HPE Aruba Networking Fabric Composer

HPE Aruba Networking Fabric Composer Device Management Service Tier 3 Switch 3y Subscription E-STU (R8D19AAE)

What's new

- Primary network and security engine for the HPE Aruba Networking CX 10000 Switch Series; provides unified orchestration for segmentation, security, and firewall policy configuration.

Overview

HPE Aruba Networking Fabric Composer is an intelligent, API-driven, software-defined orchestration solution that simplifies and accelerates network provisioning, security management and day-to-day operations across rack-scale compute and storage infrastructure.

What makes Fabric Composer different from other solutions is that the software is the primary unified network and security management engine for the CX switching platforms. It handles all switch and network configurations, plus all firewall policy definitions for both switch and distributed firewalls.

Fabric Composer simplifies fabric management across multi-site data center locations. This multi-fabric orchestration capability is enabled via automating

VXLAN configurations at data center border switches and global fabric management synchronization across geography dispersed data center locations.

Features

Simplify IT Operations

HPE Aruba Networking Fabric Composer can orchestrate a discrete set of switches as a networking fabric through a single pane of glass that manages the network and security with application awareness.

Workflow automation and simple point and click GUI help streamline complexity, increasing speed and reducing costs.

It provides fabric-wide security policy orchestration for workloads.

OpenAPIs allow Dev-Ops community to develop its own integration packs.

It provides multi-fabric management

Accelerate Provisioning

HPE Aruba Networking Fabric Composer speeds infrastructure provisioning with software-defined fabric automation and orchestration.

It integrates into your existing IT operational frameworks with ease.

It offers the simplicity and determinism of centralized network management with the rapid response and scalability of decentralized control.

It orchestrates a set of switches in a multi-fabric that simplifies day-to-day operations; management, data fabric, troubleshooting, fully integrated with IT and workload management frameworks.

It provides switch port telemetry data and management of distributed services firewall logs.

Increased Visibility and Control

HPE Aruba Networking Fabric Composer features end-to-end network visibility of connected hosts, virtual machines (VM), VLANs, services, and workloads to simplify troubleshooting of connectivity and performance problems.

Automatically detect and dynamically solve network issues before your business is impacted.

Unified Policy and Distributed Services Orchestration

It provides unified orchestration for segmentation, security, and firewall policy configuration; it is also the primary network and security engine for the HPE Aruba Networking CX 10000 Switch Series.

Centrally defined policy elements are distributed to every rack allowing for fine-tuned micro-segmentation of workloads. Unified policy allows the administrator to easily configure stateless ACLs or create stateful policies enforced by Distributed Services Firewall.

It combines deep IT ecosystem integration and event-based workflow automation with global network control that is customized for Hewlett Packard Enterprise environments.

Technical specifications	HPE Aruba Networking Fabric Composer Device Management Service Tier 3 Switch 3y Subscription E-STU
Product Number	R8D19AAE
Software (required)	HPE Aruba Networking CX Switch Operating System (AOS-CX)
Technical notes	HPE Aruba Networking Fabric Composer can orchestrate a discrete set of switches as a single networking fabric through a single pane of glass that manages the network with application awareness. Speeds infrastructure provisioning with software-defined fabric automation and orchestration. End-to-end network visibility of connected hosts, virtual machines, VLANs, services, and workloads to simplify troubleshooting of connectivity and performance problems. Combine deep IT ecosystem integration and event-based workflow automation with global network control that is customized for Hewlett Packard Enterprise environments.
Platform required	HPE Aruba Networking CX platforms
Differentiator	Tier 3 switches
Length of support	3-year subscription

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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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product.

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