HPE Aruba Networking SD-WAN Software and Gateways

What's new

- Virtual Gateways now feature expanded performance up to 4 Gbps when connecting to public cloud infrastructure.
- 9004 Gateway provides SD-WAN and enhanced security capabilities in a compact, cost-effective form factor.
- SD-WAN security on the 9000 Gateways is extended to include identity-based attack detection and intrusion prevention system (IDS/IPS).

Overview

HPE Aruba Networking SD-WAN Software and Gateways are designed for IT staff who need to improve visibility, performance, and security for their legacy routers and WAN connections. With cloud-based services and mobile video and voice, organizations can deploy SD-WAN Software and Gateways to optimize the entire branch experience with rich insight into users, devices, and applications.

The SD-WAN Software and Gateways utilizes a cloud management interface for high scalability and efficient feature updates, without network downtime caused by planned or unplanned maintenance. For network administrators and systems integrators alike, SD-WAN Software and Gateways includes a free mobile application that simplifies the onboarding of branch devices and an SD-WAN orchestrator for automated provisioning of virtual gateways, routes, and tunnels.

Features

Simplify Quality of Service and Security Policies by Unifying WLAN, LAN, and SD-WAN

HPE Aruba Networking SD-WAN Software and Gateways utilize user, device, application, and location context to dynamically apply granular security policies in real-time as devices join the network instead of pre-populated static network segmentation.

HPE Aruba Networking SD-WAN Software and Gateways tunnel all wired and wireless traffic to the built-in Policy Enforcement Firewall for Layer 7 deep packet inspection and improved policy enforcement.

Unify overall policy management across all branch networks with HPE Aruba Networking ClearPass Policy Manager, providing consist network policy at each branch location.

Access to the network and segmentation of traffic is role-based, reducing the need to define static VLANs.

Improve Visibility and Control Over Branches by Integrating SD-WAN

HPE Aruba Networking SD-WAN Software and Gateways help distributed enterprises with multiple WAN connections improve branch connectivity to cloud services and data centers by removing manually-intensive port-based configurations.

HPE Aruba Networking SD-WAN Software and Gateways scalable orchestration automatically creates and optimizes IPsec tunnels between gateways, building the SD-WAN overlay network. Routes are automatically learned and distributed to all gateways.

Improve network efficiency with Dynamic Pather Selection (DPS) which chooses the optimal routes based on latency, jitter, packet loss, and throughput.

Utilize Cloud-based Management to Improve Deployment and Scale

HPE Aruba Networking SD-WAN Software and Gateways come with an installer application that can be used for quick and easy device onboarding at a remote or branch location by non-technical staff. IT can differentiate access levels for network administrators and onsite integrators based on privileges.

HPE Aruba Networking Central serves as the platform that unifies SD-WAN capabilities with WLAN and LAN. This helps reduce IT operational functions from end-to-end by improving branch-wide visibility through a unified interface.

Use branch templates to distribute policies rapidly across enterprises with multiple locations. IT can also customize rules depending on specific branch requirements.

Improve Branch Security with Identity-based Advanced Threat Detection and Prevention Systems

HPE Aruba Networking SD-WAN Software and Gateways features identity-based IDS/IPS that perform signature- and pattern-based traffic inspection on branch office LAN (east-west) traffic as well as SD-WAN (north-south) traffic flowing through the gateway to deliver embedded in-store network security.

An advanced security dashboard provides IT teams with tools to manage an end-to-end zero trust, edge-to-cloud environment providing network-wide visibility, multi-dimensional threat metrics, threat intelligence data, correlation, and incident management.

Integrate HPE Aruba Networking SD-WAN Software and Gateways with cloud-based firewall services to provide advanced security from multiple vendors including ZScaler, Check Point, and Palo Alto Networks.

HPE Aruba Networking Services

HPE Aruba Networking services simplify and accelerate the network technology lifecycle, enabling your network to scale with better predictability and cost-effectiveness. Whether you operate your own network and need to improve your IT efficiencies, or you want to offload some of the burden, we have the services you need to reach your goals.

Learn more about what HPE Services - Aruba Networking has to offer at: hpe.com/edge/services

Support Services

Our support portfolio provides the essential support elements as well as proactive and preventive features to help you improve your team's productivity and get the most from your network. Our support customers benefit from faster issue resolution, simplified operations and efficiencies, and reduced network issues.

Professional Services

With deep intellectual capital and purpose-built tools, our team delivers a range of standard and custom professional services designed to accelerate your value from HPE Aruba Networking technology.

Project based services include:

— Planning, audit, and assessment
— Architecture review and design
— Deployment, migration, and knowledge transfer

Annual subscription services include:

— Network optimization
— Intelligent Operations
— Customer Experience Management

Our Education Services allow your team to come up to speed quickly.

GreenLake for Networking

Deliver innovative business outcomes by leveraging new ways to consume, deploy and manage networks.

For additional technical information, available models and options, please reference the QuickSpecs

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