
Data ONTAP® 7.1 Documentation Roadmap



This roadmap provides tables of documentation and other sources of information that address the major tasks that you can perform with a storage system running Data ONTAP®. The roadmap is not an exhaustive list of all available documentation; rather, it is a guide to help you find where most of the pertinent documentation is for a particular task.

Note: If you have a V-Series system running Data ONTAP 7.1, see the *V-Series Systems—Data ONTAP 7.1 Documentation Roadmap*.

Contents of tables

The tables include the following types of documentation:

- Data ONTAP 7.1 product documents, such as software and hardware guides
- Web pages, such as configuration tables, software and firmware download tables, software release matrices, technical reports, frequently asked questions (FAQs), and information about software bugs (Bugs Online)

Each table in the roadmap lists documentation to help you complete one of the following major tasks:

- “Installing new storage systems” on page 2
- “Configuring new storage systems” on page 3
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- “Managing storage systems” on page 4
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- “Customizing or automating processes” on page 6

Each table lists specific tasks within the major task and suggests documents and Web pages that might help you with those tasks.

Finding information on NOW

All of the documentation mentioned in this roadmap is available on the NOW™ site at <http://now.netapp.com/>.

On the NOW site, you'll find that links containing the word *documentation*, such as Technical Assistance and Documentation, bring you to the majority of the pages containing documents and links to tools and other sources of information. For example, all of the manuals (both software and hardware) associated with Data ONTAP 7.1 are on the Data ONTAP 7.1 Documentation page, which you can reach using this path of links: Technical Assistance and Documentation > Access & Order Product Documentation > Data ONTAP > Data ONTAP 7.1. Many of the other pages are accessible from the Technical Support and Documentation page, reached through the Technical Assistance and Documentation link at the top of most NOW pages.

You can also use the Search engine to search for specific document titles. For some of the NOW pages in the roadmap tables that might be difficult to find with the Search engine, the title of the main page from which it is linked is shown in parentheses.

Installing new storage systems

To learn about...	Go to this information source...
New features, enhancements, and known issues for this release in the Data ONTAP 7.1 family, as well as any additional information for your specific release in the Data ONTAP release family These documents may also contain information related to running this release on specific NetApp systems.	<i>Release Notes</i> for your specific release in the Data ONTAP 7.1 release family
System configuration and compatibility requirements for storage systems running Data ONTAP 7.1 or related applications, such as the SnapManager® software, SnapDrive™ software, or SnapMirror® software	• <i>System Configuration Guide</i> for all storage systems in NAS environments. • <i>Compatibility and Configuration Guide for NetApp FCP and iSCSI Products</i> for all storage systems • <i>SnapManager & SnapDrive Compatibility Matrix</i> • <i>Requirements for SnapMirror Over Fibre Channel Transport (Asynchronous and Synchronous)</i> • <i>Data Protection - Supported Devices</i>
Site requirements	<i>Site Requirements Guide</i>
How to install a storage subsystem in a system	The hardware guide from this list that documents your storage subsystem: • <i>Diskshelf14 and DiskShelf14mk2 FC Hardware Guide</i> • <i>Fibre Channel Diskshelf FC9 Hardware Guide</i> • <i>Fibre Channel Diskshelf FC7/FC8 Hardware Guide</i> • <i>SCSI DiskShelf12 Hardware Guide</i> • <i>SCSI DiskShelf 2 Hardware Guide</i> • <i>Hardware Guide for the Digital Disk Shelves</i>
How to install a single storage system	The <i>Installation and Setup</i> guide supplied with your storage system. The hardware guide for your storage system. Examples: • <i>FAS900 Series Appliance Hardware and Service Guide</i> • <i>FAS200 Series Storage Appliance Hardware and Service Guide</i> • <i>NetApp NearStore R200 Hardware and Service Guide</i> • <i>SAN Setup Overview for FCP</i> (to find this document, enter the title in the Search field on NOW)
How to install clustered F800 series and FAS900 series storage systems	<i>Cluster Installation and Administration Guide</i>

Configuring new storage systems

To learn about...	Go to this information source...
The latest information and cautions about supported configurations for your specific release in the Data ONTAP 7.1 release family	<i>Release Notes</i> for your specific release in the Data ONTAP 7.1 release family
How to gather basic system setup information (for experienced users)	The chapter “Basic System Setup Worksheets” in the <i>Site Requirements Guide</i>
How to perform the initial setup of Data ONTAP software on a new system (for new users)	<i>Software Setup Guide</i>
What a Data ONTAP storage system is, access methods, administration hosts, the system default volume, basic administration, and Autosupport	<i>System Administration Guide</i>
How to set up and manage network configurations of storage systems in a Network Attached Storage (NAS) environment	<i>Network Management Guide</i>

