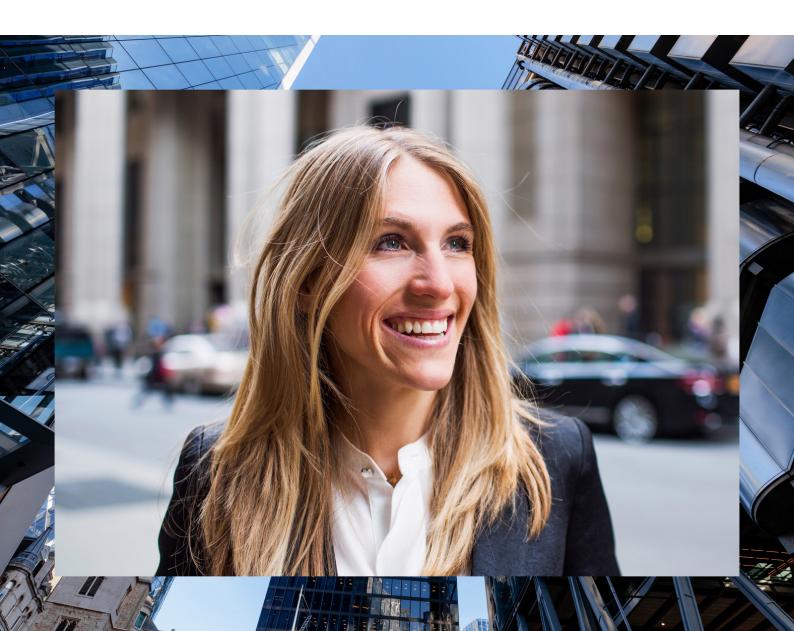# HPE Aruba Networking Central SaaS subscriptions

About HPE Aruba Networking Central

HPE Aruba Networking Central is a powerful cloud-managed networking solution that dramatically simplifies today's IT operations across branch, campus, data center, and remote worker locations. As the management and orchestration engine for Aruba ESP (Edge Services Platform), HPE Aruba Networking Central provides a single point of control to deploy, manage, and optimize every aspect of wireless, wired, and WAN infrastructure by delivering AI-powered analytics, end-to-end workflow automation and orchestration, and advanced security features. The solution is now integrated with HPE GreenLake, providing a consistent operating model and single platform for IT executives to view and manage their compute, storage, and networking infrastructure for unmatched efficiency and improved cost controls.

HPE Aruba Networking Central SaaS subscription overview: simple, flexible ordering

HPE Aruba Networking Central is licensed on a per-device basis for the Aruba access points, switches, and gateways that you wish to manage within your environment.

Subscription licenses are available in two tiers—Foundation and Advanced—and come with 1-, 3-, 5-, 7-, or 10-year terms.

This framework provides a simple, yet flexible purchasing experience for every area of networking while making it easy to align requirements for AIOps, security, and other desired features to both current and future budgets.

In addition, flexible consumption options and payment models are available with the as-a-Service (aaS) SKUs for access points, switches, and gateways. The flexible consumption options include delayed activation for up to 90 days, license co-termination, mid-cycle tier upgrade, and seamless license renewal. Learn more about flexible consumption options.

Note:

The Foundation and Advanced subscription features described in this ordering guide are also applicable to the aaS SKUs. The as-a-Service SKUs end with 'AAS' and are listed separately in the ordering information tables.

HPE Aruba Networking Central on-premises

For customers who want the agility and efficiency of the cloud but need to adhere to stringent regulatory and compliance requirements, an on-premises version of HPE Aruba Networking Central is also available. HPE Aruba Networking Central On-Premises is a powerful network management system designed to simplify the deployment and maintenance of wireless and wired networks at scale. It delivers a cloud-like management experience for organizations that need to improve IT agility and efficiency, while also satisfying regulatory or compliance requirements.

The solution is comprised of two primary components:

1. Physical server-based appliances that run in a customer's data center environment.

2. Software subscriptions that enable management features for supported Aruba devices.

Please refer to the HPE Aruba Networking Central On-Premises Ordering Guide, which contains ordering information, supported devices, additional technical specifications, deployment options and sample bills of materials.

HPE Aruba Networking Central SaaS subscriptions for access points

Table 1 provides a mapping of available features that are supported in the Foundation and Advanced subscription tiers for supported Aruba access points when running ArubaOS 10.

Note:

Services that require a gateway are not supported in Instant AOS running on Central. These include Live Upgrade, Multi-zone, L2/L3 roaming, and Unified SD-Branch monitoring and configuration. AOS 10 and Central support the new EdgeConnect Microbranch solution; Instant 8.x and Central support IAP VPN.

For a list of supported Instant APs and supported APs for AOS 10.x, please refer to the Help Center documentation.

Table 1. Features for AP central foundation and advanced subscriptions

Features	Foundation	Advanced
Deployment and configuration		
UI- and template-based group configuration Simplify deployment with template-based configuration and streamlined provisioning of devices or groups of devices.	√	√
Auto-commit Apply configuration changes instantly with the auto-commit state enabled.	√	√
Configuration audit Review device configuration changes including errors and device-level overrides on an audit dashboard.	√	√
Monitoring and reporting		
Network health and Wi-Fi connectivity dashboards Review network health, summary, and Wi-Fi connectivity dashboards for an overall view of network performance and connectivity status for each client endpoint.	√	√
Network topology Graphical representation of the site network layout with details of all devices being managed, including APs, AOS-Switch, AOS-CX switches, and third-party devices.	√	√
Visual RF floorplans Ability to plan wireless coverage of sites and create AP floorplans with a real-time view of the radio environment of your wireless network.	√	√
Client list and details Review unified list of all clients that are connected to access points, switches, or gateways in the network with performance status, connection status, and more.	√	√
Application visibility Allows for the creation of application-specific firewall policies and includes features such as deep packet inspection (DPI) and application-level monitoring to assess user-impacting issues.	√	√
Web Content Classification (WebCC) Web Content Classification, policy, and reputation service that helps enforce acceptable network usage policies, including blocking or rate-limiting certain connections.	√	√
Data access • Access to all the above monitoring data for up to 30 days • Access to reporting data for up to 90 days • Access to historical Client Summary Report data for up to 1 year	√	√
Audit trail Review total number of logs generated for all device management, configuration, and user management events triggered in the network.	√	√
Alerts and events Unified dashboard view of generated alerts and events that pertain to device provisioning, configuration, and user management.	√	√
Access, spectrum, monitor mode of radio operations Supports the access, spectrum, and monitor modes that determine radio operation for an AP.	√	√
UXI sensor integration 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.	√	√

Table 1. Features for AP central foundation and advanced subscriptions

Features	Foundation	Advanced
AirSlice RF technology designed to optimize user experience for latency-sensitive, high-bandwidth applications such as IoT, voice, and video by dynamically allocating radio resources like time, frequency, and spatial streams.		√
AIOps		
AI Search Natural language processing (NLP) engine that combs the HPE Aruba Networking Central cloud data lake and enables operators to quickly locate specific clients, devices, and infrastructure connected to the network based on plain-language search criteria (e.g., poor Wi-Fi connectivity). Also retrieves relevant help or support documentation for operational ease.	√	√
AI Insights Automatically detect a broad range of anomalies observed at the access point, connectivity, and client level with specific details on the occurrences for faster troubleshooting, root cause analysis, and incident resolution. Includes: • Wi-Fi Connectivity • Wireless Quality • Access Point Availability • Class and Company Baselines Examples for Aruba APs and connected clients include: AP with High CPU Utilization, AP with High Number of Reboots, Clients with High Roaming Latency, Delayed DNS Request or Response, and Clients with High Number of Wi-Fi Association Failures. View the full list here.	√	√
AI Insights (advanced) Advanced insights for Wireless Quality include: • Outdoor clients impacting Wi-Fi performance • Coverage Hole Detection • Transmit power optimization		√
AI Assist Dynamically runs CLI show commands and generates logs that can be used to troubleshoot AP-related issues.	√	√
AI Assist (advanced) Option that automatically notifies Aruba TAC and sends the generated logs for accelerated support case management.		√
Troubleshooting		
Troubleshooting tools • Network Check—Run diagnostic checks on networks and troubleshoot client connectivity issues. • CLI Commands—Perform network health check at an advanced level using command categories.	√	√
Live events Information required to troubleshoot issues related to a client, an access point, or a site in real time.	√	√
Live Packet Capture (PCAP) Allows users to interact and launch a targeted packet capture on a client connected to a specific AP or a switch to measure application response time to determine quality of experience for end users.	√	√
Wireless services		
AirGroup Leverages zero configuration networking to enable services such as Apple® AirPrint, AirPlay, DIAL, DLNA Media, DLNA Print, Amazon Fire TV, and Google Cast from third-party devices in an efficient manner.	√	√

