HPE Aruba Networking Central

AI-powered, cloud-managed networking for branch, campus, remote, and data center networks

Key features

- Unified management of wireless, wired, VPN, and SD-WAN for simplified operations
- AI-based Network Insights for faster troubleshooting and continuous network optimization
- Integration with HPE Aruba Networking UXI to proactively monitor and improve the end-user experience
- Network fabric orchestration, intent-based policy engine and access controls for unified policy management, automated network provisioning and zero-trust security at scale with HPE Aruba Networking Central NetConductor
- AI-based Client Insights enables inline client profiling and telemetry to close visibility gaps associated with IoT
- Powerful monitoring and troubleshooting for remote or home office networks
- APIs and webhooks to augment the value of other leading IT platforms in your environment
- Live Chat and an AI-based search engine for an enhanced support experience
- SaaS, on-premises, and Virtual Private Cloud managed service options for flexible consumption and financing

HPE Aruba Networking Central is a powerful cloud-managed networking solution that offers unmatched simplicity for today’s IT operations. As the management and orchestration console for HPE Aruba Networking ESP (Edge Services Platform), HPE Aruba Networking Central provides a single point of control to oversee every aspect of wired and wireless LANs, WANs, and VPNS across campus, branch, remote, and data center locations.

AI-powered analytics, end-to-end orchestration and automation, and advanced security features are built natively into the solution. Live upgrades, robust reporting, and live chat support are also included, bringing more efficiency to day-to-day maintenance activities.

Built on a cloud-native, microservices architecture, HPE Aruba Networking Central delivers on enterprise requirements for scale and resiliency, and is also driven by intuitive workflows and dashboards that make it a perfect fit for businesses with limited IT personnel.

The next generation of HPE Aruba Networking Central further amplifies the value of unified cloud-managed networking with an AI-powered, operator-centric experience designed with a deliberate consideration for network operator needs and goals. With intuitive navigation, industry-first “network time travel”, scalable topology visualizations, near real-time full-stack visibility, and intelligent automation, it transforms the way IT personnel interact with the network. Next-generation HPE Aruba Networking Central will be made available for early adopter access towards the end of 2023.

Streamlined network operations

HPE Aruba Networking Central eliminates the inefficiency of using disjointed, domain-specific network management tools. It begins with a network health summary dashboard that provides quick insights to analyze and improve the network—whether it be the wired or wireless LAN, or performance across the WAN.

From this single dashboard, IT operators can readily assess the state of the network with views into global and site-level details. Selecting a site changes the interface to only show network devices and connected clients specific to that location. This way, IT operators can swiftly identify potential problems, as well as zero-in on specific locations that require their immediate attention.

Simplified onboarding and provisioning

Onboarding, configuring, and provisioning network devices is a key activity in any environment, but can be time-consuming and complex. HPE Aruba Networking Central accelerates this process with an easy setup wizard, flexible configuration options, and zero-touch provisioning, further aided by an intuitive mobile installer app.
Integration with HPE GreenLake
The solution is integrated with HPE GreenLake, providing a consistent operating model and a unified platform for efficient management of compute, storage, and networking infrastructure, while enhancing cost controls. Users can log in using Single-Sign-On (SSO) and are granted role-based access (RBAC) based on permissions. An additional layer of security can also be enabled with Multi-Factor Authentication (MFA).

Guided Setup Wizard
The setup wizard automatically adds account subscriptions, synchronizes device inventory from orders, and assigns purchased licenses to devices. This saves time, improves accuracy, and makes it easier to onboard or replace devices into your environment.

Flexible Config Options
To simplify device configurations, HPE Aruba Networking Central uses templates and a UI option that features guided, step-by-step workflows. For devices with common configuration requirements, network admins can use groups to instantly apply or modify settings across large sets of devices. Templates can be used to efficiently configure switches using scripts and conditional statements.

