# What is an SD-WAN terminal device



## Overview

An SD-WAN appliance is a hardware or virtual device that enables the deployment and management of SD-WAN networks. It continuously monitors multiple network connections to dynamically route traffic over the most efficient path. Typically, dedicated Multiprotocol Label Switching (MPLS) circuits were used to help ensure security and reliable connectivity. This doesn't work in a. A Software-Defined Wide Area Network (SD-WAN) is a wide area network that uses software-defined networking technology, such as communicating over the Internet using overlay tunnels which are encrypted when destined for internal organization locations. SD-WAN appliances provide built-in security features like firewalls. VMware SD-WANTM offers enterprise-grade performance, security, visibility, and control over both the public Internet and private networks. VMware SD-WAN significantly simplifies the WAN with zero-touch deployment, one-click business policy, enhanced firewall service, easy service insertion, and. What is SD-WAN?

A software-defined wide area network (SD-WAN) connects local area networks (LANs) across large distances using controlling software that works with a variety of networking hardware.

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## Article Content

What Is SD-WAN?

SD-WAN can be seen as software defined networking (SDN) for the WAN. It represents, arguably, the most popular and widely deployed use case in SDN.

What is SD-WAN (Software-Defined WAN)? Ultimate

SD-WAN explained Software-defined WAN is a technology that uses software-defined networking concepts to distribute network traffic across a wide

What Is an SD-WAN Appliance? | SD-WAN Hardware

An SD-WAN appliance is a hardware or virtual device that enables the deployment and management of SD-WAN networks, monitoring multiple connections to

Enterprise WAN Simplicity, Performance and Security with VMware

Multitenant VMware SD-WAN Gateways are deployed by VMware and its partners at top-tier network points of presence (PoPs) and cloud data centers around the world for the full range of SD-WAN

What is SD-WAN?

A software-defined wide area network (SD-WAN) connects local area networks (LANs) across large distances using controlling software that works with a variety

What is SD-WAN? | Glossary | HPE Hong Kong SAR

SD WAN is a modern approach to connect branch locations to data centers and the cloud. It uses software to intelligently steer traffic across multiple connections like broadband, 5G,

What Is SD-WAN? How Does SD-WAN Work?

An SD-WAN gateway is an intermediate device that connects new SD-WAN sites and legacy VPN sites of an enterprise. Due to the existence of legacy non-SD-WAN sites, gateways are

SD-WAN for Dummies: What is It and Why Do

Now that we know the component makeup of SD-WAN, we know that SD-WAN is a tool that uses software to unify and intelligently manage traffic connectivity

What Is SD-WAN? Use Cases, Architecture & Key Benefits

Learn what SD-WAN is, how it works, and key use cases. Explore SD-WAN architecture, benefits, and security compared to traditional WANs.

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Cisco SD-WAN CVE-2026-20182: Inside the CVSS 10.0

Technical analysis of the vHub device-type bypass in Cisco Catalyst SD-WAN Controller that gives attackers full fabric control, the sixth SD-WAN zero-day in 2026

CVE-2026-20182: Cisco SD-WAN Active Exploitation | Tenable®

CVE-2026-20182 is a critical auth bypass in Cisco SD-WAN under active exploitation. CISA issued Emergency Directive 26-03 with a 3-day deadline.

Step-by-Step Troubleshooting for Control Connections on Cisco SD-WAN ...

Control connections are the lifeblood of a Cisco SD-WAN (Viptela) fabric. When WAN Edge routers (cEdge or vEdge) fail to establish control connections with vBond, vSmart, or vManage,

UniFi Gateway

UniFi SD-WAN simplifies the setup of Site-to-Site VPN tunnels between UniFi Gateways, enabling seamless resource and application sharing across multiple sites. Comparing Topologies SD-WAN

Cisco''s sixth SD-WAN zero-day of 2026 gives remote attackers ...

A remote attacker with no valid credentials can now seize full administrative control of certain Cisco SD-WAN devices, and the U.S. government says it is already happening. The vulnerability ...

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Complete Guide to Servers, Types, and Features

A server is defined as a powerful machine designed to compute, store, and manage data, devices, and systems over a network. This article

SD-WAN explained in 15 key terms and phrases

One way to better understand software-defined WAN is to have SD-WAN explained based on its individual components, capabilities and technologies. Explore this comprehensive

What Is an SD-WAN Gateway? | Definition,

An SD-WAN gateway is a central hub within an SD-WAN architecture that manages and directs network traffic between branch locations and cloud services.

Related Video Reference

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This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

## Additional source notes

A Software-Defined Wide Area Network (SD-WAN) is a that uses technology, such as communicating over the Internet using overlay which are encrypted when destined for internal organization locations.
If standard tunnel setup and configuration messages are supported by all of the network hardware vendors, SD-WAN simplifies the management and operation of a by decoupling the networking h…

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