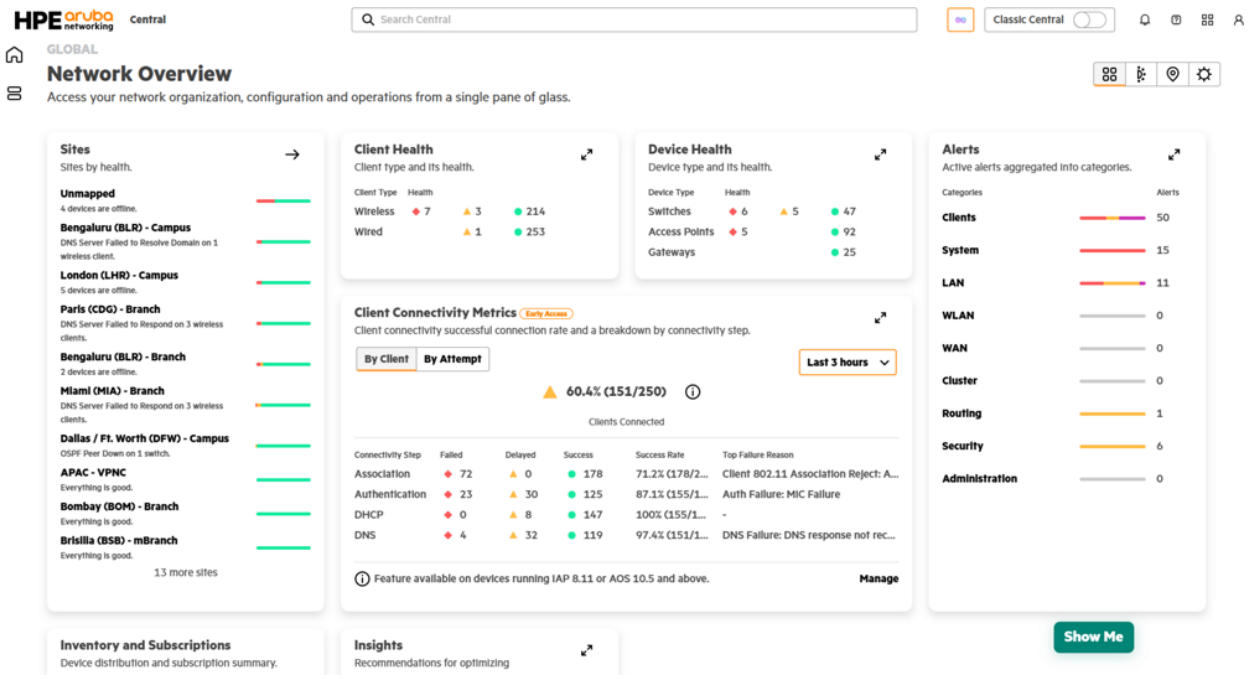
HPE Aruba Networking Central

HPE Aruba Networking Central On-Premises Switch Class4 Foundation 5-year Subscription E-STU (R8M12AAE)



What's new

- HPE Aruba Networking Central NAC for cloud-delivered network access control (NAC) solution offering robust authentication, authorization, and seamless client onboarding.
- Introducing public preview of new HPE Aruba Networking Central providing IT teams with easier navigation, improved network observability, and intuitive AIOps for enhanced user experience.
- More AI Insights specifically boosting

Overview

HPE Aruba Networking Central is a powerful, cloud-based networking solution that unifies management of wireless, wired, and WAN infrastructure across campus, branch, data center, and remote worker locations. Featuring built-in, AI-driven analytics and intelligent alerts, it provides actionable insights required to proactively monitor, troubleshoot, and improve network performance.

This solution provides enterprise-grade scale and resiliency, delivers advanced security and threat management capabilities, and offers flexible deployment options with cloud, on-premises, and as-a-service models, making it a perfect fit for large enterprises with limited IT personnel. A real-time summary of network-wide health is delivered through an intuitive

network performance by reducing the time and effort to plan, deploy, manage and troubleshoot the network.

- Enhanced network observability providing deeper insights and enhanced visibility into your network.
- Offering deployment flexibility with software-as-a service (SaaS), on-prem, virtual private cloud (VPC), and managed service provider (MSP) options to meet the varying networking needs of customers.
- Offering third-party device monitoring by integrating HPE OpsRamp Software technology into HPE Aruba Networking Central, reducing blind spots and improving troubleshooting across diverse environments.

dashboard that can be accessed from anywhere, including through a mobile app for on-the-go operations. Whether managing one location or several hundred, network management is now far simpler with this solution.

Features

AIOps for Wired, Wireless, and SD-WAN Infrastructure

AI Insight provides actionable intelligence of the overall health of the network to simplify troubleshooting and boost overall performance.

Leveraging a common data lake hosted in the cloud, peer comparisons are available to crowdsource commonly encountered issues.

AI Search provides more advanced issue detection capabilities, simplifying day 0 to day 2 operations with context-based troubleshooting and guided remediation steps to quickly fix issues.

AI Assist brings support services to the forefront by using machine learning to perform search queries, automatically collect diagnostics, and proactively initiate a TAC service request, as needed.

Additional Wi-Fi and Bluetooth Low Energy (BLE) analytics enable businesses to conduct contact tracing and location tracing to aid in COVID-19 responses.

Enterprise Scale and Resiliency

HPE Aruba Networking Central delivers higher scale and resiliency for enterprise campus, branch, and remote networks, with support for tens of thousands of devices in a single instance.

Advanced AOS capabilities like AirMatch, Live Upgrades, and clustering provide enhanced performance and reliability.

SD-WAN with new cloud connect functionality improves WAN performance, simplifies branch configurations, and enables seamless connectivity to AWS and Azure gateways.

HPE Aruba Networking threat defense enables IPS/IDS, while integration with Zscaler and Palo Alto provide advanced web security capabilities.

Using HPE Aruba Networking's micro branch, RAP, and SD-WAN light features, work from home, teleworker, and remote call center deployments are also supported.

Simplified Deployment and Lifecycle Management

HPE Aruba Networking Central provides Zero Touch Provisioning (ZTP) through a common configuration and deployment framework.

Manage HPE Aruba Networking CX switches alongside HPE Aruba Networking Switch Operation System (AOS-S) switches and convert existing Mobility Controllers and campus APs for investment protection.

A mobile installer app can be used to provision an access point, switch, or gateway– ideal for systems integrators or third-party contractors.

REST APIs are available through the API Gateway, and include protected OAuth access and rate-limiting capabilities.

View, analyze, and enforce policies for traffic based on individual applications, application categories, web categories, and web reputation.

Built-in security

Client Insights: Delivers continuous, AI-powered device discovery and profiling with up to 99% accuracy, enabling real-time visibility into every endpoint—whether managed, unmanaged, or IoT. This reduces blind spots and ensures that only trusted devices access the network.

Central NAC: Enforces dynamic, policy-based access control based on user roles, device types, and risk posture. It automatically applies least-privilege access, minimizing lateral movement and exposure to threats.

Policy Manager: Centralizes policy orchestration across wired, wireless, and WAN environments. It simplifies compliance, eliminates duplication, and ensures consistent enforcement from a single interface.

Technical specifications	HPE Aruba Networking Central On-Premises Switch Class4 Foundation 5-year Subscription E-STU
Product Number	R8M12AAE
Software (required)	HPE Aruba Networking Central

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 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.

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