Upgrading Data ONTAP on storage systems

To learn about...	Go to this information source...
System configurations and compatibility requirements	The document in this list that addresses your issues: • <i>System Configuration Guide</i> • <i>Compatibility and Configuration Guide for NetApp's FCP and iSCSI Products</i> • <i>SnapManager & SnapDrive Compatibility Matrix</i> • <i>Requirements for SnapMirror Over Fibre Channel Transport (Asynchronous and Synchronous)</i> • <i>Data Protection - Supported Devices</i>
Which Data ONTAP release is best for you	• The “Determine the Right Release” page, (a link from the “Software Downloads” page), which has links to these pages: <i>Release Advisor for ONTAP</i> <i>Release Comparison Tool for ONTAP</i> <i>Backup Certification Matrices</i> • The “Release Metrics” page (A link from the “Software Downloads” page)
What software changes have occurred with a specific release	<i>Software Change Log</i>
What system firmware releases are available for your platform	<i>System Firmware Release Table</i>
What disk drive firmware release is recommended for your disk drives	<i>Disk Drive & Firmware Matrix</i>
What disk shelf and ESH firmware releases are available for your disk shelves and ESH modules	<i>Disk Shelf & ESH Firmware Matrix</i>

To learn about...	Go to this information source...
New features, enhancements, and known issues for your specific release in the Data ONTAP 7.1 release family	<i>Release Notes</i> for your specific release in the Data ONTAP 7.1 release family
How to upgrade a storage system	The upgrading guide for the upgrade you want to perform. Examples: • <i>Upgrading from an F700 Series Filer to an F810, F820, or F840 Storage System</i> • <i>Upgrading from an F700 Series Filer to a FAS900 Series Storage System</i> • <i>Upgrading from an F825 or F880 Filer to a FAS900 Series Storage System</i> • <i>Upgrading a FAS250 to a Disk Shelf in a Modular System</i> • <i>Upgrading a FAS250 to a FAS270 or FAS270c</i>
How to upgrade to Data ONTAP 7.1 software and how to revert from Data ONTAP 7.1 to an earlier release	<i>Upgrade Guide</i>
How to perform the initial setup of Data ONTAP software on a new system	<i>Software Setup Guide</i>

Managing storage systems

To learn about	Go to this information source...
What a Data ONTAP storage system is, access methods, administration hosts, the system default volume, administration tasks, and AutoSupport	<i>System Administration Guide</i>
How to reconfigure Data ONTAP using the setup process	<i>Software Setup Guide</i>
How to manage storage resources (disks) by creating and managing aggregates and traditional volumes, and how to manage data by creating and managing flexible volumes and traditional volumes	<i>Storage Management Guide</i>
How to set up and manage file access protocols for NFS, CIFS, HTTP, DAFS, and WebDAV	<i>File Access and Protocols Management Guide</i>
How to protect data using all of the snap-related features, such as Snapshot™ technology, SnapMirror, and SyncMirror®, as well as other data protection features, such as vol copy and NDMP	<i>Data Protection Online Backup and Recovery Guide</i>
How to protect data using tape devices	<i>Data Protection Tape Backup and Recovery Guide</i>
How to set up, configure, and manage vFiler™ systems with the MultiStore® software	<i>MultiStore Guide</i>

To learn about	Go to this information source...
How to manage clustered F800 series and FAS900 series storage systems	<i>Cluster Installation and Administration Guide</i>
How to use a Data ONTAP storage system as an iSCSI target in a TCP/IP network or as an FCP target in an FC network	<i>Block Access Management Guide</i>
How to quickly find the most commonly used Data ONTAP commands	<i>Core Commands—Quick Reference</i>
How to look up and use all Data ONTAP 7.1 commands documented in manual (man) pages	<i>Commands: Manual Page Reference, Volumes 1 and 2</i>
How to find a topic in the product documentation easily	<i>Master Index</i>
How to manage a single storage system using a graphical user interface	The FilerView® browser-based administration tool, and its online help system
How to manage multiple Data ONTAP storage systems using a graphical user interface	The DataFabric® Manager software and its administration guide and online help system
What an acronym or a term means	• The glossary (if there is one) in the document that contains the term • The <i>Network Appliance Corporate Glossary</i> (see the “NetApp Glossary” page)

Diagnosing and troubleshooting problems

To learn about...	Go to this information source....
How to monitor, troubleshoot, and maintain the physical resources of a system	<i>Hardware and Service Guide</i>
How to test field replaceable units and diagnose and correct system hardware problems	<i>Hardware Diagnostics Guide</i>
How to turn on AutoSupport	The “Turn on Autosupport!” page (A link from the “Technical Support & Documentation” page)
How to interpret Syslog messages	The “Syslog Translator” page (A link from the “Technical Support & Documentation” page)
How to find out important up-to-the-minute information about storage systems and availability of products and support	The “View Product Field alerts” page (A link from the “Technical Support & Documentation” page)
Any topic of interest	The “Frequently Asked Questions (FAQs)” page (A link from the “Technical Support & Documentation” page)

To learn about...	Go to this information source....
How to exchange knowledge and information with certified experts and fellow professionals	The “Enter the NOW Community Forums” page (A link from the “Technical Support & Documentation” page)
Any topic of interest	The search engine on NOW and its associated Knowledgebase (see the “Browse Knowledgebase” page)
How to find out the current status of software bugs	The “Bugs Online” page (A link from the “Technical Support & Documentation” page)

Customizing or automating processes

To learn about...	Go to this information source...
How specific features of Data ONTAP storage system architecture are described and implemented	The “Access & Order Documentation” page (under NetApp Library), which has links to the following pages: • The “Technical Reports/White Papers” page • The “Case Studies” page • The “Analyst Reports” page • The “Data sheets” page • The “Videos” page
A variety of tools and utilities to improve manageability and performance	The “Tools and Utilities” page (A link from the “Software Downloads” page)

