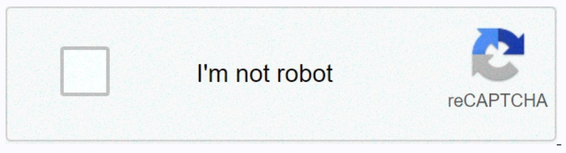
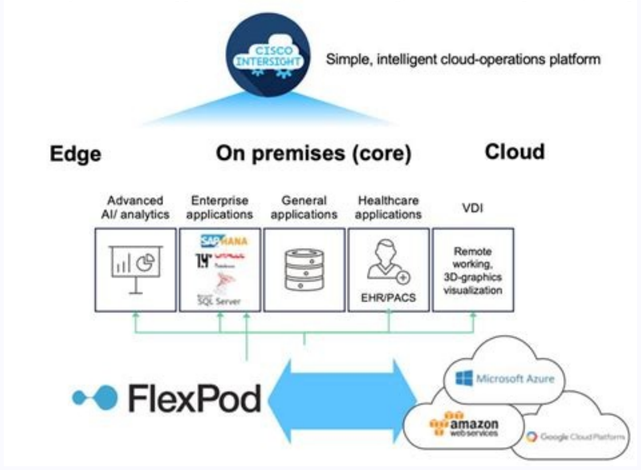


Continue

Netapp ontap 9.5 manual

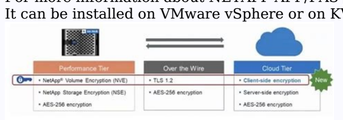
Netapp ontap 9.10 documentation.

08/27/2021 NetApp ONTAP is a powerful storage-software tool with capabilities such as an intuitive GUI, REST APIs with automation integration, AI-informed predictive analytics and corrective action, non-disruptive hardware upgrades, and cross-storage import. ONTAP provides the following features: A unified storage system with simultaneous data access and management of NFS, CIFS, iSCSI, FC, FCoE, and FC-NVMe protocols. Different deployment models include on-premises on all-flash, hybrid, and all-HDD hardware configurations; VM-based storage platforms on a supported hypervisor such as ONTAP Select; and in the cloud as Cloud Volumes ONTAP. Increased data storage efficiency on ONTAP systems with support for automatic data tiering, inline data compression, deduplication, and compaction. Workload-based, QoS-controlled storage. Seamless integration with a public cloud for tiering and protection of data. ONTAP also provides robust data protection capabilities that sets it apart in any environment: NetApp Snapshot copies.



A fast, point-in-time backup of data using a minimal amount of disk space with no additional performance overhead. NetApp SnapMirror. Mirrors the Snapshot copies of data from one storage system to another. ONTAP supports mirroring data to other physical platforms and cloud-native services as well.
NetApp SnapLock. Efficiently administration of non-rewritable data by writing it to special volumes that cannot be overwritten or erased for a designated period. NetApp SnapVault. Backs up data from multiple storage systems to a central Snapshot copy that serves as a backup to all designated systems. NetApp SyncMirror. Provides real-time, RAID-level mirroring of data to two different plexes of disks that are connected physically to the same controller. NetApp SnapRestore. Provides fast restoration of backed-up data on demand from Snapshot copies. NetApp FlexClone. Provides instantaneous provisioning of a fully readable and writeable copy of a NetApp volume based on a Snapshot copy.
For more information about ONTAP, see the ONTAP 9 Documentation Center. NetApp ONTAP is available on-premises, virtualized, or in the cloud.

NetApp provides robust all-flash (AFF) and scale-out hybrid (FAS) storage platforms that are tailor-made with low-latency performance, integrated data protection, and multi-protocol support. Both systems are powered by NetApp ONTAP data management software, the industry’s most advanced data-management software for highly-available, cloud-integrated, simplified storage management to deliver enterprise-class speed, efficiency, and security your data fabric needs.
For more information about NETAPP AFF/FAS platforms, click here. ONTAP Select is a software-defined deployment of NetApp ONTAP that can be deployed onto a hypervisor in your environment.
It can be installed on VMware vSphere or on KVM and provides the full functionality and experience of a hardware-based ONTAP system. For more information about ONTAP Select, click here.



