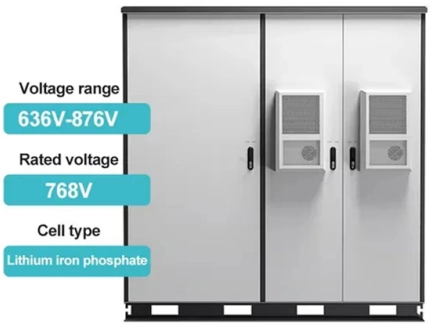
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SD-WAN device 40G installation



Overview

Cisco Catalyst SD-WAN Getting Started GuideThis article describes how to install software on all Cisco vEdge devices— Cisco SD-WAN Manager instances, Cisco.

Key Takeaways

Installing a 40G SD-WAN device involves proper rack mounting, module insertion, firmware verification, and initial network configuration to ensure connectivity and high-speed performance.Pre-Installation Checklist

Before starting, ensure the following:

• Verify hardware compatibility and 40G interface support for your SD-WAN appliance (Cisco, Extreme, Aruba, or Palo Alto) .

• Confirm rack space, power supply, and cooling requirements.

• Gather network cables, console access tools, and management server credentials.

• Check for the latest firmware and software versions to avoid post-installation updates .
Hardware Installation
• Rack Mounting: Secure the device in the designated rack using the provided brackets or accessories. Ensure proper airflow and clearance .

• Module Insertion: For modular devices, insert 40G line cards or modules carefully. Some devices support hot-swap, but a configuration reset may be required to synchronize the system with the new module .

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• Power Connection: Connect to redundant power sources if available. Verify that the Power LED is on and the device initializes correctly .

Initial Configuration

• Console Access: Connect via serial or management port to perform initial setup.

• Bootstrap Configuration: Generate a minimal configuration to allow the device to connect to the SD-WAN controller or orchestrator .

• Network Interfaces: Configure 40G interfaces with IP addresses, VLANs, or link aggregation as required.

• Controller Integration:

• For Cisco: Connect to vManage, vBond, and vSmart controllers for centralized management .

• For Palo Alto: Register the device with Panorama using a device registration key for mutual authentication .

• For Extreme or Aruba: Follow the respective orchestrator or EdgeConnect setup guides to ensure HA and WAN optimization features are enabled .

Verification and Testing

• Confirm link status and 40G throughput on all interfaces.

• Verify controller connectivity and that the device receives policies and templates.

• Test failover and HA configurations if applicable.

• Monitor logs for errors during initial boot and configuration push.

Post-Installation Recommendations

• Document the device serial number, IP addresses, and configuration details.

• Schedule firmware and software updates if not already applied.

• Implement monitoring and alerting for interface utilization and SD-WAN performance. By following these steps, your 40G SD-WAN device will be properly installed, integrated into your network, and ready to deliver high-speed, optimized WAN connectivity.

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Follow the steps outlined in the Cisco SD-WAN course by Navid Yahyapour to ensure that you don''t miss any critical

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Fortinet SD-WAN configuration includes the following main steps: SD-WAN interface members define your SD-WAN bundle. They

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