Training: Aruba
Network Management with HPE Aruba Networking Central

TRAINING GOALS:

This 3 day course teaches students how Aruba Central, Aruba's cloud-based networking system, enables IT staff to manage and monitor both wired and wireless environments. This course includes topics such as Central RESTAPI and teaches students new MSP features within HPE GreenLake. Students will learn how to simplify the onboarding and provisioning process for new network devices, such as Aruba access points, switches and gateways. This course will teach learners how VisualRF integrates with Central and how to configure traditional IAPs (AOS8) and AOS10 APs with Aruba Central as well as and how to leverage other value-added network services such as guest access, AIOps, contact tracing and presence analytics. Students will also learn several best practices for administration, monitoring, troubleshooting and reporting services that will help them proactively assess and improve their network performance. This course includes training and hands-on labs.

Objectives

After you successfully complete this course, expect to be able to:

- Use Aruba Central and its features
- Understand the differences between MSP and Central account
- Create customers, groups and assign devices with Central
- Be familiar with onboarding devices into Central
- Be able to describe different methods of onboarding
- Understand the purpose and uses for Groups, Labels and Sites
- Filter information using Groups, Labels and Sites
- Describe the importance of Guest Access
- Be familiar with VRF and heatmaps and know your network topology
- Be able to plan a new network and know how to use network monitoring and troubleshooting
- Be able to complete licensing requirements
- Understand AIOps concepts and features
- Know AI Search, AI Insight and AI Assist features
- Be aware of the users passing by or entering your establishment
- Be familiar with Central's administrative tasks
- Know how to add admin users and new certificates
- Know how to upgrade the network and create reports

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- Understand the different AOS10 forwarding modes
- Be able to create a bridged SSID
- Create a customized MSP account

Target Audience

Ideal candidates are networking IT professionals or technical marketing professionals looking to expand their knowledge and skillset on the Aruba Central platform.

CONSPECT:

- Introduction to Aruba Central
  - Introduce the Aruba Central platform
  - Explain Aruba’s layered approach
  - Aruba Central introduction and licensing.
- Onboarding Devices
  - Know Aruba Central device onboard options
  - Complete different methods for onboarding
  - Add license keys
  - Troubleshoot onboarding issues for AP and switches etc.
- Groups, Sites, and Labels
  - Create groups, sites, and labels within Aruba Central
  - Use groups, sites, and labels to filter and organize your devices.
- Visual RF
  - Use Visual RF and Heatmaps
  - Know your network topology
  - Plan a new network
- IAP Configuration
  - Be able to configure IAPs via Aruba Central
  - Be able to complete a WLAN configuration and use the WLAN wizard
- AOS10 Access Points
  - Understand the different AOS10 forwarding modes
  - Manage AOS10 Access Points with Aruba Central
  - Create a Bridged SSID
- Guest Authentication
  - Aruba guest access solutions
  - Aruba cloud guest solution
  - Implement guest authentication using Aruba Central.

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- AIOps
  - AIOps concepts
  - Key advantages of AI Search, AI Insight, and AI Assist.
- Application Visibility and Presence Analytics
  - View and know which applications are used in your network.
  - Monitor the Wi-Fi Connectivity.
  - Know the users are passing by or entering your establishment.
- Administration and Maintenance
  - Know how to add admin users and new certificates
  - Know how to upgrade the network and create reports.
  - Learn how to create a report and the report options
- Aruba Central API
  - MSP vs. Enterprise Account
  - Customize an MSP account
  - Create customers, groups, and assign devices.
- Monitoring and Troubleshooting
  - Know how to add admin users and new certificates
  - Know how to upgrade the network and create reports.
  - Learn how to create a report and the report options
- MSP
  - MSP vs. Enterprise Account
  - Customize an MSP account
  - Create customers, groups, and assign devices.

REQUIREMENTS:

It is recommended that candidates have foundational networking experience or attend Aruba's Essentials eLearning series.

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by Aruba Networks.

This course prepares you additionally to the Aruba Product Specialist - Central certification exam

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https://certification-learning.hpe.com/tr/datacard/Exam/0001185878

TRAINER:

Aruba Networks Certified Trainer

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