3 has removed dependencies associated with Trident and now uses dynamic storage provisioner to enable seamless provisioning and configuration.
Enhanced security for REST API authentication	ONTAP tools for VMware vSphere 10.3 now relies on CA signed certificates for ONTAP tools REST APIs and user interface to provide higher security.
Support for ASA r2 systems	ONTAP tools for VMware vSphere 10.3 supports VMFS datastore provisioning on ASA r2 systems to help protect VMFS datastores with SnapMirror active sync and SRA/VMware Live Site Recovery.
Improved observability	ONTAP tools for VMware vSphere 10.3 extends observability metrics support for VMFS and vVol datastores and their respective VMs.

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.x 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 9.15.1	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, and 9.16.0 for ONTAP tools 10.3.
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
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

Feature	ONTAP tools 9.13	ONTAP tools 10.1	ONTAP tools 10.2 onwards
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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