NetApp Cloud Volumes ONTAP is a cloud-deployed version of NetApp ONTAP available to be deployed in a number of public clouds, including: Amazon AWS, Microsoft Azure, and Google Cloud. For more information about Cloud Volumes ONTAP, click here. Next: NetApp Storage Integrations Overview NetApp® ONTAP® 9 data management software provides the foundation for a data fabric, which makes it easy to move your data where it’s needed across flash, drive, and cloud resources. To better align with your plans for adopting ONTAP releases, NetApp will deliver an ONTAP feature release twice per calendar year.
With this consistent release schedule, you’ll receive new versions of ONTAP that contain bug fixes as well as new features that will help you realize the benefits of a data fabric enabled by NetApp. Why You Should Upgrade ONTAP Running a release that NetApp supports is a best practice for decreasing IT risk, because every feature release delivers fixes for bugs along with high-value capabilities that NetApp customers and partners expect. When an ONTAP release reaches the end-of-version-support (EOVS) milestone, that release is under either limited support1 or self-service support2. If you’re running an EOVS version, NetApp strongly recommends that you update to a newer release to minimize your IT disruptions, maintain business continuity, and gain the benefits of new features. Furthermore, running the latest release of ONTAP unlocks doors to new use cases, new features, and a simplified user experience. The new management UI for ONTAP System Manager significantly reduces the time you spend performing administrative tasks by increasing visibility in capacity, hardware health, networking, and performance history. NetApp ONTAP FlexGroup and NetApp FlexCache® capabilities were enhanced in version 9.7, allowing you to project data seamlessly across sites with a thin cache on any NetApp AFF, FAS, or ONTAP Select system for NFS access. NetApp SnapMirror® Synchronous delivers high value for any SnapMirror user because it enables you to decrease your recovery point objective (RPO) values all the way down to zero, in addition to further reducing recovery time objective (RTO). ONTAP 9.7 has also been significantly refined to expand use cases that include more opportunity for scale-out NAS, and it extends data protection and business continuity. For a list of all the benefits of upgrading from your current version, view this guide. As a best practice, you should run the recommended release up to 2 years after general availability (GA). During that period, we strongly advise you to apply service updates every 6 months, or more often.
By applying service updates, you’ll incorporate timely fixes for critical bugs. There are several ways you can plan for your upgrade to a newer ONTAP release. NetApp has the following resources to help simplify the upgrade process: Release Recommendation Guide. Use this guide to learn what the current recommended release is, when you need to prepare for your upgrade, and which features and benefits result from each upgrade. NetApp Active IQ® Upgrade Advisor. Use this tool to generate customized step-by-step instructions for upgrading your AFF or FAS system to a newer version of ONTAP. Interoperability Matrix Tool (IMT). This tool provides a consolidated repository, access, and reporting tool for NetApp product compatibility information (“what works with what”). Hands-on Labs. These labs provide a safe environment to practice operational procedures (including performing an ONTAP upgrade) and to try out new features. The FAQ about the upgrade process. NetApp Managed Services. NetApp Managed Upgrade Service is a remotely delivered software upgrade service for installed and configured NetApp technology. With NetApp’s new ONTAP release schedule, you’ll consistently and predictably receive new versions of ONTAP to manage your data and storage environment. Every feature release contains new enhancements that will help you harness the power of your data fabric, minimize your IT disruptions, simplify operations, and reduce your TCO and security risks. To learn more about how you can stay current with your ONTAP data management software, visit the Upgrade ONTAP page.
1 Limited support: NetApp will provide only technical support, root cause analysis, documentation, and software available online. There will be no maintenance or patch releases. 2 Self-service support: time period in which NetApp does not provide support for a version of a product, but related documentation is still available on the NetApp Support site. After the self-service support period has expired, the software will be considered obsolete. 3 Full support: Includes technical support, root cause analysis, online documentation, online software, vulnerability assessment, and service updates (P-releases).