Additional options are available for Aruba CX switches. Port profiles and Central NetConductor network wizard are both useful for initial setup and day 0/1 operations. Network wizard automatically identifies network topology, automates underlay network configuration and deploys networks, whereas port profiles enables comprehensive configuration of multiple switches using re-usable CLI-based profiles. For day N operations, customers can use a simple UI-based approach with frequently used functions to configure individual switches or the multi-editor option to simultaneously configure multiple devices with common requirements. Both of these options offer built-in device validation, making it easy for network admins to stage, test, and roll-out changes while ensuring compliance with existing policies and common criteria.

Zero Touch Provisioning
Zero touch provisioning provides a simple, intuitive workflow for setting up APs, switches, and gateways – no onsite IT involvement required. Configuration parameters can be defined within HPE Aruba Networking Central based on network- or site-specific requirements.

To get started, simply plug in and power on a device. As the device boots up, it connects to HPE Aruba Networking Central and automatically receives its running configuration from the cloud.

Mobile Installer App
The mobile installer app allows you to delegate the installation and deployment of devices to trusted resources or third-party service providers. The central admin can set the access privileges of each IT resource, post which the app tracks the onboarding process as devices are scanned and added to the assigned network. The zero touch provisioning process is then used, and the status of each device is instantly updated in the HPE Aruba Networking Central installer dashboard.

HPE Aruba Networking Central provides management for a wide range of HPE Aruba Networking products. Please refer to the complete list of supported network devices here.

AI-powered monitoring and troubleshooting
When a network- or business-impacting problem occurs, quick detection, root cause identification, and resolution are at the core of maintaining a stable environment. HPE Aruba Networking Central enables 24x7, intelligent monitoring of networks, applications, client devices, and end-user experience, all correlated into powerful visualizations and dashboards.

AIOps for Wireless, Wired, and WAN
HPE Aruba Networking Central includes a full-service AIOps solution that automates common troubleshooting activities, reducing IT support tickets and associated costs. HPE Aruba Networking’s AIOps solution is based on machine learning models that are consistently trained with network performance data collected from tens of thousands of HPE Aruba Networking customers across every vertical, market segment, and network type.
Core components of the AIOps solution include:

- **Network Insights**: Automatically surface and diagnose an array of common network-impacting issues by using dynamic, per-site baselines that are continuously tuned as conditions change – no manual setup or adjustment of service level thresholds required. Built-in anomaly detection highlights the severity and impact of issues as they occur, helping IT pinpoint root cause and proper remediation steps with 95% accuracy.

- **AI Search**: A natural language processing (NLP) engine of the HPE Aruba Networking Central data lake that points to solution guides, troubleshooting tips, and more. Whether operators are looking for best practices on device configurations or need to isolate a problem impacting a specific user, Al Search provides fast, interactive responses that simplify Day 0 to Day 2 operations.

- **AI Assist**: Uses event-driven automation to collect diagnostics for critical failure signatures, making it available to HPE Aruba Networking TAC for proactive customer support and replacement workflows.

- **AI-powered Client Insights**
  Granular visibility and profiling of clients with up to 99% accuracy by using native telemetry from Aruba infrastructure without the installation of physical collectors or agents. Deep packet inspection that uses client and device attributes coupled with machine learning models are used to fingerprint, identify, and accurately profile a wide variety of clients across the entire wired and wireless infrastructure. This approach reduces deployment time and cost and accelerates time-to-value while increasing visibility and security posture.

  Eliminating manual troubleshooting can help solve issues up to 90% faster. Customers can also tap into anonymized peer benchmarks that offer optimal configuration settings based on performance levels at sites with similar network characteristics – in some cases improving capacity by up to 25%.

  Lastly, self-healing workflows can be enabled to automatically update configurations as needed, helping IT fix issues without manual intervention.

- **AI-powered Firmware Recommendation**
  Eliminates the overhead of manually tracking firmware upgrades and reduces the risk of non-compliance to security vulnerabilities with proactive, AI-powered firmware recommendations for APs. ML models are used to dynamically assess software per AP model, TAC cases opened per version, age, compatibility and other information to offer a recommended firmware version, along with a summarized report of the number of devices receiving the upgrade.

