Network Management with HPE Aruba Networking Central (AOS-8), Rev. 22.21 (AR-MCNC)

Course Description

The Managing Campus Networks with Aruba Central, Rev. 22.21 (Central) 2-day course covers the campus cloud-based management system that lets you centrally manage and monitor wired and wireless networks. This course covers the Aruba Central management service and includes options for onboarding devices by managing Aruba Instant Access Points and Aruba switches both as a standalone customer or as an Managed Service Provider (MSP). Participants will view the advanced analytic services and connectivity health of devices and clients, providing insights into Wi-Fi analytics for smart business decisions. Participants will learn how to simplify visitor access management with a fully secure and scalable guest access solution including guest cloud services. This course also provides students the knowledge, skills and practical experience required to set up, configure and manage a network as a service offering. Through lecture and hands-on labs, students will discover the comprehensive management, device connectivity, network health and user account activity with Aruba Central. .

Course Duration:

2 days

Prerequisites:

No prerequisites

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
- Customize an MSP 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
- Configures switches via Central
- 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
- View your network health and troubleshoot client issues
- Maintain network security
- Customize alerts according to your needs
- Be familiar with your network applications

- Identify non Wi-Fi issues
- Be aware of the users passing by or entering your establishment
- Be familiar with the UCC dashboard
- Use the UCC dashboard to monitor UCC quality
- 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
- Configure IAP clusters

Course Outline:

- Central Introduction
- Managed Service Provider
- Central Onboarding
- Central Groups, Sites & Labels
- IAP & Switch Configuration
- Visual RF (VRF) & Topology
- Troubleshooting with Central
- Application Presence: Analytic UCC
- Administration and Maintenance

Who Should Attend

This course is ideal for technical personnel who want a deep-dive into Aruba Central and Network Administrators who need to centralize the management and configuration of Aruba IAPs and Switches.