



Get started

Install and maintain

NetApp

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Table of Contents

Get started	1
Installation and setup workflow for Cisco 9364D-GX2A switches	1
Port details for Cisco Nexus 9364D-GX2A switches	1
Cisco Nexus 9364D-GX2A port details	1
Documentation requirements for Cisco Nexus 9364D-GX2A switches	2
Switch documentation	2
ONTAP systems documentation	3
Smart Call Home requirements	3

Get started

Installation and setup workflow for Cisco 9364D-GX2A switches

The Cisco 9364D-GX2A switch is part of the Cisco Nexus 9000 platform. AFX systems switches allow you to build ONTAP clusters with more than two nodes.

Follow these workflow steps to install and setup your Cisco 9364D-GX2A switches.

1

Review the switch port details

Review the port details for the Cisco 9364D-GX2A switch.

2

Review the required documentation

Review specific switch and controller documentation to set up your 9364D-GX2A switches and the ONTAP cluster.

3

Review the Smart Call Home requirements

Review the requirements for the Cisco Smart Call Home feature, used to monitor the hardware and software components on your network.

4

Install the hardware

Install the switch hardware.

5

Configure the software

Configure the switch software.

Port details for Cisco Nexus 9364D-GX2A switches

The Cisco Nexus 9364D-GX2A switch is part of the Cisco Nexus 9000 platform and can be installed in a NetApp system cabinet. 9364D-GX2A switches allow you to build ONTAP clusters with more than two nodes.

Cisco Nexus 9364D-GX2A port details

Ports	Description
Ethernet1/1/1-4 to Ethernet1/62/1-4	4x100GbE mode for cluster, HA, and storage connections

Ports	Description
Ethernet1/63, Ethernet1/64	400GbE ISL

See the [Hardware Universe](#) for details of ports used by the platform.

Documentation requirements for Cisco Nexus 9364D-GX2A switches

For Cisco Nexus 9364D-GX2A switch installation and maintenance, be sure to review specific switch and controller documentation to set up your Cisco 9364D-GX2A switches and ONTAP cluster.

Switch documentation

To set up the Cisco Nexus 9364D-GX2A switches, you need the following documentation from the [Cisco Nexus 9000 Series Switches Support](#) page:

Document title	Description
Cisco Nexus 9364D-GX2A NX-OS Mode Switch Hardware Installation Guide	Provides detailed information about site requirements, switch hardware details, and installation options.
Cisco Nexus 9000 Series Switch Software Configuration Guides (choose the guide for the NX-OS release installed on your switches)	Provides initial switch configuration information that you need before you can configure the switch for ONTAP operation.
Cisco Nexus 9000 Series NX-OS Software Upgrade and Downgrade Guide (choose the guide for the NX-OS release installed on your switches)	Provides information on how to downgrade the switch to ONTAP supported switch software, if necessary.
Cisco Nexus 9000 Series NX-OS Command Reference	Provides links to the various command references provided by Cisco.
Cisco Nexus 9000 Series NX-OS System Message Reference	Describes the system messages for Cisco Nexus 9000 series switches, those that are informational, and others that might help diagnose problems with links, internal hardware, or the system software.
Cisco Nexus 9000 Series NX-OS Release Notes (choose the notes for the NX-OS release installed on your switches)	Describes the features, bugs, and limitations for the Cisco Nexus 9000 Series.

Document title	Description
Regulatory Compliance and Safety Information for Cisco Nexus 9000 Series	Provides international agency compliance, safety, and statutory information for the Nexus 9000 series switches.

ONTAP systems documentation

To set up an ONTAP system, you need the following documents for your version of the operating system from the [ONTAP 9 Documentation Center](#).

Name	Description
AFX systems documentation	Describes how to install NetApp hardware.
ONTAP documentation	Provides detailed information about all aspects of the ONTAP releases.
Hardware Universe	Provides NetApp hardware configuration and compatibility information.

Smart Call Home requirements

To use Smart Call Home, you must configure a cluster network switch to communicate using email with the Smart Call Home system. In addition, you can optionally set up your cluster network switch to take advantage of Cisco's embedded Smart Call Home support feature.

Smart Call Home monitors the hardware and software components on your network. When a critical system configuration occurs, it generates an email-based notification and raises an alert to all the recipients that are configured in your destination profile.

Smart Call Home monitors the hardware and software components on your network. When a critical system configuration occurs, it generates an email-based notification and raises an alert to all the recipients that are configured in your destination profile.

Before you can use Smart Call Home, be aware of the following requirements:

- An email server must be in place.
- The switch must have IP connectivity to the email server.
- The contact name (SNMP server contact), phone number, and street address information must be configured. This is required to determine the origin of messages received.
- A CCO ID must be associated with an appropriate Cisco SMARTnet Service contract for your company.
- Cisco SMARTnet Service must be in place for the device to be registered.

The [Cisco support site](#) contains information about the commands to configure Smart Call Home.

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