- **Additional Monitoring Capabilities**
  Detailed health and analytics dashboards are also available to monitor:

- **Network health and assurance**: Gain broad visibility into network-wide performance, and drill-in to specific sites with summaries of device utilization, configuration compliance, and other statistics.

- **Application visibility**: Monitor application health across the network, ensuring critical services receive priority traffic while tracking and enforcing acceptable usage by site, device, or location.

- **UCC analytics**: A consolidated view of how VoIP applications such as Zoom, Slack and Teams are performing with mean opinion scores (MOS) and insights into potential RF performance and capacity issues.

- **Client health**: Delivers a multitude of details on devices connected to the network, including insights into client performance, connectivity status, physical location, and the data path.

- **AI-based connectivity insights**: Automatically identify potential Wi-Fi connectivity issues tied to DHCP, DNS, authentication failures, and more.
For wired networks, IT operators gain visibility into the health and utilization of both individual and stacked switches. This includes port status, PoE consumption, VLAN assignments, device and neighbor connections, power status, and more—with built-in alerts and events that accelerate wired network troubleshooting.

**Built-in Troubleshooting Tools**

Troubleshooting capabilities include live events, which provide details such as occurrence time, device name, device type, category, and description. Additionally, packet capture, logs, and rich command line tools are included for troubleshooting. Diagnostic checks such as ping tests and traceroutes are also available, as are device-level performance tests for HPE Aruba Networking infrastructure. These details can be sent to the Aruba TAC team in real time through live action.

**User Experience Insight Integration**

HPE Aruba Networking User Experience Insight (UXI) completes IT’s understanding of application and network health by measuring it from the perspective of end users. UXI sensors deliver continuous monitoring and testing of wireless, wired, and WAN performance, reporting any anomalies directly to the HPE Aruba Networking Central network health dashboard. When a problem is detected, IT can quickly identify systemic or intermittent issues in any location, then access the full UXI dashboard for advanced troubleshooting.

**Wireless optimization techniques**

Cloud, IoT, and newer applications such as 8K video streaming and AR/VR are flooding Wi-Fi networks. Combined with poor building conditions that can interfere with client connectivity, these bandwidth-intensive applications can have a crippling effect on network performance and end-user experience. HPE Aruba Networking Central orchestrates a number of unique AI-powered capabilities that keep Wi-Fi networks performing at peak levels.

**Deliver SLA-Grade Application QoS**

Guarantee performance and optimize user experience with Air Slice. By dynamically allocating radio resources such as time, frequency, and spatial streams, Air Slice helps guarantee performance for latency-sensitive, high-bandwidth applications such as AR/VR, Zoom, Teams and Slack as well as IoT devices.

**Automate RF Management**

Improve wireless capacity and coverage controls with AirMatch. By utilizing AI and machine learning, AirMatch analyzes periodic RF data across the network to derive configuration changes for every deployed HPE Aruba Networking AP, which receive dynamic updates based on changing environmental conditions.

**Optimize Client Connectivity**

Enhance traditional radio and roaming techniques with ClientMatch, a patented RF optimization technology that continually enhances connectivity for Wi-Fi 6 and Wi-Fi 5 clients and eliminates sticky client issues.

**Zero Configuration networking**

Unique enterprise-class capability of AirGroup offers an efficient way to access shared devices such as printers and conference room Apple TVs (Apple® AirPrint and AirPlay) based on username, role, or user location.

**Secure onboarding of IoT devices**

IP-based IoT controllers, displays, and protocol convertors can be securely onboarded using Device Provisioning Protocol (DPP), certified under Wi-Fi Alliance as “Easy Connect”. This standard allows devices to be easily provisioned onto a secure network using simple, modern techniques such QR code scanning. DPP speeds installation time, closes security gaps of earlier provisioning systems, uses WPA3 and other security mechanisms and meets the high standards sets by CISOs.