Table 1. Features for AP central foundation and advanced subscriptions

Features	Foundation	Advanced
Advanced AirGroup services • Custom services		√
AirMatch Automates RF channel assignment, channel width, and radio power assignments using machine learning algorithms. Provides even distribution of radios across available channels to mitigate interference and maximize system capacity.	√	√
ClientMatch Patented RF optimization technology that scans APs in the neighborhood to ensure that client devices associate with the best performing AP.	√	√
Presence analytics Enables businesses to collect and analyze user presence data and real-time data on user footprints in public venues, enterprise environments, and retail hubs.	√	√
IoT operations Unifies visibility of wireless and IoT infrastructure by providing at-a-glance views of IoT applications and BLE and Zigbee devices on the network. Install IoT application plugins and provision IoT Connectors (deployed as virtual appliances) in just a few mouse clicks. APs can also be deployed as IoT connectors. This reduces the cost of managing and maintaining separate IoT connectors and provides IT operators the flexibility to choose between APs or VMs. Note: Certain AOS 10-specific partner integrations require an Advanced License.	√	√
Air Pass Provides seamless Wi-Fi connectivity for SIM enabled cellular devices for major mobile operators to enable Wi-Fi calling and to offload 5G/LTE traffic to enterprise wireless networks. Notes: • Currently available in US only • AP Foundation license supports a single mobile operator • AP Advanced license supports all participating providers	√	√
Unified Communications and Collaboration (UCC) Enables a seamless user experience for voice calls, video calls, and application-sharing when using communication and collaboration tools. Provides network administrators a consolidated view of how media collaboration applications are performing.		√
Multi-zone Ideal for multi-tenancy Wi-Fi support where multiple organizations are housed in a single office space or for a single organization that requires separate secure networks and traffic segmentation capabilities.		√
Security		
RAPIDS Enables HPE Aruba Networking Central to quickly identify and act on interfering APs in the network that can be later considered for investigation, restrictive action, or both. Custom rules can be used to classify APs into 7 different categories with RAPIDS.	√	√
Cloud Guest Cloud Guest access enables the guest users to connect to the network. A monitoring dashboard that displays the number of guests, guest SSID, client count, type of clients, and guest connection.	√	√
Cloud authentication Provides a seamless, secure way to onboard and authenticate end-users and non-user specific devices (cameras, thermostats, IP phones, etc.) to wireless networks by integrating with common cloud identity stores such as Google Workspace and Microsoft Azure Directory using passwords/passphrases.	√	√

Table 1. Features for AP central foundation and advanced subscriptions

Features	Foundation	Advanced
Client insights Enables network and security administrators to discover, monitor, and automatically classify new and existing client devices that connect to a network. Features include : • Basic client MAC Classification based on telemetry data • Client Family, Client Category, Client OS • ML-based client classification • Cloud Auth integration	√	√
API		
Northbound (NB) API 5000 API calls/day base limit which dynamically increases based on the subscribed device count.	√	√
Streaming API Enables you to subscribe to a select set of topics, instead of polling the NB API to get continuous state and stats messages. Also enables you to write value-added applications based on the aggregated context (e.g., get notified of events such as the UP and DOWN status of devices).		√
EdgeConnect MicroBranch		
EdgeConnect MicroBranch foundation Enables availability, orchestration, security, and monitoring features such as: • Layer 2, layer 3 and mixed tunnels • Data Center and WAN redundancy • Cloud Auth survivability • Route or tunnel orchestration • Policy-based routing • Dynamic subnet allocation • Microbranch monitoring	√	√
EdgeConnect Microbranch advanced Includes the above capabilities and also enables WAN health visibility and Cloud connect security for cloud inspection (eg: Zscaler)		√

Table 2. HPE Aruba Networking Central AP subscription SKUs

SKU	Description
Foundation AP subscription SKUs	
Q9Y58AAE	HPE Aruba Networking Central AP Foundation 1 year Subscription E-STU
Q9Y59AAE	HPE Aruba Networking Central AP Foundation 3 year Subscription E-STU
Q9Y60AAE	HPE Aruba Networking Central AP Foundation 5 year Subscription E-STU
Q9Y61AAE	HPE Aruba Networking Central AP Foundation 7 year Subscription E-STU
Q9Y62AAE	HPE Aruba Networking Central AP Foundation 10 year Subscription E-STU
Q9Y58AAS	HPE Aruba Networking Central AP Foundation 1 year Subscription SaaS

Table 2. HPE Aruba Networking Central AP subscription SKUs

SKU	Description
Q9Y59AAS	HPE Aruba Networking Central AP Foundation 3 year Subscription SaaS
Q9Y60AAS	HPE Aruba Networking Central AP Foundation 5 year Subscription SaaS
Q9Y61AAS	HPE Aruba Networking Central AP Foundation 7 year Subscription SaaS
Q9Y62AAS	HPE Aruba Networking Central AP Foundation 10 year Subscription SaaS
Advanced AP subscription SKUs	
Q9Y63AAE	HPE Aruba Networking Central AP Advanced 1 year Subscription E-STU
Q9Y64AAE	HPE Aruba Networking Central AP Advanced 3 year Subscription E-STU
Q9Y65AAE	HPE Aruba Networking Central AP Advanced 5 year Subscription E-STU
Q9Y66AAE	HPE Aruba Networking Central AP Advanced 7 year Subscription E-STU
Q9Y67AAE	HPE Aruba Networking Central AP Advanced 10 year Subscription E-STU
Q9Y63AAS	HPE Aruba Networking Central AP Advanced 1 year Subscription SaaS
Q9Y64AAS	HPE Aruba Networking Central AP Advanced 3 year Subscription SaaS
Q9Y65AAS	HPE Aruba Networking Central AP Advanced 5 year Subscription SaaS
Q9Y66AAS	HPE Aruba Networking Central AP Advanced 7 year Subscription SaaS
Q9Y67AAS	HPE Aruba Networking Central AP Advanced 10 year Subscription SaaS

Use cases for Central Advanced AP subscriptions

AP Foundation subscriptions address a wide range of use cases at the base price for HPE Aruba Networking Central. However, several premium features may be desirable, which are only available with an AP Advanced subscription. Please refer to the sample list of use cases below.

1. Higher availability: Selecting Advanced AP subscriptions enables Live Upgrades, eliminating the risk of downtime during maintenance windows.

2. Self-remediating workflows: Selecting Advanced AP subscriptions enables closed-loop automation with AI Insights such as "Outdoor clients impacting Wi-Fi performance" where Central can programmatically push configuration changes once the network deviates from desired behavior.

3. Better visibility into Unified Communications and Collaboration apps: Selecting Advanced subscriptions enables the UCC service within HPE Aruba Networking Central, so you can ensure the productivity of your distributed workforce by more easily monitoring and troubleshooting the health, usage, and user experience of key applications such as Zoom, Microsoft Teams, and more.

4. Programmability via streaming APIs: Selecting Advanced subscriptions enables API Streaming, which provides a continuous stream of data that includes device statistics and state changes for developing dynamic and interactive applications. Telemetry from Central can also be shared with third party solutions enabling IT teams to automatically trigger actions based on certain events or conditions.

5. WAN health and cloud security orchestration for Microbranch: Selecting Advanced subscriptions provides greater visibility into WAN health and orchestration with cloud security vendors (Zscaler with others planned).

HPE Aruba Networking Central SaaS subscriptions for wireless gateways

In AOS 10, all Edge appliances are referred to as gateways rather than controllers since they act as a cloud gateway for wireless services that are deployed within Central.

For wireless use cases, gateways are typically deployed in networks with thousands or tens of thousands of access points for improved scalability, seamless roaming between buildings, or for environments that require enhanced security services. Please refer to the list of supported gateways.

Read the Aruba Gateways Use Cases at-a-glance document for more details.

