



# **Required tools and documentation**

## **ONTAP Systems**

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# Required tools and documentation

You must have specific tools to install the new hardware, and you need to reference other documents during the upgrade process. You also need to record information essential to completing the controller upgrade; a worksheet is provided to record information.

You need the following tools to perform the upgrade:

- Grounding strap
- #2 Phillips screwdriver

Document	Contents
ONTAP 9 Software Setup Guide	Describes how to set up and configure NetApp systems
ONTAP 9 System Administration Reference	Describes how to administer ONTAP systems, shows you how to use the CLI interface, how to access the cluster, how to manage nodes, and much more
ONTAP 9 Upgrade and Revert/Downgrade Guide	Contains instructions for downloading and upgrading ONTAP
ONTAP 9 Disks and Aggregates Power Guide	Describes how to manage ONTAP physical storage, shows you how to create, expand, and manage aggregates, how to work with Flash Pool aggregates, how to manage disks, and how to manage RAID policies
ONTAP 9 Logical Storage Management Guide	Describes how to efficiently manage your logical storage resources, using volumes, FlexClone volumes, files and LUNs, FlexCache volumes, deduplication, compression, qtrees, and quotas
Installation and Setup Instructions for the model of the new nodes	Contains instructions for installing and cabling the new system
FlexArray Virtualization Installation Requirements and Reference Guide	Contains cabling instructions and other information for FlexArray Virtualization systems
<a href="#">Hardware Universe</a>	Contains information about system LEDs and system messages to aid troubleshooting
The appropriate disk shelf guide	Contains instructions for installing and monitoring disk shelves and replacing disk shelf devices
ONTAP 9 SAN Administration Guide	Describes how to configure and manage iSCSI and FC protocols for SAN environments
ONTAP 9 SAN Configuration Guide	Contains information about FC and iSCSI topologies and wiring schemes

The NetApp Support Site also contains documentation about network interface cards (NICs) and other hardware that you might use with your system. It also contains the [Hardware Universe](#), which provides information about the hardware that the new system supports. See the [ONTAP 9 Documentation Center](#) to access ONTAP 9 product documentation.

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