**Optimize Wi-Fi Planning and Monitoring**

Optimize the process of Wi-Fi design, implementation and real-time monitoring with intuitive floorplans. Floorplans on HPE Aruba Networking Central display accurate coverage patterns without the use of dedicated RF sensors or additional appliances. Site survey and plan files can also be directly imported from third-party Wi-Fi design solutions such as Ekahau, for real-time monitoring of infrastructure devices, clients, and anomalies.
Automate security at scale from edge to cloud

Hybrid workplace initiatives, IoT, and edge computing are increasing network complexity. Meanwhile, new security exploits crop up every day. As a result, manual configuration of static VLANs, ACLs, and subnets at every network hop is no longer practical or scalable for protecting today’s distributed enterprise. To overcome the shortcoming with traditional perimeter-based approaches, organizations are increasingly adopting new, sophisticated security models such as Zero Trust and SASE. A fundamental concept of both Zero Trust and SASE security frameworks is identity-based access control that grants least-privilege access for a device or user, restricting them from accessing resources not required to complete their tasks.

To streamline the adoption of identity-based access and simplify IT operations, Central NetConductor delivers advanced, cloud native configuration, management, and security services by identifying network topology, automating and orchestrating intent-based policy, enabling intuitive network access and authentication controls, and providing AI-based discovery and profiling of all connected clients across campus and data-center environments.

AI-based Client Profiling
To close visibility gaps often associated with mobile and IoT devices, HPE Aruba Networking Central offers ML-based classification of all clients. This capability, known as Client Insights, uses dynamic comparisons against crowdsourced fingerprints of known clients and MAC range classification in the likely event that unknown devices are connected to your network.

Through this service, HPE Aruba Networking Central automatically categorizes all devices running on any wired or wireless network, using deep packet inspection to provide additional context and behavioral information that help ensure devices are receiving proper policy enforcement. Once identified, device behavior is constantly monitored for change, ensuring an up-to-date view of what is on the network at all times.

Eliminate Indoor Cellular Gaps
Enable seamless handoffs between cellular and Wi-Fi with Air Pass. Using pre-negotiated agreements with major mobile network operators and the Wi-Fi certified Passpoint® standard, Air Pass eliminates the need for captive portals, usernames, and passwords to deliver a great experience for your guests while reducing costs and management overhead of DAS.

User and Device Authentication
Cloud-native NAC provided by Cloud Auth streamlines end-user authentication for wired and wireless networks managed by HPE Aruba Networking Central. IT admins have the flexibility to select from various authentication methods such as—uploading approved client MAC addresses or authenticating users through integrations with popular cloud identity stores such as Google Workspace™ or Azure Active Directory, and assigning the appropriate level of network access based on network profile. The network profile for different operating systems (macOS, Windows, iOS, and Android™) can be downloaded by entering user credentials or easily installed via the Onboard app. Alternately, unique pre-shared passwords or passphrases can be used to onboard user devices and non-user specific devices such as IP phones, cameras, thermostats etc., without prior device registration with Multi Pre-Shared Key(MPSK). Users can also leverage captive portal authorization methods for effortless network access.

Within the associated monitoring dashboard in HPE Aruba Networking Central, administrators have visibility into traffic patterns, access requests, connected sessions, and more, helping IT continuously refine and strengthen security postures.

Figure 5. Mobile & IoT device visibility for accurate policy use

Air Pass is currently available in the U.S. only.
**Simplified and Efficient Operations**

The HPE Aruba Networking Central NetConductor network wizard is a user-friendly service that simplifies the creation of underlays for campus and data-center environments. Manual errors are eliminated as network topology is automatically identified and configured with minimal user inputs. This guided set-up process enables network admins to create their networks quickly and efficiently, without worrying about errors.

**Global policy automation and orchestration**

The HPE Aruba Networking Central NetConductor policy manager empowers IT to define and maintain global policies at scale with ease, using UI-driven, intuitive workflows that automatically translate security intent into policy design and map user roles for employees, contractors, guests, and devices to their proper access privileges.

Using the HPE Aruba Networking Central NetConductor fabric wizard, IT operators can automatically generate logical overlays without complex CLI programming, pushing inherent policies universally across wired, wireless, and WAN infrastructure for campus and data center environments.