Table 3. Features for HPE Aruba Networking Central WLAN gateway subscriptions

Feature category	Feature
SD-LAN	**Gateway clustering** Combines multiple gateways that operate as a single entity to provide high availability and service continuity across a wireless network.
	Tunneling Tunneling traffic from wireless and wired clients.
	Routing Traffic can be routed using both static routing and OSPF.
Configuration	**Mobility gateway management** Enables onboarding, configuration, deployment, monitoring, and general management of Aruba wireless gateways.
	UI- and template-based group configuration Simplify deployment with template-based configuration and streamline provisioning of devices or groups of devices.
	Configuration audit Review device configuration changes including errors and device-level overrides on an audit dashboard.
Monitoring and reporting	**Network health and summary dashboards** Review wired network performance to gain an overall view of the health status of all switches and connected clients.
	Network topology Graphical representation of the site network layout with details of all devices being managed, including AOS switches, AOS-CX switches, Aruba APs, Aruba gateways, and third-party devices.
	Client list and details Review unified list of all clients that are connected to access points, switches, or gateways in the network with performance status, connection status and more.
	Application visibility Allows for the creation of application-specific firewall policies and includes features such as deep packet inspection (DPI) and application-level monitoring to assess user-impacting issues.
	Web Content Classification Enhances security by providing real-time web content and reputation filtering. Enables you to classify website content based on reputation and take measures to block malicious sites.
	Data access • Access to all Monitoring and reporting data for up to 90 days. • Access to historical Client Summary Report data for up to one year.

Table 3. Features for HPE Aruba Networking Central WLAN gateway subscriptions

Feature category	Feature
	Audit trail Review total number of logs generated for all device management, configuration, and user management events triggered in the network.
	Alerts and events Unified dashboard view of generated alerts and events pertaining to device provisioning, configuration, and user management.
AIOps	**AI Search** Natural language processing (NLP) engine that combs the HPE Aruba Networking Central cloud data lake and enables operators to quickly locate specific clients, devices, and infrastructure connected to the network based on plain-language search criteria (e.g., gateway down). Also retrieves relevant help or support documentation for operational ease.
	AI Insights Automatically detect a broad range of anomalies observed at the wireless gateway level with specific details on the occurrences for faster troubleshooting. • Includes availability insights such as Gateway Has High Memory Usage or High CPU Usage. • Class and company baselines are also supported.
	AI Assist Dynamically runs CLI show commands and generates logs that can be used to troubleshoot gateway-related issues.
Troubleshooting	**Troubleshooting tools** • Network Check—Run diagnostic checks on networks and troubleshoot client connectivity issues. • CLI Commands—Perform network health check at an advanced level using command categories.
	Live events Information required to troubleshoot issues related to a client issue in real time.
API	**Northbound (NB) API** 5000 API calls/day base limit which dynamically increases based on the subscribed device count.
	Streaming API Enables you to subscribe to a select set of topics, instead of polling the NB API to get continuous state and stats messages. Also enables you to write value-added applications based on the aggregated context (e.g., get notified of events such as the UP and DOWN status of devices).
Security	**Central NetConductor Fabric Wizard** Enables the creation of EVPN/VXLAN overlays with an intuitive, graphical user interface to aid the adoption of role-based policies and Dynamic Segmentation at global scale with distributed enforcement for both campus and data center environments.

Table 4. HPE Aruba Networking wireless gateway subscription SKUs

SKU	Description
Wireless gateway subscription SKUs	
S0U81AAE	HPE Aruba Networking 90/70xx Gateway WLAN Advanced 1-year Subscription E-STU
S0U82AAE	HPE Aruba Networking 90/70xx Gateway WLAN Advanced 3-year Subscription E-STU
S0U83AAE	HPE Aruba Networking 90/70xx Gateway WLAN Advanced 5-year Subscription E-STU

Table 4. HPE Aruba Networking wireless gateway subscription SKUs

SKU	Description
S0U84AAE	HPE Aruba Networking 90/70xx Gateway WLAN Advanced 7-year Subscription E-STU
S0U85AAE	HPE Aruba Networking 90/70xx Gateway WLAN Advanced10-year Subscription E-STU
S0U91AAE	HPE Aruba Networking 91xx Gateway WLAN Advanced 1-year Subscription E-STU
S0U92AAE	HPE Aruba Networking 91xx Gateway WLAN Advanced 3-year Subscription E-STU
S0U93AAE	HPE Aruba Networking 91xx Gateway WLAN Advanced 5-year Subscription E-STU
S0U94AAE	HPE Aruba Networking 91xx Gateway WLAN Advanced 7-year Subscription E-STU
S0U95AAE	HPE Aruba Networking 91xx Gateway WLAN Advanced 10-year Subscription E-STU
S0V01AAE	HPE Aruba Networking 92/72xx Gateway WLAN Advanced 1-year Subscription E-STU
S0V02AAE	HPE Aruba Networking 92/72xx Gateway WLAN Advanced 3-year Subscription E-STU
S0V03AAE	HPE Aruba Networking 92/72xx Gateway WLAN Advanced 5-year Subscription E-STU
S0V04AAE	HPE Aruba Networking 92/72xx Gateway WLAN Advanced 7-year Subscription E-STU
S0V05AAE	HPE Aruba Networking 92/72xx Gateway WLAN Advanced 10-year Subscription E-STU
R4G90AAE	HPE Aruba Networking Central WLAN Gateway Foundation 1 year Subscription E-STU
R4G91AAE	HPE Aruba Networking Central WLAN Gateway Foundation 3 year Subscription E-STU
R4G92AAE	HPE Aruba Networking Central WLAN Gateway Foundation 5 year Subscription E-STU
R4G93AAE	HPE Aruba Networking Central WLAN Gateway Foundation 7 year Subscription E-STU
R4G94AAE	HPE Aruba Networking Central WLAN Gateway Foundation 10 year Subscription E-STU
R4G90AAS	HPE Aruba Networking Central WLAN Gateway 1 year Subscription SaaS
R4G91AAS	HPE Aruba Networking Central WLAN Gateway 3 year Subscription SaaS
R4G92AAS	HPE Aruba Networking Central WLAN Gateway 5 year Subscription SaaS
R4G93AAS	HPE Aruba Networking Central WLAN Gateway 7 year Subscription SaaS
R4G94AAS	HPE Aruba Networking Central WLAN Gateway 10 year Subscription SaaS

HPE Aruba Networking Central subscriptions for Aruba switches

Table 5 provides a mapping of available features that are supported in the Foundation and Advanced subscription tiers for all supported Aruba switches. Please refer to the HPE Aruba Networking Central Help Center for a list of supported switches.

Switch subscriptions are divided into sub-categories based on the family of switches and their respective number of ports, advanced routing features, and required software support, among other factors.

These subscriptions apply to both ArubaOS switches and Aruba CX switches, though there are some management feature differences, as outlined in the table below.

Table 5. Features for Central switch foundation and advanced subscriptions

Features	Switch support	Foundation	Advanced
Deployment and configuration			
UI- and template-based group configuration Simplify deployment with template-based configuration and streamlined provisioning of devices or groups of devices. Easily configure a wide range of parameters including system properties, SNMP, ports and link aggregation, loop prevention, VLANs, interfaces, access control, bridging, and more. Refer Configuring AOS-Switches and Configuring AOS-CX Switches for more information.	Aruba CX and Aruba AOS	√	√
Auto-Commit Apply configuration changes instantly with the auto-commit state enabled.	Aruba CX and Aruba AOS	√	√
Configuration audit Review device configuration changes including errors and device-level overrides on an audit dashboard.	Aruba CX and Aruba AOS	√	√
Multi-editor configuration Update multiple switches at the same time, validate changes are conformant, and instantly push them across all target devices. Also includes express configs for common changes that require only a few simple mouse clicks to validate and deploy.	Aruba CX	√	√
Port profiles Extensive port configuration applied on multiple switches at once with port profiles.	Aruba CX	√	√
Stack management Simplify management of an AOS-CX Virtual Switching Framework (VSF) stack, with support for onboarding both pre-configured and new stacks, adding/removing members, UI- and template-based configuration, as well as monitoring and troubleshooting.	Aruba CX	√	√
Central NetConductor Network Wizard A guided set-up that simplifies and streamlines creation of campus and datacenter underlay networks comprising of CX switches with minimum user inputs, helping IT teams build networks with minimum effort.	Aruba CX		√
Monitoring and reporting			
Network health and summary dashboards Review wired network performance to gain an overall view of the health status of all switches and connected clients.	Aruba CX and Aruba AOS	√	√
Network topology Graphical representation of the site network layout with details of all devices being managed, including AOS-switch switches, AOS-CX switches, Aruba APs, Aruba gateways, and third-party devices.	Aruba CX and Aruba AOS	√	√
Switch monitoring Granular insights into the performance, status, and utilization of all components of the switch, including ports, PoE, VLANs, LAGs, and more.	Aruba CX and Aruba AOS	√	√
NAE agent/monitoring support Create and deploy monitoring agents using the Aruba Network Analytics Engine (NAE) that is built into everyselect Aruba CX switches. View the aggregated status of the NAE agents running on each switch from Central for additional monitoring and troubleshooting support.	Aruba CX	√	√
Client list and details Review unified list of all clients that are connected to access points, switches, or gateways in the network with performance status, connection status, and more.	Aruba CX and Aruba AOS	√	√

