



References

AFF and FAS Controller Upgrade

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References

When performing the procedures in this guide, you might need to consult reference guides or go to reference websites.

- [Reference guides](#)
- [Reference sites](#)

Reference guides

Documents specific to this upgrade are listed in the table below.

Document	Contents
Controller Hardware Upgrade Express Guide	Describes how to quickly upgrade controller hardware in a cluster by moving storage or volumes. Also describes how to convert a supported model to a disk shelf.
Fabric-attached MetroCluster Installation and Configuration Guide	Describes how to install and configure the MetroCluster hardware and software components in a fabric configuration.
FlexArray Virtualization Installation Requirements and Reference	Contains cabling instructions and other information for FlexArray Virtualization systems.
MetroCluster Management and Disaster Recovery Guide	Describes how to perform MetroCluster switchover and switchback operations, both in planned maintenance operations or in the event of a disaster.
MetroCluster Upgrade and Expansion Guide	Provides procedures for upgrading controller and storage models in the MetroCluster configuration, transitioning from a MetroCluster FC to a MetroCluster IP configuration, and expanding the MetroCluster configuration by adding additional nodes.
ONTAP 9.0 Commands: Manual Page Reference	Describes syntax and usage of supported ONTAP 9.0 commands.
ONTAP 9.1 Commands: Manual Page Reference	Describes syntax and usage of supported ONTAP 9.1 commands.
ONTAP 9.2 Commands: Manual Page Reference	Describes syntax and usage of supported ONTAP 9.2 commands.
ONTAP 9.3 Commands: Manual Page Reference	Describes syntax and usage of supported ONTAP 9.3 commands.
ONTAP 9.4 Commands: Manual Page Reference	Describes syntax and usage of supported ONTAP 9.4 commands.
ONTAP 9.5 Commands: Manual Page Reference	Describes syntax and usage of supported ONTAP 9.5 commands.
ONTAP 9.6 Commands: Manual Page Reference	Describes syntax and usage of supported ONTAP 9.6 commands.
ONTAP 9.7 Commands: Manual Page Reference	Describes syntax and usage of supported ONTAP 9.7 commands.

Document	Contents
ONTAP 9.8 Commands: Manual Page Reference	Describes syntax and usage of supported ONTAP 9.8 commands.
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 High-Availability Configuration Guide	Describes how to install and manage high-availability clustered configurations, including storage failover and takeover/giveback.
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.
ONTAP 9 Network Management Guide for 9.7 and Earlier	Describes how to configure and manage physical and virtual network ports (VLANs and interface groups), LIFs, routing, and host-resolution services in clusters; optimize network traffic by load balancing; and monitor the cluster by using SNMP.
ONTAP 9 Network Management Guide	Describes how to configure and manage physical and virtual network ports (VLANs and interface groups), LIFs, routing, and host-resolution services in clusters; optimize network traffic by load balancing; and monitor the cluster by using SNMP.
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.
ONTAP 9 Software Setup Guide	Describes how to set up and configure ONTAP.
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.
Use "system controller replace" commands to upgrade controller hardware running ONTAP 9.5 to ONTAP 9.7	Describes the aggregate relocation procedures needed to non-disruptively upgrade controllers running ONTAP 9.5 to ONTAP 9.7 by using "system controller replace" commands.
Use "system controller replace" commands to upgrade controller hardware running ONTAP 9.8 or later	Describes the aggregate relocation procedures needed to non-disruptively upgrade controllers running ONTAP 9.8 by using "system controller replace" commands.
Use aggregate relocation to manually upgrade controller hardware running ONTAP 9.7 or earlier	Describes the aggregate relocation procedures needed to perform manual non-disruptive controller upgrades running ONTAP 9.7 or earlier.
Use aggregate relocation to manually upgrade controller hardware running ONTAP 9.8 or later	Describes the aggregate relocation procedures needed to perform manual non-disruptive controller upgrades running ONTAP 9.8 or later.

Reference sites

The [NetApp Support Site](#) 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.

See the *NetApp Support Site* to link to the [Active IQ Config Advisor](#) tool.

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