Network devices such as fabric-capable HPE Aruba Networking gateways and switches perform inline policy enforcement and inspection with the help of global policy identifiers. This form of distributed policy enforcement reduces network latency as application traffic doesn’t need to be diverted to a separate security appliance, so there’s no compromise between network protection, performance, and user experience.

**Flexible Technology Eases Migration**

HPE Aruba Networking Central NetConductor uses widely adopted protocols such as EVPN/LAN to produce the intelligent network overlay. As a result, the overlay can be quickly deployed across heterogeneous networks across all domains, from remote and branch locations to campuses and data centers across enterprises of all sizes, giving you the benefit of cloud-native visibility, authentication, and security services with flexibility and freedom of choice to modernize your network at your pace — no technical disruptions or costly rip and replace of infrastructure required.

To learn more, contact your HPE Aruba Networking sales representative or please refer to the HPE Aruba Networking Central NetConductor solution page.

**Additional security capabilities**

**Secure Wireless Segmentation**

For venues such as malls or airports that require multi-tenancy operations, MultiZone enables secure SSID separation without needing to deploy additional access points. A key use case of MultiZone is keeping IoT devices—which aren’t very secure—separate from other enterprise traffic without incurring the expense or complexity of deploying and managing another wireless network.

**Intrusion Detection**

HPE Aruba Networking Central utilizes HPE Aruba Networking’s Rogue AP Intrusion Detection Service (RAPIDS) to identify and resolve issues caused by rogue APs and clients. Custom rules can be used to classify APs into 7 different categories with RAPIDS. Wired and wireless data is automatically correlated to identify potential threats, strengthening network security and improving incident response processes by reducing false positives. Additionally, selected network traffic can be inspected based on their perceived risk with Risk Oriented Traffic Inspection.

**Web Content Filtering**

Web Content Classification (WebCC) classifies websites by content category and rates them by reputation and risk score, enabling IT to block malicious sites to help prevent phishing, DDoS, botnets, and other common attacks.
**SD-branch orchestration**

Connecting branches and other remote locations using legacy WAN solutions is costly and complex. HPE Aruba Networking EdgeConnect SD-Branch can help simplify WAN management while enhancing user experiences.

As the cloud-based management console for HPE Aruba Networking EdgeConnect SD-Branch, HPE Aruba Networking Central empowers IT to centrally manage virtual, headend, and branch gateways and route traffic over MPLS, broadband, and cellular links.

HPE Aruba Networking Central also provides:

- Integrated topology views for graphical representation of headends, cloud connectivity, gateways and details per site.
- Monitoring of WAN circuit health, bandwidth availability, and tunnel status for each site.
- Quality of experience (QoE) scores for SaaS apps with drill-downs for root cause analysis.
- WAN orchestration for managing routing preferences across branches and data centers.
- Virtual gateway management to directly extend policies to gateways hosted in public clouds.
- Streamlined management of integrations with AWS Transit Gateway Network Manager and Microsoft Azure Virtual WAN.
- An advanced security dashboard with IDS/IPS, threat intelligence data, and correlation with incident management capabilities.

Please refer to the HPE Aruba Networking EdgeConnect SD-Branch data sheet for more.

**Remote work capabilities**

HPE Aruba Networking Central enables IT to easily scale, monitor, and secure the network infrastructure required to support thousands of remote users who need access to corporate applications and services — no taxing, manual setup required. Options include deploying the HPE Aruba Networking EdgeConnect Microbranch solution with any HPE Aruba Networking access point to provide an on-campus connectivity, support, and security experience to small offices, home offices, or ad-hoc locations without the requirement of an on-premises gateway, or using plug-and-play Virtual Intranet Access (VIA) VPN clients that connect to HPE Aruba Networking Gateways deployed in data centers or public cloud infrastructure to support workers on the go.

Once workers are connected, IT can centrally monitor and troubleshoot user-impacting problems, including employees who are connected to the VPN. Insights include the client data path, bandwidth consumption, and VPN tunnel health.

Proactive notification of issues helps IT debug issues faster by pinpointing the exact cause of bottlenecks, thereby reducing help desk calls and minimizing user interruptions.