Table 5. Features for Central switch foundation and advanced subscriptions

Features	Switch support	Foundation	Advanced
Data access • Access to all the above monitoring data for up to 30 days • Access to reporting data for up to 90 days • Access to historical Client Summary Report data for up to one year	Aruba CX and Aruba AOS	√	√
Audit trail Review total number of logs generated for all device management, configuration, and user management events triggered in the network.	Aruba CX and Aruba AOS	√	√
Alerts and events Unified dashboard view of generated alerts and events pertaining to device provisioning, configuration, and user management.	Aruba CX and Aruba AOS	√	√
AIOps			
AI Search Natural language processing (NLP) engine that combs the HPE Aruba Networking Central cloud data lake and enables operators to quickly locate specific clients, devices, and infrastructure connected to the network based on plain-language search criteria (e.g., switch down). Also retrieves relevant help or support documentation for operational ease.	Aruba CX and Aruba AOS	√	√
AI Insights Automatically detect a broad range of anomalies observed at the switch, connectivity, and client level with specific details on the occurrences for faster troubleshooting. Examples for Aruba switches include: High CPU Utilization, High Memory Usage, High Port Flaps, High Port Errors, and PoE Errors.	Aruba CX and Aruba AOS	√	√
Troubleshooting			
Troubleshooting tools • Network Check—Run diagnostic checks on networks and troubleshoot client connectivity issues. • CLI Commands—Perform network health check at an advanced level using command categories. • Device Check—Run diagnostic checks on individual switches to test components such as cabling, interfaces, PoE, and the physical location of the switch.	Aruba CX and Aruba AOS	√	√
Live events Information required to troubleshoot issues related to a client, a switch, or a site in real time.	Aruba AOS	√	√
Live Packet Capture (PCAP) Allows users to interact and launch a targeted packet capture on a client connected to a specific switch to measure application response time to determine quality of experience for end users.	Aruba AOS	√	√
Security			
User-based tunneling (UBT) for dynamic segmentation Allows tunneling of wired users traffic from the switches to the gateway based on an assigned user role, to enforce deep packet inspection and firewall functionality, application visibility, and bandwidth control.	Aruba CX and Aruba AOS	√	√
Client insights Enables network and security administrators to discover, monitor, and automatically classify new and existing devices that connect to a network.	Aruba CX	√	√

Table 5. Features for Central switch foundation and advanced subscriptions

Features	Switch support	Foundation	Advanced
Cloud authentication Provides a seamless, secure way to onboard and authenticate clients and users to wired networks by integrating with common cloud identity stores such as Google Workspace and Microsoft Azure Directory.	Aruba CX	√	√
Central NetConductor Fabric Wizard Enables the creation of EVPN/VXLAN overlays with an intuitive, graphical user interface to aid the adoption of role-based policies and Dynamic Segmentation at global scale with distributed enforcement for both campus and data center environments.	Aruba CX		√
API			
Northbound (NB) API 5000 API calls/day base limit which dynamically increases based on the subscribed device count.	Aruba CX and Aruba AOS	√	√
Streaming API Enables you to subscribe to a select set of topics, instead of polling the NB API to get continuous state and stats messages. Also enables you to write value-added applications based on the aggregated context (e.g., get notified of events such as the UP and DOWN status of devices).	Aruba CX and Aruba AOS		√

Note:

Some feature differences may exist across the different switch series that are supported in HPE Aruba Networking Central, and the latest software releases for the AOS-S and AOS-CX operating systems may be required. Contact your Aruba account team for additional details.

Use-cases for Central switch advanced licenses

Enhanced protection and automated configuration with Central NetConductor (available with AOS-CX): Automates network configuration by identifying network topologies, orchestrates intent-based policy globally, provides improved discovery, profiling, network access and authentication control of all connected clients across campus and data-center environments. Selecting Advanced subscriptions (AOS-S and AOS-CX) enables API Streaming, which provides a continuous stream of data that includes device statistics and state changes for developing dynamic and interactive applications. Telemetry from Central can also be shared with third party solutions enabling IT teams to automatically trigger actions based on certain events or conditions.

Table 6. HPE Aruba Networking Central switch subscription SKUs

Category	Switches
Class-switch mapping	
Class 1	6000 series, 6100 series, 4100i, 2530 series, 2540 series, 6200-8 port & 12 port, 2930-8 port & 12 port
Class 2	Non-8 & 12 port 2930 series, Non-8 & 12 port 6200 series
Class 3	All 3810 series, All 6300 series
Class 4	All 5400 series, All 6400 series
Class 5	All 8100 series , All 8320 series, All 8325 series, All 8360 series, All 8400 series, All 9300 series, All 10000 series

Table 6. HPE Aruba Networking Central switch subscription SKUs

SKU	Description
Foundation switch subscription SKUs	
Q9Y68AAE	HPE Aruba Networking Central Switch Class 1 Foundation 1 year Subscription E-STU
Q9Y69AAE	HPE Aruba Networking Central Switch Class 1 Foundation 3 year Subscription E-STU
Q9Y70AAE	HPE Aruba Networking Central Switch Class 1 Foundation 5 year Subscription E-STU
Q9Y71AAE	HPE Aruba Networking Central Switch Class 1 Foundation 7 year Subscription E-STU
Q9Y72AAE	HPE Aruba Networking Central Switch Class 1 Foundation 10 year Subscription E-STU
Q9Y73AAE	HPE Aruba Networking Central Switch Class 2 Foundation 1 year Subscription E-STU
Q9Y74AAE	HPE Aruba Networking Central Switch Class 2 Foundation 3 year Subscription E-STU
Q9Y75AAE	HPE Aruba Networking Central Switch Class 2 Foundation 5 year Subscription E-STU
Q9Y76AAE	HPE Aruba Networking Central Switch Class 2 Foundation 7 year Subscription E-STU
Q9Y77AAE	HPE Aruba Networking Central Switch Class 2 Foundation 10 year Subscription E-STU
Q9Y78AAE	HPE Aruba Networking Central Switch Class 3 Foundation 1 year Subscription E-STU
Q9Y79AAE	HPE Aruba Networking Central Switch Class 3 Foundation 3 year Subscription E-STU
Q9Y80AAE	HPE Aruba Networking Central Switch Class 3 Foundation 5 year Subscription E-STU
Q9Y81AAE	HPE Aruba Networking Central Switch Class 3 Foundation 7 year Subscription E-STU
R3K02AAE	HPE Aruba Networking Central Switch Class 3 Foundation 10 year Subscription E-STU
R8L80AAE	HPE Aruba Networking Central Switch Class 4 Foundation 1 year Subscription E-STU
R8L81AAE	HPE Aruba Networking Central Switch Class 4 Foundation 3 year Subscription E-STU
R8L82AAE	HPE Aruba Networking Central Switch Class 4 Foundation 5 year Subscription E-STU
R8L83AAE	HPE Aruba Networking Central Switch Class 4 Foundation 7 year Subscription E-STU
R8L84AAE	HPE Aruba Networking Central Switch Class 4 Foundation 10 year Subscription E-STU
R3K03AAE	HPE Aruba Networking Central Switch Class 5 Foundation 1 year Subscription E-STU
R3K04AAE	HPE Aruba Networking Central Switch Class 5 Foundation 3 year Subscription E-STU
R3K05AAE	HPE Aruba Networking Central Switch Class 5 Foundation 5 year Subscription E-STU
R3K06AAE	HPE Aruba Networking Central Switch Class 5 Foundation 7 year Subscription E-STU
R3K07AAE	HPE Aruba Networking Central Switch Class 5 Foundation 10 year Subscription E-STU

