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# Data ONTAP® 7.3

## Documentation Roadmap

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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 a Data ONTAP release in the 7.3 release family. 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 or gFiler™ gateway running Data ONTAP 7.3, see the section “Data ONTAP for V-Series systems/gFiler gateways” in the Data ONTAP Information Library on the NOW™ (NetApp® on the Web) site at <http://now.netapp.com/>.

### Contents of tables

The tables include the following types of documentation:

- Data ONTAP 7.3 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
- “Upgrading Data ONTAP on storage systems” on page 4
- “Managing storage systems” on page 5
- “Diagnosing and troubleshooting problems” on page 6
- “Customizing or automating processes” on page 8

Each table lists specific procedures 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, 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 both hardware) associated with your Data ONTAP 7.3 release are on the Data ONTAP 7.3.x Documentation page (where “7.3.x” corresponds to the Data ONTAP version running on your system), which you can reach using this path of links: Technical Assistance and Documentation > Access & Order Product Documentation > Data ONTAP > Data ONTAP 7.3.x. Many of the other pages are accessible from the Technical Assistance & 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.

For information about the entire NOW site, go to NOW > Service and Support > Access Product Documentation (Under Support Centers) > *Reference Guide to the NOW site* (under “More Resources: Other”)

## Installing new storage systems

To learn about...	Go to this information source...
<p>New features, enhancements, and known issues for Data ONTAP 7.3, as well as any additional information for your specific release in the Data ONTAP release family</p> <p>These documents may also contain information related to running this release on specific storage systems.</p>	<p><i>Release Notes</i> for your specific release in the Data ONTAP 7.3 release family</p>
<p>System configuration and compatibility requirements for storage systems running Data ONTAP 7.3 and using software such as the SnapMirror® feature, the SnapManager® application, and the SnapDrive® application</p>	<ul style="list-style-type: none"> <li>• <i>System Configuration Guide</i> for all storage systems in NAS environments</li> <li>• <i>Compatibility and Configuration Guide for NetApp FCP and iSCSI Products</i> for all storage systems</li> <li>• <i>SnapManager &amp; SnapDrive Compatibility Matrix</i></li> <li>• <i>Requirements for SnapMirror Over Fibre Channel Transport (Asynchronous and Synchronous)</i></li> <li>• <i>Data Protection - Supported Tape Devices</i></li> </ul>
<p>Site requirements</p>	<p><i>Site Requirements Guide</i></p>
<p>How to install a storage subsystem in a system</p>	<p>The hardware guide from this list that documents your storage subsystem:</p> <ul style="list-style-type: none"> <li>• <i>Diskshelf14, DiskShelf14mk2 FC, and DiskShelf14mk4 Hardware and Service Guide</i></li> <li>• <i>DiskShelf14mk2 AT Hardware Service Guide</i></li> <li>• <i>DiskShelf14 and DiskShelf14mk2 FC Hardware Guide</i></li> <li>• <i>NetApp Disk Shelf Fibre Channel StorageShelf FC9 Hardware Guide</i></li> <li>• <i>Fibre Channel StorageShelf FC9 Installation</i></li> <li>• <i>NetApp Disk Shelves Fibre Channel StorageShelf FC7/FC8 Hardware Guide</i></li> <li>• <i>Fibre Channel StorageShelves</i></li> <li>• <i>NetApp SCSI DiskShelf12 Hardware Guide</i></li> </ul>

To learn about...	Go to this information source...
How to install a single storage system	<p>The <i>Installation and Setup</i> guide supplied with your storage system.</p> <p>The hardware overview guide for your storage system.</p> <p>Examples:</p> <ul style="list-style-type: none"> <li>• <i>Hardware Overview for FAS6000/V6000 Systems</i></li> <li>• <i>Installation and Setup Instructions for NetApp FAS6000 Series Storage Appliances</i></li> <li>• <i>Installation and Setup Instructions for NetApp SA600 Systems</i></li> <li>• <i>Hardware Overview for FAS3020/V3020, FAS3050/V3050, NetCache 2300/C3300, FAS3040/V3040, and FAS3070/V3070 Appliances</i></li> <li>• <i>Installation and Setup Instructions for NetApp FAS3000 Series Storage Appliances</i></li> <li>• <i>Installation and Setup Instructions and Hardware Overview for the FAS2020</i></li> <li>• <i>Installation and Setup Instructions and Hardware Overview for the FAS2050</i></li> <li>• <i>SA200 System Installation and Setup</i></li> <li>• <i>FAS900 Series Appliance Hardware and Service Guide</i></li> <li>• <i>FAS200 Series Storage Appliance Hardware and Service Guide</i></li> <li>• <i>NetApp NearStore R200 Hardware and Service Guide</i></li> </ul>
How to install systems in an active/active configuration (also referred to as a <i>cluster</i> or an <i>active/active pair</i> )	<i>Active/Active Configuration Guide</i>
How to set up FCP Host Utilities	Enter “fcp setup overview” in the Search field on NOW