With the HPE Aruba Networking EdgeConnect Microbranch functionality in AOS 10, IT also gains WAN orchestration and policy-based routing capabilities, as well as integration with cloud security solutions from providers such as Zscaler. IT is also able to rapidly root-cause poor experience issues with the WAN transport health dashboard. The microbranch architecture dramatically simplifies how IT manages connectivity for the hybrid workforce—delivering enhanced performance, reliability, and security to remote locations with minimal overhead.

**Extend operations to IoT**

HPE Aruba Networking Central simplifies IoT operations with an integrated dashboard and app store for non-IP IoT devices along with other IP based IoT devices. The dashboard
extends network monitoring and insights to BLE, Zigbee, and other non-IP IoT devices in the physical environment. Aruba access points running AOS 10 act as IoT gateways and eliminate the need for parallel overlay networks, helping converge IT and OT onto the same network.

The integrated app store reduces the complexity of deploying new IoT services, which often require specialized components and skills. With HPE Aruba Networking Central, customers can seamlessly download and deploy best-of-breed apps from leading IoT partners in a couple of clicks.

**Reporting and maintenance**

**Robust Reporting**
HPE Aruba Networking Central provides premium-grade reporting features that are included as part of the base license subscriptions. Reports cover device connectivity, network health, capacity planning, and the ability to baseline and compare user experience across various sites in the network. A reporting wizard is also provided to generate scheduled and on-demand reports that highlight network and application health, throughput and usage data, device and client inventory, activity auditing, and much more.

**Live Upgrades**
Upgrading firmware on network devices often results in downtime or loss of service. In such cases, IT organizations often rely on time-consuming, CLI-based processes, or must place calls to customer support to help initiate upgrades.

HPE Aruba Networking Central offers a radically simplistic approach with a GUI-based workflow to upgrade firmware on deployed network devices. This includes the ability to complete live upgrades to reduce maintenance windows and ensure continuous operations. Upgrades can be completed at the site level, and can also be scheduled during non-peak hours of operation. Lastly, rules governing firmware compliance can also be managed within the HPE Aruba Networking Central UI for all managed devices.

**Extensibility through APIs and webhooks**
For customers developing network automation frameworks, HPE Aruba Networking Central offers extensibility with other leading IT platforms and solutions through APIs and webhooks.

By automatically pulling data from Central into these third-party solutions, network operators can programmatically trigger actions based on certain events or conditions. Common workflows that extend across multiple systems can be further automated, such as creating IT tickets in ServiceNow, or orchestrating configuration changes across hundreds of network devices using Ansible.

**Fedramp authorized**
HPE Aruba Networking Central has achieved an “Authorized” designation with the Federal Risk and Authorization Management Program (FedRAMP). Accreditations such as FedRAMP provide even stronger assurance that all companies or entities—including U.S. federal agencies and participating state and local (SLED) government IT departments—can confidently adopt HPE Aruba Networking Central’s cloud-based services to simplify operations, reduce IT costs, and create greater value for their organizations.

For further details on how HPE Aruba Networking Central can meet your organization’s security and data privacy requirements, please refer to the technical brief.

**Geographic Availability, Scalability, and Resiliency**
Aruba Central maintains points of presence (POPs) worldwide, enabling GDPR compliance and the segmentation of customer information based on region.

**Deploy and manage your way**
HPE Aruba Networking Central is available via software-as-a-service (SaaS), on-premises, Virtual Private Cloud and managed service models, giving customers the choice and flexibility required to suit a diverse set of technical, staffing, and financial requirements.
On-premises and Virtual Private Cloud deployments

HPE Aruba Networking Central On-Premises and Virtual Private Cloud model is ideal for customers who want the agility and efficiency of the cloud, but need to adhere to stringent regulatory or compliance requirements. Customers with legacy network designs that may temporarily inhibit cloud adoption are also potential candidates for Central On-Premises option. The Virtual Private Cloud model provides a private cloud deployment for a single customer. For more details on this model please reach out to your Aruba sales representative.