Table 6. HPE Aruba Networking Central switch subscription SKUs

SKU	Description
Advanced switch subscription SKUs	
JZ525AAE	HPE Aruba Networking Central Switch Class 1 Advanced 1 year Subscription E-STU
JZ526AAE	HPE Aruba Networking Central Switch Class 1 Advanced 3 year Subscription E-STU
JZ527AAE	HPE Aruba Networking Central Switch Class 1 Advanced 5 year Subscription E-STU
JZ528AAE	HPE Aruba Networking Central Switch Class 1 Advanced 7 year Subscription E-STU
JZ529AAE	HPE Aruba Networking Central Switch Class 1 Advanced 10 year Subscription E-STU
JZ530AAE	HPE Aruba Networking Central Switch Class 2Advanced 1 year Subscription E-STU
JZ531AAE	HPE Aruba Networking Central Switch Class 2Advanced 3 year Subscription E-STU
JZ532AAE	HPE Aruba Networking Central Switch Class 2 Advanced 5 year Subscription E-STU
JZ533AAE	HPE Aruba Networking Central Switch Class 2 Advanced 7 year Subscription E-STU
JZ534AAE	HPE Aruba Networking Central Switch Class 2 Advanced 10 year Subscription E-STU
JZ535AAE	HPE Aruba Networking Central Switch Class 3 Advanced 1 year Subscription E-STU
JZ536AAE	HPE Aruba Networking Central Switch Class 3 Advanced 3 year Subscription E-STU
JZ537AAE	HPE Aruba Networking Central Switch Class 3 Advanced 5 year Subscription E-STU
JZ538AAE	HPE Aruba Networking Central Switch Class 3 Advanced 7 year Subscription E-STU
JZ539AAE	HPE Aruba Networking Central Switch Class 3 Advanced 10 year Subscription E-STU
S0T66AAE	HPE Aruba Networking Central Switch Class 4 Advanced 1 year Subscription E-STU
S0T68AAE	HPE Aruba Networking Central Switch Class 4 Advanced 3 year Subscription E-STU
S0T70AAE	HPE Aruba Networking Central Switch Class 4 Advanced 5 year Subscription E-STU
S0T72AAE	HPE Aruba Networking Central Switch Class 4 Advanced 7 year Subscription E-STU
S0T74AAE	HPE Aruba Networking Central Switch Class 4 Advanced 10 year Subscription E-STU
JZ540AAE	HPE Aruba Networking Central Switch Class 5 Advanced 1 year Subscription E-STU
JZ541AAE	HPE Aruba Networking Central Switch Class 5 Advanced 3 year Subscription E-STU
JZ542AAE	HPE Aruba Networking Central Switch Class 5 Advanced 5 year Subscription E-STU
JZ543AAE	HPE Aruba Networking Central Switch Class 5 Advanced 7 year Subscription E-STU
JZ544AAE	HPE Aruba Networking Central Switch Class 5 Advanced 10 year Subscription E-STU

Table 6. HPE Aruba Networking Central switch subscription SKUs

SKU	Description
Foundation switch SaaS SKUs	
Q9Y68AAS	HPE Aruba Networking Central Switch Class 1 Foundation 1 year Subscription SaaS
Q9Y69AAS	HPE Aruba Networking Central Switch Class 1 Foundation 3 year Subscription SaaS
Q9Y70AAS	HPE Aruba Networking Central Switch Class 1 Foundation 5 year Subscription SaaS
Q9Y71AAS	HPE Aruba Networking Central Switch Class 1 Foundation 7 year Subscription SaaS
Q9Y72AAS	HPE Aruba Networking Central Switch Class 1 Foundation 10 year Subscription SaaS
Q9Y73AAS	HPE Aruba Networking Central Switch Class 2 Foundation 1 year Subscription SaaS
Q9Y74AAS	HPE Aruba Networking Central Switch Class 2 Foundation 3 year Subscription SaaS
Q9Y75AAS	HPE Aruba Networking Central Switch Class 2 Foundation 5 year Subscription SaaS
Q9Y76AAS	HPE Aruba Networking Central Switch Class 2 Foundation 7 year Subscription SaaS
Q9Y77AAS	HPE Aruba Networking Central Switch Class 2 Foundation 10 year Subscription SaaS
Q9Y78AAS	HPE Aruba Networking Central Switch Class 3 Foundation 1 year Subscription SaaS
Q9Y79AAS	HPE Aruba Networking Central Switch Class 3 Foundation 3 year Subscription SaaS
Q9Y80AAS	HPE Aruba Networking Central Switch Class 3 Foundation 5 year Subscription SaaS
Q9Y81AAS	HPE Aruba Networking Central Switch Class 3 Foundation 7 year Subscription SaaS
R3K02AAS	HPE Aruba Networking Central Switch Class 3 Foundation 10 year Subscription SaaS
R8L80AAS	HPE Aruba Networking Central Switch Class 4 Foundation 1 year Subscription SaaS
R8L81AAS	HPE Aruba Networking Central Switch Class 4 Foundation 3 year Subscription SaaS
R8L82AAS	HPE Aruba Networking Central Switch Class 4 Foundation 5 year Subscription SaaS
R8L83AAS	HPE Aruba Networking Central Switch Class 4 Foundation 7 year Subscription SaaS
R8L84AAS	HPE Aruba Networking Central Switch Class 4 Foundation 10 year Subscription SaaS
R3K03AAS	HPE Aruba Networking Central Switch Class 5 Foundation 1 year Subscription SaaS
R3K04AAS	HPE Aruba Networking Central Switch Class 5 Foundation 3 year Subscription SaaS
R3K05AAS	HPE Aruba Networking Central Switch Class 5 Foundation 5 year Subscription SaaS
R3K06AAS	HPE Aruba Networking Central Switch Class 5 Foundation 7 year Subscription SaaS
R3K07AAS	HPE Aruba Networking Central Switch Class 5 Foundation 10 year Subscription SaaS

Table 6. HPE Aruba Networking Central switch subscription SKUs

SKU	Description
Advanced switch SaaS SKUs	
S0W67AAS	HPE Aruba Networking Central Switch Class 1 Advanced 1 year Subscription SaaS
S0W68AAS	HPE Aruba Networking Central Switch Class 1 Advanced 3 year Subscription SaaS
S0W69AAS	HPE Aruba Networking Central Switch Class 1 Advanced 5 year Subscription SaaS
S0W70AAS	HPE Aruba Networking Central Switch Class 1 Advanced 7 year Subscription SaaS
S0W71AAS	HPE Aruba Networking Central Switch Class 1 Advanced 10 year Subscription SaaS
S0W72AAS	HPE Aruba Networking Central 62/29xx Switch Advanced 1 year Subscription SaaS
S0W73AAS	HPE Aruba Networking Central 62/29xx Switch Advanced 3 year Subscription SaaS
S0W74AAS	HPE Aruba Networking Central 62/29xx Switch Advanced 5 year Subscription SaaS
S0W75AAS	HPE Aruba Networking Central 62/29xx Switch Advanced 7 year Subscription SaaS
S0W76AAS	HPE Aruba Networking Central 62/29xx Switch Advanced 10 year Subscription SaaS
S0W77AAS	HPE Aruba Networking Central 63/38xx Switch Advanced 1 year Subscription SaaS
S0W78AAS	HPE Aruba Networking Central 63/38xx Switch Advanced 3 year Subscription SaaS
S0W79AAS	HPE Aruba Networking Central 63/38xx Switch Advanced 5 year Subscription SaaS
S0W80AAS	HPE Aruba Networking Central 63/38xx Switch Advanced 7 year Subscription SaaS
S0W81AAS	HPE Aruba Networking Central 63/38xx Switch Advanced 10 year Subscription SaaS
S0W82AAS	HPE Aruba Networking Central 64xx/54xx Switch Advanced 1 year Subscription SaaS
S0W83AAS	HPE Aruba Networking Central 64xx/54xx Switch Advanced 3 year Subscription SaaS
S0W84AAS	HPE Aruba Networking Central 64xx/54xx Switch Advanced 5 year Subscription SaaS
S0W85AAS	HPE Aruba Networking Central 64xx/54xx Switch Advanced 7 year Subscription SaaS
S0W86AAS	HPE Aruba Networking Central 64xx/54xx Switch Advanced 10 year Subscription SaaS
S0W87AAS	HPE Aruba Networking Central 8/9/10xxx Switch Advanced 1 year Subscription SaaS
S0W88AAS	HPE Aruba Networking Central 8/9/10xxx Switch Advanced 3 year Subscription SaaS
S0W89AAS	HPE Aruba Networking Central 8/9/10xxx Switch Advanced 5 year Subscription SaaS
S0W45AAS	HPE Aruba Networking Central 8/9/10xxx Switch Advanced 7 year Subscription SaaS
S0W46AAS	HPE Aruba Networking Central 8/9/10xxx Switch Advanced 10 year Subscription SaaS