## 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 7.3 release family	<i>Release Notes</i> for your specific release in the Data ONTAP 7.3 release family
How to gather basic system setup information (for experienced users)	The chapter “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 storage system running Data ONTAP is, access methods, administration hosts, the system default volume, basic administration, and AutoSupport	<i>System Administration Guide</i>

To learn about...	Go to this information source...
How to set up and manage network configurations of storage systems in a Network Attached Storage (NAS) environment	<i>Network Management Guide</i>
How to connect both onboard and host bus adapter (HBA) Fibre Channel ports to storage shelves and other Fibre Channel devices in non-SAN and non-iSCSI environments for FAS3000 and FAS6000 storage systems	<i>Multipath and Dual-Path Cabling Information</i>

## Upgrading Data ONTAP on storage systems

To learn about...	Go to this information source...
System configurations and compatibility requirements	<p>The document in this list that addresses your issues:</p> <ul style="list-style-type: none"> <li>• <i>System Configuration Guide</i></li> <li>• <i>Compatibility and Configuration Guide for NetApp's FCP and iSCSI Products</i> (also known as <i>NetApp FC and iSCSI Storage Systems Interoperability Information</i>)</li> <li>• <i>SnapDrive for UNIX Compatibility Matrix</i></li> <li>• <i>SnapManager &amp; SnapDrive Compatibility Matrix</i></li> <li>• <i>DataFabric Manager (includes Operations Manager and Protection Manager)</i></li> <li>• <i>Requirements for SnapMirror Over Fibre Channel Transport (Asynchronous and Synchronous)</i></li> <li>• <i>Windows File Services (CIFS) Compatibility Matrix</i></li> <li>• <i>MetroCluster Compatibility Matrix</i></li> <li>• <i>Data Protection - Supported Devices</i></li> </ul>
Which Data ONTAP release is best for you	<p>The “Determine the Right Release” paragraph on the “Software Download” page has links to these pages:</p> <p><i>Release Advisor for ONTAP</i></p> <p><i>Release Comparison Tool for ONTAP</i></p> <p><i>Release Metrics</i></p> <p><i>Interoperability matrices</i></p>
What software changes have occurred with a specific release	<i>Software Change Log</i> (from the NOW site: <i>Service and Support &gt; Software Download</i> . Look under the title <i>Software Downloads</i> and find the bullet for <i>Download Software</i> . The last link in the bullet is <i>Software Change Log</i> ).
What system firmware releases are available for your platform	<i>System Firmware Release Table</i> (from the NOW site: <i>Service and Support &gt; Software Download &gt; System Firmware &amp; Diagnostics</i> )
What disk drive firmware release is recommended for your disk drives	<i>Disk Drive &amp; Firmware Matrix</i> (from the NOW site: <i>Service and Support &gt; Software Download &gt; Disk Drive &amp; Firmware Matrix</i> )

To learn about...	Go to this information source...
What disk shelf and ESH firmware releases are available for your disk shelves and ESH modules	<i>Disk Shelf &amp; ESH Firmware Matrix</i> (from the NOW site: <i>Service and Support &gt; Software Download &gt; Disk Shelf &amp; Firmware Matrix</i> )
New features, enhancements, and known issues for your specific release in the Data ONTAP 7.3 release family	<i>Release Notes</i> for your specific release in the Data ONTAP 7.3 release family
How to upgrade a storage system	<p>The “NetApp Hardware System Upgrade Procedures” page, from the NOW site has links to the upgrading guide for the upgrade you want to perform,</p> <ul style="list-style-type: none"> <li>• accessible from: <i>Service and Support &gt; Technical Assistance &amp; Documentation &gt; Access &amp; Order Product Documentation &gt; NetApp Hardware &gt; Upgrades Storage appliances</i></li> <li>• or accessible from: <i>NetApp Hardware &gt; Hardware Information Library &gt; Storage appliances and V-series systems/gFilers &gt; General Information: Appliance upgrade information</i></li> </ul> <p>Examples:</p> <ul style="list-style-type: none"> <li>• <i>Upgrading from an F700 series filer</i></li> <li>• <i>Upgrading from an F800 series filer</i></li> <li>• <i>Upgrading from a C6100 NetCache system</i></li> <li>• <i>Upgrading a FAS250 system</i></li> <li>• <i>Upgrading from a FAS270/FAS2070c system</i></li> <li>• <i>Upgrading from a FAS900 system</i></li> <li>• <i>Upgrading from a FAS3000 system</i></li> <li>• <i>Upgrading from a FAS2000 system with no internal drives</i></li> </ul>
How to upgrade to Data ONTAP 7.3 software and revert from Data ONTAP 7.3 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 storage system running Data ONTAP 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>