HPE Aruba Networking Central On-Premises is powered by purpose-built server appliances, available in either 3-, 5-, or 7-node clusters for enterprise-class scale and resiliency. A 1-node option is also available to support smaller deployments. Please refer to the HPE Aruba Networking Central On-Premises ordering guide for more details.

Intelligent Operations for HPE Aruba Networking Central On-Premises

Further operational and financing flexibility is available through Intelligent Operations for HPE Aruba Networking Central On-Premises. This service provides subscription-based usage of the hardware and software that power HPE Aruba Networking Central On-Premises and is configured, managed, and continuously optimized by HPE Aruba Networking technology experts.

Intelligent Operations for HPE Aruba Networking Central On-Premises delivers cloud-like flexibility and significantly reduces overhead for in-house IT personnel. The result is an end-to-end solution that enhances IT efficiency, maximizes budgets, and ensures frictionless service delivery for optimal network performance.

Intelligent Operations for HPE Aruba Networking Central On-Premises can be included with GreenLake for HPE Aruba Networking service offerings, or as a standalone Professional Service with support. For more details, please refer to Table 2 below, or contact your HPE Aruba Networking sales representative.

Simple, flexible consumption

Software subscriptions – formally referred to as licenses – enable various management features within HPE Aruba Networking Central, and are purchased on a per-device basis. Subscriptions are available in 1-, 3-, 5-, 7-, and 10-year increments, making it easy for customers to align requirements for AIOps, security, and other desired management features with both current and future budgets.

Foundation Subscriptions

Foundation subscriptions enable all primary enterprise features for campus, branch, remote, and data center networks, and provide access to monitoring, reporting and troubleshooting, onboarding, provisioning, orchestration, AI and analytics, content filtering, guest access, UXI integration, and 24x7 TAC (including software support for all hardware).

Advanced Subscriptions

Advanced subscriptions are available for HPE Aruba Networking access points and gateways and include all Foundation features while adding enhanced AIOps, security, and other premium features, such as end-to-end segmentation, expanded AI Insights, UCC visibility and reporting, and more.

New Subscription Options to Maximize Value

Additional purchasing and consumption flexibility is provided through options such as delayed activation, co-termination, and license upgrades, which help customers maximize the use and value of HPE Aruba Networking Central subscriptions over their contracted terms.

• Delayed Activation: Purchase your subscriptions now, then activate them up to 90 days later to align with network deployments, expansions, or other upcoming IT initiatives.

• Co-termination: Align your subscriptions to a common end date to simplify upcoming renewals, budget planning, and other administrative tasks.

• Tier upgrades: Upgrade your subscriptions from Foundation to Advance at any point during your contracted terms to unlock new value-added features – no new contracts or license keys required.
Note: Delayed activation, co-termination, and tier upgrades will be supported in mid-2023 with configurable SKUs. You can find additional licensing and purchasing information in the HPE Aruba Networking Central SaaS Subscription Ordering Guide.

**HPE Aruba Networking Central help center**

HPE Aruba Networking Central provides context-based assistance when and where you need it the most. The NLP engine of AI Search dynamically adjusts query results based on your location within the HPE Aruba Networking Central user interface, placing helpful solution guides directly at an IT admin’s fingertips. In addition to the AI Assist feature that can automatically notify HPE Aruba Networking TAC of an issue, there’s also an integrated 24x7 live chat for real-time support.

For information on features, configurations, and newly supported APs, switches, and gateways, please visit the HPE Aruba Networking Central Help Center.

**Airheads Community**

HPE Aruba Networking’s Airheads Community is a great place to connect, innovate, and share with some of the sharpest enthusiasts in the networking industry. You’ll get access to discussion forums, expert articles, and cutting-edge content. Learn more at arubanetworks.com/airheads-community/

**Customer first, customer last support**

HPE Aruba Networking products that are assigned an HPE Aruba Networking Central subscription are fully supported and include:

- 24x7 priority technical support for troubleshooting.
- Software updates and upgrades for HPE Aruba Networking Central and all HPE Aruba Networking hardware products managed by HPE Aruba Networking Central.
- Options to upgrade parts replacement for all hardware managed by HPE Aruba Networking Central with a Foundation Care for HPE Aruba Networking contract for either next business day exchange or 4-hour onsite repair and replacement.