HPE Aruba Networking Central subscriptions for Aruba SD-Branch gateways

The Aruba EdgeConnect SD-Branch solution is comprised of an HPE Aruba Networking Central SD-WAN software subscription license for each 70xx, 90xx, or 72xx Branch Gateway, as well as the Headend Gateway/Concentrator. The HPE Aruba Networking Central SD WAN Foundation, Foundation Base, and Advanced subscription licenses are described below. The Foundation Base license is applicable for Branch Gateways and not for VPN concentrators (VPNC).

For all 70xx and 72xx Gateways, the Foundation license does not have a capacity limit (i.e., client device limit). However, for the 7005, 7008, 9004 and 9012 Gateways, a Foundation Base Capacity license is available. The 7005, 7008, 9004 and 9012 Foundation Base license is limited to 75 client devices in the branch.

Table 7. HPE Aruba Networking Central subscriptions and platform mapping for Aruba SD-Branch gateways

Foundation tier	Supported gateways	Advanced tier	Supported gateways
Foundation	• 70xx • 72xx • 90xx • 91xx • 92xx	Advanced	• 70xx • 72xx • 90xx • 91xx • 92xx
Foundation base (Limited to 75 client concurrent endpoints in the branch)	• 7005 • 7008 • 9004 • 9004-LTE • 9012	Advanced security	• 90xx
Foundation + security	• 90xx		
Foundation base + security (Limited to 75 client concurrent endpoints in the branch)	• 9004 • 9004-LTE • 9012		

Table 8. HPE Aruba Networking Central management features for Aruba SD-Branch gateways (by license tier)

Features	Foundation	Foundation base	Foundation + security	Foundation base + security	Advanced	Advanced + security
Configuration						
Branch gateway and VPNC management Enables onboarding, configuration, deployment, monitoring, and general management of Aruba gateways and VPN concentrators (VPNCs).	√	√ **Note:** Applicable for Branch gateways only, not for VPNCs	√	√	√	√
Group-based configurations Simplify deployments with hierarchical group/device based configurations to streamline provisioning and operations.	√	√	√	√	√	√

Table 8. HPE Aruba Networking Central management features for Aruba SD-Branch gateways (by license tier)

Features	Foundation	Foundation base	Foundation + security	Foundation base + security	Advanced	Advanced + security
Configuration audit Review device configuration changes including errors and device-level overrides on an audit dashboard.	√	√	√	√	√	√
SD-LAN						
See table 3 in the wireless gateway section for a list of SD-LAN features. The SD-LAN features listed there also apply to EdgeConnect SD-Branch deployments.						
SD-WAN						
IPsec VPN Ensures data flows between networks are encrypted. When configured, the IPsec tunnel to the gateway secures corporate data. **Note:** You can also configure an IPsec tunnel from a virtual gateway using HPE Aruba Networking Central.	√	√	√	√	√	√
Client VPN (VIA) Software download for client devices that enables secure connectivity to enterprise networks by terminating traffic directly to an Aruba virtual or headend gateway. Within Central, operators get full visibility into the connection status, location, data path, and more for monitoring and troubleshooting.	√	√	√	√	√	√
Routing Traffic can be routed across multiple private or public WAN uplinks based on application type and link health, device profile, user role, and destination. Supported protocols include BGP, OSPF and static routes.	√	√	√	√	√	√
Orchestration: tunnel, route, cloud connectivity Provides end-to-end orchestration to easily distribute routes and build scalable and secure VPN tunnels on-demand. The orchestrator service also simplifies the deployment of virtual gateways within AWS and Microsoft Azure public cloud infrastructure by automating cloud discovery, onboarding, and management.	√	√	√	√	√	√

Table 8. HPE Aruba Networking Central management features for Aruba SD-Branch gateways (by license tier)

Features	Foundation	Foundation base	Foundation + security	Foundation base + security	Advanced	Advanced + security
Dynamic path steering (DPS) Intelligently steers network traffic across multiple WAN uplinks. Configured policies determine which WAN link each application should use based on SLAs for users, roles, and destinations, and leverages loss, latency, jitter, and utilization metrics that are updated every few seconds.	√	√	√	√	√	√
Link redundancy Helps ensure high availability so that if one WAN link fails, the other takes over and restores traffic forwarding for continuity of operations.	√	√	√	√	√	√
High availability (active-standby or active-active) Provides a highly available network, where the data center, VPNC, and Gateway failover redundancy features allow network administrators to significantly reduce downtime and traffic disruptions. Supports active-standby or active-active configuration.	√	√	√	√	√	√
Application-based policies Assists in deep packet inspection of application usage by clients. Using this configuration, you can define applications, security, and service aliases, as well as configure Access Control Lists (ACLs) to restrict user access to an application or application category.	√	√	√	√	√	√
Full SD-LAN control Displays a graphical representation of the LAN link availability of a Branch Gateway, and also provides a summary of all the LAN interfaces and port details.	√	√	√	√	√	√
Monitoring and reporting						
Network health and summary dashboards Provides at-a-glance views of the health status of all sites, links, and network devices, including APs, switches, gateways, and connected clients.	√	√	√	√	√	√

Table 8. HPE Aruba Networking Central management features for Aruba SD-Branch gateways (by license tier)

Features	Foundation	Foundation base	Foundation + security	Foundation base + security	Advanced	Advanced + security
Network topology Graphical representation of the site network layout with details of all devices being managed, including AOS switches, AOS-CX switches, Aruba APs, Aruba gateways, and third-party devices.	√	√	√	√	√	√
Client list and device details Review unified list of all clients that are connected to access points, switches, or gateways in the network with performance status, connection status and more.	√	√	√	√	√	√
Application visibility Allows for the creation of application-specific firewall policies and includes features such as deep packet inspection (DPI) and application-level monitoring to assess user-impacting issues.	√	√	√	√	√	√
Web Content Classification (WebCC) Web Content Classification, policy, and reputation service that helps enforce acceptable network usage policies, including blocking or rate-limiting certain connections.	√	√	√	√	√	√
Data access • Access to all monitoring and reporting data for up to 90 days • Access to historical Client Summary Report data for up to one year.	√	√	√	√	√	√
Audit trail Review total number of logs generated for all device management, configuration, and user management events triggered in the network.	√	√	√	√	√	√
Alerts and events Unified dashboard view of generated alerts and events pertaining to device provisioning, configuration, and user management.	√	√	√	√	√	√

Table 8. HPE Aruba Networking Central management features for Aruba SD-Branch gateways (by license tier)

Features	Foundation	Foundation base	Foundation + security	Foundation base + security	Advanced	Advanced + security
AIOps						
AI Search Natural language processing (NLP) engine that combs the HPE Aruba Networking Central cloud data lake and enables operators to quickly locate specific clients, devices, and infrastructure connected to the network based on plain-language search criteria (e.g., poor WAN connectivity. Also retrieves relevant help or support documentation for operational ease.	√	√	√	√	√	√
AI Insights Automatically detect a broad range of anomalies observed at the gateway, WAN link, and client level with specific details on the occurrences for faster troubleshooting. Examples include: Gateway Down, VPNC Down, Tunnel Down, High CPU Utilization, High Memory Utilization, Class and company baselines are also supported.	√	√	√	√	√	√
AI Insights (advanced) Advanced WAN insights include: • Underperforming WAN link in use. • WAN link underperforming compared to peers.					√	√
AI Assist Dynamically runs CLI show commands and generates logs that can be used to troubleshoot gateway-related issues.	√	√	√	√	√	√
AI Assist (advanced) Option that automatically notifies Aruba TAC and sends the generated logs for accelerated support case management.					√	√
Troubleshooting						
Troubleshooting tools • Network check—Run diagnostic checks on networks and troubleshoot client connectivity issues. • CLI commands—Perform network health check at an advanced level using command categories.	√	√	√	√	√	√

