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Cisco Nexus Hyperfabric — Recover a Cisco N9000 Series Switch

Recover a Cisco N9000 series switch

If a Cisco N9000 series switch encounters issues, such as becoming unresponsive and remaining stuck at the login screen, you must recover the switch to restore its functionality. This process involves reloading the switch with a Cisco Nexus Hyperfabric operating system image that includes an updated agent.

Supported hardware and software versions

You can recover a switch only on select BIOS versions. To confirm compatibility, check the BIOS version displayed in the banner after the system reboots.

This table provides the supported hardware model and minimum BIOS versions.

Table 1: Supported hardware model and minimum BIOS versions

Hardware model	Minimum BIOS version
N9K-C93108TC-FX3	01.10
N9164E-NS4-O	01.15

Recover the switch

Follow these steps to recover the switch.

- Step 1** Follow the procedures in this document to restore NX-OS on the switch:
[Cisco Nexus 9000 Series NX-OS Troubleshooting Guide, Release 10.6\(x\)](#)
- Step 2** Migrate the switch from NX-OS to the Nexus Hyperfabric operating system.
For more information, see [Cisco Nexus Hyperfabric—Migrating the Operating System of Cisco N9000-Series Switches](#).