

SERVICE BRIEF

ARUBA CLEARPASS QUICKSTART SERVICE

Accelerate deployment of Aruba ClearPass and secure your network access

Aruba ClearPass QuickStart Service helps you ramp up on the next generation of ClearPass security solutions and also to assist in the preparation for operational support.

Preventing cybercriminals from accessing your network is top of mind, especially as BYO-everything continues to proliferate across all areas of your business. With Aruba ClearPass, you can rely on customized user-based or device policies to control network access and with Aruba Professional Services, you can quickly get ClearPass up and running.

With proven engineering services from Aruba Professional Services experts, the ClearPass QuickStart Service will help you successfully:

- Configure ClearPass Policy Manager to provide Authentication, Authorization, and Accounting services for Aruba or Cisco wired and wireless networks
- Provide employee and guest access to network services and applications, and internet access to guests

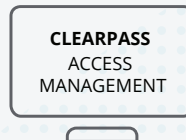
ClearPass QuickStart Service includes the ability to enforce infrastructure access using 802.1X, MAC Authorization, MAC Authentication Bypass (MAB), and TACACS. By complementing the skills of your IT team, it accelerates your time to a fully functional solution, and reduces risks by using documented Aruba best practices.

In this service, Aruba Professional Services engineers will:

- Lead the architecture and design of an Aruba ClearPass security solution
- Provide initial startup support
- Use Aruba best practices to develop and implement the baseline configuration needed to support the deployment

The Aruba Professional Services team will work collaboratively with your engineers and project managers to assist in requirements development, configuration, and testing of the Aruba ClearPass solution.

ClearPass QuickStart



From IoT to an always-on mobile workforce, organizations are more exposed to attacks than ever before. Quickly deploying our Aruba ClearPass solution allows you to get agentless visibility and dynamic role-based access control for seamless security enforcement and response across your wired and wireless networks.

SERVICE FEATURES

This QuickStart Service includes the following:

Architecture and Design

- Define the ClearPass architecture/High Level Design (HLD)
- Review the requirements and included uses cases
- Review the firewall requirements with your network and security teams
- Review the pre-installation requirements

Startup Support

- Provide provisioning instructions for virtual or physical Aruba ClearPass nodes
- Assist with ClearPass provisioning and software upgrades for in-scope devices
- Assist with registration and application of Aruba licenses to in-scope Aruba devices

Design and Configuration Development

- Apply baseline configuration¹ to up to four ClearPass nodes² at a single geographical location
- Configure up to four nodes in a single cluster³
- Configure one node as the Publisher and one node as the Backup Publisher
- Configure the cluster for RADIUS, TACACS and Guest authentications³
- Configure up to four ClearPass-based Virtual IP addresses (VIPs) to support high availability
- Configure the cluster with one external location or server for automated configuration backup
- Configure the cluster with up to one Active Directory (AD) authentication source



- Apply up to two customer-provided server certificates: one SSL for ClearPass guest⁴ and administration, and one for RADIUS 802.1X use cases on up to four ClearPass nodes
- Configure up to three wireless Network Access Devices (NADs)⁵ and three wired NADs⁵
- Configure up to two TACACS services³, with up to two AD groups configured for read and read/write role derivation
- Configure one wired⁵ service for 802.1X, with or without MAC Authentication Bypass (MAB), to include one authentication type and up to two VLAN mappings
- Configure one wired⁵ service for MAC authentication⁶ to include one authentication type and up to two VLAN mappings
- Configure one wireless⁵ service for 802.1X (Secure SSID) to include one authentication type and up to two VLAN mappings
- Configure one wireless⁵ service for open or PSK MAC authentication to include one authentication type and up to two VLAN mappings
- Configure one wireless Guest self-registration workflow, utilizing ClearPass guest webpage templates⁴ for self-registration and a downloadable receipt
- Configure the cluster data retention settings

Validation Testing

- Provide a standard Aruba validation checklist
- Assist with the execution of each test in the checklist to validate the use cases, defined in the Design and Architecture Phase, are being met

As-built Documentation

- A topology diagram describing the logical interconnection of the in scope Aruba devices
- A diagram showing the configured ClearPass services and their relationship to each other
- A list of configured IP addresses for in-scope Aruba devices and TACACS/RADIUS shared keys used during the configuration phase

Project Management Oversight

Aruba consultants will assist your engineers and project managers in the following areas:

- Schedule appropriate staff in a timely manner and coordinate Aruba technical resources
- Participate in scheduled project review meetings or conference calls, if required
- Provide a weekly activity report

CONCLUSION

ClearPass QuickStart Service accelerates the implementation of baseline Aruba features into your environment, so that your organization can more quickly achieve its business goals. Aruba engineers will consult with your IT staff to design and deploy your ClearPass security solution which can then easily be expanded upon to facilitate more complex use cases.

ORDERING

Use this SKU to order this service: H30JWA1

Please contact your Aruba Sales Professional or Certified Aruba Resale Partner for more information.

BENEFITS OF ARUBA PROFESSIONAL SERVICES

Realize the full business value of your technology investments with service intelligence and proven Aruba engineering experts. These services are designed to help you successfully design, build, and operate your Aruba ESP solution as part of your business platform.

Learn more about what Aruba Global Services has to offer at: www.arubanetworks.com/services/

¹ One (1) NTP server, one (1) syslog server, join nodes to one (1) Active Directory Domain

² Hardware appliance or Virtual Machine

³ The management interface will be used for all traffic

⁴ Requires a public server certificate which must be purchased and/or provided by the Customer

⁵ Aruba or Cisco equipment with necessary firmware

⁶ Static host list