In addition to hardware replacement options, you can also optionally add HPE Aruba Networking Pro Care for fast access to senior HPE Aruba Networking TAC Engineers, who are assigned as a single point of contact for case management, reducing the time spent addressing and resolving issues.

For complete details on Foundation Care and HPE Aruba Networking Pro Care, please visit: arubanetworks.com/support-services/

**Design, deployment, migration, and management services**

HPE Aruba Networking Professional Services can help you rapidly deploy HPE Aruba Networking Central and other components of HPE Aruba Networking ESP with QuickStart Services that provide expert audit, design, and deployment or migration assistance following HPE Aruba Networking best practices. HPE Aruba Networking AirWave customers migrating to HPE Aruba Networking Central can take advantage of our pre-defined migration service. Contact your HPE Aruba Networking sales representative for more information.

You can also optimize your deployments across the technology lifecycle to maximize value with Proactive Engineering Services, providing technology management and easy renewal or expansion services. Learn more here.

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1 Live chat is under select availability. Contact your Aruba sales rep for more details.
### Table 1. HPE Aruba Networking Central Deployment Model Comparison

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<td>Scale</td>
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<td>Network Insights</td>
<td>Wi-Fi, Wired, SD-WAN</td>
<td>Wi-Fi Health Insights</td>
</tr>
<tr>
<td>AI Search</td>
<td>✓</td>
<td>N/A</td>
</tr>
<tr>
<td>AI Assist/Live Chat</td>
<td>✓</td>
<td>N/A</td>
</tr>
<tr>
<td>UXI Integration</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Dynamic Segmentation</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>WAN Support</td>
<td>SD-WAN/SD-Branch</td>
<td>N/A</td>
</tr>
<tr>
<td>APIs/Webhooks</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td><strong>Miscellaneous</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Professional Services</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Managed Service Provider Mode</td>
<td>Optional</td>
<td>N/A</td>
</tr>
</tbody>
</table>
## Table 2. HPE Aruba Networking Central On-Premises Appliance Technical Specifications

<table>
<thead>
<tr>
<th>Category</th>
<th>Service Capability</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Day 0 and Day 1 Services</strong></td>
<td>Installation</td>
<td>Rack and stack of server infrastructure based on an HPE Aruba Networking-provided design blueprint</td>
</tr>
<tr>
<td>(Quick Start Service for strategy, assessment, design, and deployment)</td>
<td>Migration</td>
<td>Based on an HPE Aruba Networking-provided migration blueprint</td>
</tr>
<tr>
<td></td>
<td>Deployment and Configuration</td>
<td>Deployment and configuration of all software</td>
</tr>
<tr>
<td></td>
<td>Knowledge Transfer</td>
<td>Training for customer stakeholders with high-level and low-level design docs</td>
</tr>
<tr>
<td><strong>Day 2 Services</strong></td>
<td>Software Upgrades</td>
<td>Major, minor, and patch upgrades completed by HPE Aruba Networking IT Ops</td>
</tr>
<tr>
<td>(Intelligent Operations Subscription for ongoing management and optimization)</td>
<td>System Status and Solution Performance</td>
<td>Proactive tuning and optimization to avoid outages</td>
</tr>
<tr>
<td></td>
<td>Hardware Status</td>
<td>24x7 active monitoring of solution by HPE Aruba Networking IT Ops</td>
</tr>
<tr>
<td></td>
<td>Adoption of New Capabilities</td>
<td>Monthly assessment with designated Customer Success Manager to evaluate usage and determine appropriate change windows</td>
</tr>
</tbody>
</table>

Note: Certain features captured in this data sheet may not yet be available in your region. With each new software release of HPE Aruba Networking Central, there is a rolling cadence of availability based on the location of each global production cluster. For more details, please refer to the [HPE Aruba Networking Central Help Center](url) or contact your HPE Aruba Networking sales representative.