Table 8. HPE Aruba Networking Central management features for Aruba SD-Branch gateways (by license tier)

Features	Foundation	Foundation base	Foundation + security	Foundation base + security	Advanced	Advanced + security
Security						
Stateful firewall Provide stateful inspection of packets for an additional layer of security by tracking the state of network connections and using the state information from previous communications to monitor and control new communication attempts.	√	√	√	√	√	√
Web content filtering Enhances branch security by providing real-time web content and reputation filtering. Allows you to classify website content based on reputation and take measures to block malicious sites.	√	√	√	√	√	√
Intrusion detection and prevention Monitors, detects, and prevents threats coming via inbound or outbound traffic, adding an extra layer of security that focuses on users, applications, and network connections. Applicable for 90XX series gateways.			√	√		√
Anti-Malware Anti-malware is built into supported Aruba gateways for additional network protection by scanning, detecting, and preventing threats. Applicable for 90XX series gateways.			√	√		√
Role-based access policy Determines client access based on the user roles assigned to a client. Once the role is assigned, traffic and security policies are applied to devices based on the role.	√	√	√	√	√	√
Security dashboard Provides IT teams with network-wide visibility, multi-dimensional threat metrics, threat intelligence data, correlation and incident management. Applicable for 90XX series gateways.			√	√		√

Table 8. HPE Aruba Networking Central management features for Aruba SD-Branch gateways (by license tier)

Features	Foundation	Foundation base	Foundation + security	Foundation base + security	Advanced	Advanced + security
SIEM integration Threat events can be streamed to Security Information and Events Management (SIEM) systems such as Splunk to provide advanced visibility and monitoring. Applicable for 90XX series gateways.			√	√		√
Client insights Enables network and security administrators to discover, monitor, and automatically classify new and existing devices that connect to a network Foundation License includes: • Basic client MAC Classification based on telemetry data • Client Family, Client Category, Client OS • ML-based client classification • Cloud Auth Integration	√	√	√	√	√	√
Central NetConductor Fabric Wizard Enables an automated mechanism for gateways to exchange sourcerole information to create role to role policies across the SD-WAN environment.					√	√
Services						
SaaS express Discovers SaaS application servers, continuously monitors the health of servers and WAN links, and dynamically steers traffic to the best-available server to improve performance and user experience; includes a drill-down dashboard and Quality of Experience score so IT can analyze SaaS performance issues.					√	√
API						
Northbound (NB) API 5000 API calls/day base limit which dynamically increases based on the subscribed device count.	√	√	√	√	√	√

Table 8. HPE Aruba Networking Central management features for Aruba SD-Branch gateways (by license tier)

Features	Foundation	Foundation base	Foundation + security	Foundation base + security	Advanced	Advanced + security
Streaming API Enables you to subscribe to a select set of services, instead of polling the NB API to get an aggregated state. Also enables you to write value-added applications based on the aggregated context (e.g., get notified of events such as the UP and DOWN status of devices).					√	√

Table 9. SD-WAN foundation subscription SKUs and descriptions

SKU	Description
Foundation 70XX, 72XX, 90XX, 91XX, 92XX	
JZ118AAE	HPE Aruba Networking 90/70xx Gateway Foundation 1yr Subscription E-STU
JZ119AAE	HPE Aruba Networking 90/70xx Gateway Foundation 3yr Subscription E-STU
JZ120AAE	HPE Aruba Networking 90/70xx Gateway Foundation 5yr Subscription E-STU
R0G52AAE	HPE Aruba Networking 90/70xx Gateway Foundation 7yr Subscription E-STU
R0G53AAE	HPE Aruba Networking 90/70xx Gateway Foundation 10yr Subscription E-STU
S0B88AAE	HPE Aruba Networking 91xx Gateway Foundation 1-year Subscription E-STU
S0B89AAE	HPE Aruba Networking 91xx Gateway Foundation 3-year Subscription E STU
S0B90AAE	HPE Aruba Networking 91xx Gateway Foundation 5-year Subscription E-STU
S0B91AAE	HPE Aruba Networking 91xx Gateway Foundation 7-year Subscription E-STU
S0B92AAE	HPE Aruba Networking 91xx Gateway Foundation 10-year Subscription E-STU
JZ195AAE	HPE Aruba Networking 92/72xx Gateway Foundation 1yr Subscription E-STU
JZ196AAE	HPE Aruba Networking 92/72xx Gateway Foundation 3yr Subscription E-STU
JZ197AAE	HPE Aruba Networking 92/72xx Gateway Foundation 5yr Subscription E-STU
R0G60AAE	HPE Aruba Networking 92/72xx Gateway Foundation 7yr Subscription E-STU
R0G61AAE	HPE Aruba Networking 92/72xx Gateway Foundation 10yr Subscription E-STU
JZ118AAS	HPE Aruba Networking 90/70xx Gateway Foundation 1yr Sub SaaS
JZ119AAS	HPE Aruba Networking 90/70xx Gateway Foundation 3yr Sub SaaS

Table 9. SD-WAN foundation subscription SKUs and descriptions

SKU	Description
JZ120AAS	HPE Aruba Networking 90/70xx Gateway Foundation 5yr Sub SaaS
R0G52AAS	HPE Aruba Networking 90/70xx Gateway Foundation 7yr Sub SaaS
R0G53AAS	HPE Aruba Networking 90/70xx Gateway Foundation 10yr Sub SaaS
JZ195AAS	HPE Aruba Networking 92/72xx Gateway Foundation 1yr Sub SaaS
JZ196AAS	HPE Aruba Networking 92/72xx Gateway Foundation 3yr Sub SaaS
JZ197AAS	HPE Aruba Networking 92/72xx Gateway Foundation 5yr Sub SaaS
R0G61AAS	HPE Aruba Networking 92/72xx Gateway Foundation 10yr Sub SaaS

Table 10. SD-WAN foundation base subscription SKUs and descriptions

SKU	Description
Foundation base: 7005, 7008, 9004, 9004-LTE, 9012	
JZ124AAE	HPE Aruba Networking 90/70xx Gateway Foundation Base Capacity 1yr Subscription E-STU
JZ125AAE	HPE Aruba Networking 90/70xx Gateway Foundation Base Capacity 3yr Subscription E-STU
JZ126AAE	HPE Aruba Networking 90/70xx Gateway Foundation Base Capacity 5yr Subscription E-STU
R0G56AAE	HPE Aruba Networking 90/70xx Gateway Foundation Base Capacity 7yr Subscription E-STU
R0G57AAE	HPE Aruba Networking 90/70xx Gateway Foundation Base Capacity 10yr Subscription E-STU
JZ124AAS	HPE Aruba Networking 90/70xx Gateway Foundation Base Capacity 1yr Sub SaaS
JZ125AAS	HPE Aruba Networking 90/70xx Gateway Foundation Base Capacity 3yr Sub SaaS
JZ126AAS	HPE Aruba Networking 90/70xx Gateway Foundation Base Capacity 5yr Sub SaaS
R0G56AAS	HPE Aruba Networking 90/70xx Gateway Foundation Base Capacity 7yr Sub SaaS

Table 11. SD-WAN foundation + security subscription SKUs and descriptions

SKU	Description
Foundation + security: 9004, 9004-LTE, 9012	
R4D98AAE	HPE Aruba Networking 90xx Gateway Foundation plus Security 1yr Subscription E-STU

Table 11. SD-WAN foundation + security subscription SKUs and descriptions

SKU	Description
R4D99AAE	HPE Aruba Networking 90xx Gateway Foundation plus Security 3yr Subscription E-STU
R4E00AAE	HPE Aruba Networking 90xx Gateway Foundation plus Security 5yr Subscription E-STU
R4E01AAE	HPE Aruba Networking 90xx Gateway Foundation plus Security 7yr Subscription E-STU
R4E02AAE	HPE Aruba Networking 90xx Gateway Foundation plus Security 10yr Subscription E-STU
R4D98AAS	HPE Aruba Networking 90xx Gateway Foundation plus Security 1yr Sub SaaS
R4D99AAS	HPE Aruba Networking 90xx Gateway Foundation plus Security 3yr Sub SaaS
R4E00AAS	HPE Aruba Networking 90xx Gateway Foundation plus Security 5yr Sub SaaS
R4E01AAS	HPE Aruba Networking 90xx Gateway Foundation plus Security 7yr Sub SaaS
R4E02AAS	HPE Aruba Networking 90xx Gateway Foundation plus Security 10yr Sub SaaS