To learn about	Go to this information source...
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, FTP, and WebDAV	<i>File Access and Protocols Management Guide</i>
How to use all the data protection features of Data ONTAP (Snapshot™ technology, SnapMirror, SnapVault®, SyncMirror®, deduplication, and the vol copy command are a few of these features)	<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 Management Guide</i>
How to manage systems in an active/active (clustered pair) configuration	<i>Active/Active Configuration 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 commands documented in manual (man) pages	<i>Commands: Manual Page Reference, Volumes 1 and 2</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 storage systems running Data ONTAP using a graphical user interface	The Operations Manager software and its administration guide and online Help system

## 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>Platform Monitoring Guide</i> , and the Field-Replaceable Unit (FRU) maintenance procedures (linked from the “Hardware Information Page”) or <i>Hardware and Service Guide</i> for your system
How to test field replaceable units and diagnose and correct system hardware problems	<i>Diagnostics Guide</i>
How to learn about NetApp Support offerings, escalations, 3rd party warranty support, and so on	The “Support Programs” page (A link from the “Technical Assistance & Documentation” page)

To learn about...	Go to this information source....
How to find related parts and part numbers, how to return parts (RMA/Return requests), and how to check the status on an RMA request	<p>The following pages from “Technical Assistance &amp; Documentation” page:</p> <ul style="list-style-type: none"> <li>• Submit RMA/Return Request</li> <li>• Check RMA/Return Status</li> <li>• Parts Finder</li> </ul>
How to exchange knowledge and information with certified experts and fellow professionals	The “NOW Community Forums” page (A link from the “Technical Assistance & Documentation” page)
How to open a technical assistance case, check the case’s status, and learn what the guidelines are for escalating a case	<p>The following pages from the “Technical Assistance &amp; Documentation” page:</p> <ul style="list-style-type: none"> <li>• Open a Technical Assistance Case</li> <li>• Check Case Status</li> <li>• Technical Support Escalation and Priority Definitions</li> </ul>
How to turn on AutoSupport	<ul style="list-style-type: none"> <li>• <i>System Administration Guide</i></li> <li>• The “Turn on AutoSupport!” page (A link from the “Technical Assistance &amp; Documentation” page)</li> <li>• “Support Owner’s Manual” (Enter “support owner’s manual” in the Search field on NOW)</li> </ul>
How to interpret Syslog messages	The “Syslog Translator” page (A link from the “Technical Assistance & Documentation” page)
How to find out important up-to-the-minute information about storage systems and availability of products and support	The “View Product Support Communications” page (A link from the “Technical Assistance & Documentation” page)
Any topic of interest	<p>The following pages from “Technical Assistance &amp; Documentation” page:</p> <ul style="list-style-type: none"> <li>• The “Frequently Asked Questions (FAQs)” page (A link from the “Technical Assistance &amp; Documentation” page)</li> <li>• The search engine on NOW and its associated Knowledgebase (see the “Browse Knowledgebase” page)</li> </ul>
How to find out the current status of bugs	The “Bugs Online” page (A link from the “Technical Assistance & Documentation” page)

## Customizing or automating processes

To learn about...	Go to this information source...
How specific features of the architecture of storage systems running Data ONTAP are described and implemented	<p>The “Access &amp; Order Documentation” page (under NetApp Library at <a href="http://www.netapp.com">http://www.netapp.com</a>), which has links to the following pages:</p> <ul style="list-style-type: none"><li>• The “Analyst Reports” page</li><li>• The “Customer Stories” page</li><li>• The “Research Papers” page</li><li>• The “Technical Reports” page</li><li>• The “White Papers” page</li></ul> <p>“Support Owner’s Manual” (A link from the “Access &amp; Order Documentation” page, under Other)</p>
The collection of NetApp’s official Visio collection of NetApp products, including physical fronts and rears, 3d isometric topology shapes, and icon presentation shapes	<p>The “Visio Stencils” page (A link from the “Access &amp; Order Documentation” page, under Other)</p>
A variety of tools and utilities to improve manageability and performance	<p>The “ToolChest” page (A link from the “Software Download &gt; Download Software” page)</p>