

Join the SD-WAN device SFP



Overview

An SFP (or SFP+) module should be inserted into the Edge before the Edge is powered on. Additionally, to be safe, a valid link (fiber or Ethernet cable terminated into a live port at the remote end) should be applied to the SFP before powering on the Edge. Cisco's software-defined wide area network (SD-WAN) solution, powered by Viptela, allows user to quickly and seamlessly establish an overlay fabric to connect an enterprise's data centers, branch and campus locations, as well as colocation facilities in order to improve the network's speed. To prevent the more common issues encountered when bringing up a new SFP / SFP+ module on an Edge, the following process is recommended when connecting an SFP module: Please make sure the SFP module installed is supported for the platform you are using. First method is to manually apply minimal configuration to the device. What are the different methods to onboard devices into SD-WAN Manager?

Is onboarding supported for all Routing platforms?

How do I generate the details for my virtual device to connect to the PnP portal?

This document provides guidance to onboard the Cisco Routing devices into the enterprise SD-WAN. This document describes the hardware features of the HPE Aruba Networking EdgeConnect 10108 SD-WAN Gateway. It provides a detailed overview of the physical and performance characteristics of the Gateway and explains how to install the Gateway and its accessories. Chapter 1, "Gateway Components" on. There are some ways to onboard and join the Cisco SDWAN IOS-XE device to the SDWAN fabric. Below is the list of Cisco SDWAN Device models: Cisco IOS-XE SD-WAN software: Viptela OS software: Thus, there are several.

Article Content

Feb 05, 2026

How to Onboard a Remote Router into an Existing SD-WAN Fabric

After ensuring that the remote router is running the correct XE SD-WAN software version, and that the device is physically powered on and remotely reachable, follow one of the available ...

Oct 20, 2025

Troubleshooting Tip: Unable to add an interface to SD-WAN Zone as ...

This article describes how to configure an interface as an SD-WAN member if it does not appear in the Interface field. FortiOS, FortiGate, SD-WAN. Interface is already used in an existing ...

Mar 20, 2026

[Cisco SDWAN] WAN Edge Onboarding Options Explanation

The day-zero automated Plug-and-Play (PnP) process provides a simple, secure procedure to discover, install, and provision the Cisco IOS-XE SD-WAN Edge device to join the SD ...

Feb 08, 2026

Prisma SD-WAN Administrator's Guide

Configure Secure SD-WAN Fabric Tunnels between Data Centers Configure Secure SD-WAN Fabric Tunnels between Branch Sites Configure and Attach a Collector Context to a Device ...

Dec 25, 2025

HPE Aruba Networking EdgeConnect 10150 SD-WAN Gateway

This device must be professionally installed and serviced by a trained HPE Aruba Networking Accredited SD-WAN Professional (AASP), or similar HPE Aruba Networking-certified technician.

Apr 24, 2026

Troubleshooting Steps to Follow When an SFP Interface Is Not ...

An SFP (or SFP+) module should be inserted into the Edge before the Edge is powered on. Additionally, to be safe, a valid link (fiber or Ethernet cable terminated into a live port at the remote end) should be ...

Feb 16, 2026

HPE Aruba Networking EC-10106 Gateway Installation Guide

This mounting option allows mounting the EdgeConnect 10108 SD-WAN Gateway gateway in a two-post 19-inch Telco rack. The rack mount procedure includes processes that install the power adapter tray, ...

Nov 25, 2025

Cisco Catalyst SD-WAN Design Guide

It discusses the architecture and components of the solution, including control plane, data plane, routing, authentication, and onboarding of SD-WAN devices. It covers redundancy of SD ...

Jul 26, 2025

Cisco SD-WAN: Device Onboarding

There are two methods of device onboarding with initial configuration so that it can reach vBond. First method is to manually apply minimal configuration to the device. The second method is ...

Jan 23, 2026

SD-Routing: Onboard Routing Devices to Cisco SD-WAN Manager ...

The document focuses on procedures to configure each of the available onboarding options, along with the use cases specific to device deployment using default pre-installed ...

Contact Us

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