Table 12. SD-WAN foundation base + security subscription SKUs and descriptions

SKU	Description
Foundation base + security: 9004, 9004-LTE, 9012	
R4D93AAE	HPE Aruba Networking 90xx Gateway Foundation Base plus Security 1yr Subscription E-STU
R4D94AAE	HPE Aruba Networking 90xx Gateway Foundation Base plus Security 3yr Subscription E-STU
R4D95AAE	HPE Aruba Networking 90xx Gateway Foundation Base plus Security 5yr Subscription E-STU
R4D96AAE	HPE Aruba Networking 90xx Gateway Foundation Base plus Security 7yr Subscription E-STU
R4D97AAE	HPE Aruba Networking 90xx Foundation Base plus Security 10yr Subscription E-STU
R4D93AAS	HPE Aruba Networking 90xx Gateway Foundation Base plus Security 1yr Sub SaaS
R4D94AAS	HPE Aruba Networking 90xx Gateway Foundation Base plus Security 3yr Sub SaaS
R4D95AAS	HPE Aruba Networking 90xx Gateway Foundation Base plus Security 5yr Sub SaaS
R4D96AAS	HPE Aruba Networking 90xx Gateway Foundation Base plus Security 7yr Sub SaaS
R4D97AAS	HPE Aruba Networking 90xx Gateway Foundation Base plus Security 10yr Sub SaaS

Table 13. SD-WAN advanced subscription SKUs and description

SKU	Description
Advanced: 70XX, 72XX, 90XX, 91XX and 92XX	
JZ121AAE	HPE Aruba Networking 90/70xx Gateway Advanced 1yr Subscription E-STU
JZ122AAE	HPE Aruba Networking 90/70xx Gateway Advanced 3yr Subscription E-STU
JZ123AAE	HPE Aruba Networking 90/70xx Gateway Advanced 5yr Subscription E-STU
R0G54AAE	HPE Aruba Networking 90/70xx Gateway Advanced 7yr Subscription E-STU
R0G55AAE	HPE Aruba Networking 90/70xx Gateway Advanced 10yr Subscription E-STU
S0B98AAE	HPE Aruba Networking 91xx Gateway Advanced 1-year Subscription E STU
S0B99AAE	HPE Aruba Networking 91xx Gateway Advanced 3-year Subscription E STU
S0C00AAE	HPE Aruba Networking 91xx Gateway Advanced 5-year Subscription E STU
S0C01AAE	HPE Aruba Networking 91xx Gateway Advanced 7-year Subscription E STU
S0C02AAE	HPE Aruba Networking 91xx Gateway Advanced 10-year Subscription E STU
JZ198AAE	HPE Aruba Networking 92/72xx Gateway Advanced 1-year Subscription E-STU
JZ199AAE	HPE Aruba Networking 92/72xx Gateway Advanced 3-year Subscription E-STU
JZ200AAE	HPE Aruba Networking 92/72xx Gateway Advanced 5-year Subscription E-STU
R0G62AAE	HPE Aruba Networking 92/72xx Gateway Advanced 7-year Subscription E-STU
R0G63AAE	HPE Aruba Networking 92/72xx Gateway Advanced 10-year Subscription E-STU
JZ121AAS	HPE Aruba Networking 90/70xx Gateway Advanced 1yr Sub SaaS
JZ122AAS	HPE Aruba Networking 90/70xx Gateway Advanced 3yr Sub SaaS
JZ123AAS	HPE Aruba Networking 90/70xx Gateway Advanced 5yr Sub SaaS
R0G54AAS	HPE Aruba Networking 90/70xx Gateway Advanced 7yr Sub SaaS
R0G55AAS	HPE Aruba Networking 90/70xx Gateway Advanced 10yr Sub SaaS
JZ198AAS	HPE Aruba Networking 92/72xx Gateway Advanced 1yr Sub SaaS
JZ199AAS	HPE Aruba Networking 92/72xx Gateway Advanced 3yr Sub SaaS
JZ200AAS	HPE Aruba Networking 92/72xx Gateway Advanced 5yr Sub SaaS
R0G60AAS	HPE Aruba Networking 92/72xx Gateway Advanced 7yr Sub SaaS

Table 14. SD-WAN advanced + security subscription SKUs and descriptions

SKU	Description
Advanced + security: 90XX	
R4E03AAE	HPE Aruba Networking 90xx Advanced plus Security 1yr Subscription E-STU
R4E04AAE	HPE Aruba Networking 90xx Advanced plus Security 3yr Subscription E-STU
R4E05AAE	HPE Aruba Networking 90xx Advanced plus Security 5yr Subscription E-STU
R4E06AAE	HPE Aruba Networking 90xx Advanced plus Security 7yr Subscription E-STU
R4E07AAE	HPE Aruba Networking 90xx Advanced plus Security 10yr Subscription E-STU
R4E03AAS	HPE Aruba Networking 90xx Gateway Advanced plus Security 1yr Sub SaaS
R4E04AAS	HPE Aruba Networking 90xx Gateway Advanced plus Security 3yr Sub SaaS
R4E05AAS	HPE Aruba Networking 90xx Gateway Advanced plus Security 5yr Sub SaaS
R4E06AAS	HPE Aruba Networking 90xx Gateway Advanced plus Security 7yr Sub SaaS
R4E07AAS	HPE Aruba Networking 90xx Gateway Advanced plus Security 10yr Sub SaaS

Table 15. Aruba virtual gateway subscription SKUs and descriptions

SKU	Description
Aruba virtual gateway	
R0X97AAE	HPE Aruba Networking Virtual Gateway 500Mbps 1yr Sub E-STU
R0X98AAE	HPE Aruba Networking Virtual Gateway 500Mbps 3yr Sub E-STU
R0X99AAE	HPE Aruba Networking Virtual Gateway 500Mbps 5yr Sub E-STU
R3V73AAE	HPE Aruba Networking Virtual Gateway 2Gbps 1yr Sub E-STU
R3V74AAE	HPE Aruba Networking Virtual Gateway 2Gbps 3yr Sub E-STU
R3V75AAE	HPE Aruba Networking Virtual Gateway 2Gbps 5yr Sub E-STU
R3V76AAE	HPE Aruba Networking Virtual Gateway 4Gbps 1yr Sub E-STU
R3V77AAE	HPE Aruba Networking Virtual Gateway 4Gbps 3yr Sub E-STU
R3V78AAE	HPE Aruba Networking Virtual Gateway 4Gbps 5yr Sub E-STU

Use cases for central advanced SD-Branch subscriptions

The Foundation-level subscriptions address a wide range of use cases within the base price for Aruba SD-Branch deployments. However, several premium features may be desirable, which are only available with security add-ons or Advanced subscriptions. Please refer to the sample list of use cases below.

If you require:

1. AI-powered insights into WAN health: Selecting the Advanced subscriptions will enable AI insights that help you compare the performance of links across peer sites, as well as automatically redirect traffic over alternative paths when existing links are underperforming, congested, or not satisfying SLAs.

2. Advanced threat management and security: Selecting the Security add-on subscription SKUs will enable more advanced protection mechanisms for your branches and other remote locations, including IDS/IPS, anti-malware, and more.

3. Better SaaS application performance: Selecting the Advanced subscriptions enables SaaS Express, which can improve the performance of critical SaaS applications such as Microsoft 365 by dynamically sending traffic over the optimal WAN link and to the best hosting server.

4. Enhanced protection and automated configuration: Selecting the Advanced subscription enables the use of Central NetConductor services such as the fabric wizard for automated overlay configuration to streamline the adoption of rolebased access policies at global scale.

Support features and optional add-ons

Aruba network devices (access points, switches, and gateways) that have an active HPE Aruba Networking Central SaaS subscription are fully supported and include:

- 24x7 priority technical support for troubleshooting.

- Software updates and upgrades for HPE Aruba Networking Central and all Aruba 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 Aruba 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 Aruba Pro Care for fast access to senior Aruba 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 Aruba pro care, please visit:

arubanetworks.com/supportservices/

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