

Article Overview

High-capacity SD-WAN solutions in the UAE, including Cisco vEdge, HPE Aruba EdgeConnect, and Edgecore SD-WAN, can support enterprise-scale 100G deployments with cloud integration and advanced traffic management.

Cisco vEdge SD-WAN

The Cisco vEdge VEDGE-100B-AC-K9 is an enterprise-grade SD-WAN router available in Dubai and the UAE through authorized resellers like Omnixon Global . Key features include:

- o Enterprise and data center deployment support for core, distribution, and edge connectivity.
- o Compatibility with standard switching protocols (LACP, MLAG/VPC, 802.1Q, OSPF/BGP).
- o Integration with mixed vendor environments (Cisco, Juniper, Arista).
- o Manufacturer warranty and worldwide shipping.
- o High throughput suitable for large-scale enterprise networks, potentially supporting 100G uplinks depending on configuration and aggregation.

HPE Aruba EdgeConnect SD-WAN

HPE Aruba Networking EdgeConnect provides a robust SD-WAN platform with SASE and Zero Trust integration :

- o Built-in next-generation firewall, IDS/IPS, and DDoS protection.
- o WAN optimization, path optimization, and multi-cloud networking.
- o Cloud-based management for automated provisioning and high scalability.
- o Reduces MPLS dependency by leveraging broadband and cellular links.
- o Suitable for hybrid work environments and high-bandwidth applications, making it capable of supporting 100G network backbones in enterprise deployments.

Edgecore SD-WAN (SDW100)

Edgecore SDW100 is designed for mid-to-large enterprise branch networks :

- o Virtualized appliance capable of dynamic traffic management, load balancing, and prioritization of latency-sensitive applications.
- o Can be configured as Hub or Spoke via software.
- o Centralized SD-WAN controller for policy enforcement and bandwidth-aware routing.
- o While primarily targeted at middle-end enterprises, it can be integrated into larger 100G-capable networks



UAE SD-WAN device 100G

when combined with high-throughput aggregation devices.

Etisalat Managed SD-WAN Services

Etisalat UAE offers managed SD-WAN services that include hardware, software, and connectivity management :

- o Centralized self-service portal for monitoring, reporting, and troubleshooting.
- o SLA-backed 24/7 support and monitoring.
- o Optimized for cloud connectivity and digital transformation initiatives.
- o Can support high-bandwidth enterprise applications, and Etisalat can advise on 100G-capable device selection and deployment.

Recommendations

For 100G SD-WAN deployments in the UAE:

- o Cisco vEdge is ideal for data centers and high-throughput enterprise networks.
- o HPE Aruba EdgeConnect is suitable for hybrid cloud and multi-branch environments with advanced security.
- o Edgecore SDW100 can be used for branch aggregation and mid-tier enterprise networks.
- o Engage Etisalat or other local managed service providers for deployment, integration, and support of 100G SD-WAN infrastructure. These solutions provide high-performance routing, cloud integration, and centralized management, ensuring that large-scale enterprise networks in the UAE can achieve 100G throughput with secure, optimized traffic handling.

Key features of the EC-S-P SD-WAN gateway include compact size, quiet operations, flexible mounting options, 8 x RJ45

HPE Aruba Networking SD-WAN Software and Gateways are designed for IT staff who need to improve visibility, performance, and

In UAE Software Defined Wide Area Network (SD-WAN) Market, offering valuable insights, key market trends,

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HPE Aruba Networking EdgeConnect Extra Large-H 10G 6x SFP+ 2xNVMe 2xPSU 2xSSD NAL SD-WAN Gateway The EC-XL-H

Etisalat's SD-WAN includes hardware, software and connectivity management with SLAs and 24/7

As more businesses move to the cloud and SaaS-based applications, ensuring secure connectivity of branches and remote users is

Cisco SD-WAN delivers efficiency and resiliency with secure, cloud-agnostic connectivity, automation, and performance for modern

Sona Networks offers Software Defined Networking and SD-WAN solutions for enterprises in Dubai. Boost your network's

Cisco SD-WAN Routers and WAN Appliances provide end-to-end management and flexibility for your WAN and cloud network.

Secure, flexible, highly available - this is how SD-WAN site networking can look like for your midsize branch infrastructures. The

SD-WAN has been positioned as a preferred network technology which advocates a more simple, seamless, and efficient journey for

Our team of professional SD-WAN experts at OSI Infotech Dubai provides the best managed SD-WAN

HPE Aruba Networking EdgeConnect SD-WAN delivers secure, high-performance WAN connectivity with cloud-first architecture and

Cisco SD-WAN routers are delivered as hardware, software, cloud or virtualized components that sit at the perimeter of a site, such

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