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Network Management with HPE Aruba Networking Central (NMAC) Training

2 days (14 hours)

Overview

HPE Aruba Networking Central is a cloud-based network management platform that centralizes the administration and monitoring of wired and wireless infrastructures. Combined with HPE GreenLake, it brings together configuration, deployment plans, APIs, and diagnostic tools to support the operation of modern networks.

Our Network Management with HPE Aruba Networking Central (NMAC) training course will help you gain a deeper understanding of the platform’s features and develop the skills needed to meet network infrastructure management requirements.

You will learn to explain the relationship between HPE GreenLake and HPE Aruba Networking Central, understand the service architecture, and organize device management. You will also implement deployment plans to map sites and position access points.

By the end of the course, you will be able to use monitoring, reporting, and troubleshooting features to analyze network performance and identify connectivity issues.

This course also covers API capabilities and how to use them to retrieve network data. Hands-on workshops will allow you to connect architecture, deployment, and operations in a training environment.

Like all our training courses, this one will introduce you to **the latest stable version** of the technology and its new features.

Objectives

- Explain the relationship between HPE GreenLake and HPE Aruba Networking Central, as well as their use for managing networks in the cloud
- Implement the architecture and features of HPE Aruba Networking Central to meet the needs of modern networks
- Implement deployment plan management with HPE Aruba Networking Central
- Explore the capabilities of the HPE Aruba Networking Central API
- Use the comprehensive monitoring, reporting, and troubleshooting features of HPE Aruba Networking Central

Target Audience

- IT professionals specializing in networking or technical marketing professionals who want to deepen their knowledge and develop their skills on the HPE Aruba Networking Central platform.7

Prerequisites

- No prerequisites

Technical Prerequisites

- A computer equipped with a modern web browser to access the platform
- A stable internet connection allowing access to the cloud services used during the workshops
- An account providing access to HPE GreenLake and an HPE Aruba Networking Central training environment with the necessary permissions for the exercises

Course Outline for our Network Management with HPE Aruba Networking Central (NMAC) Training

[Day 1 - Morning]

Introduction to HPE Aruba Networking Central

- HPE GreenLake Architecture
- HPE Aruba Networking Product Portfolio

HPE Aruba Networking Central Architecture

- Navigation
- Hierarchy

Floor Plan Manager and Topology

- Floor Plan Manager
- Monitoring the Floor Plan Dashboard
- Topology

[Day 1 - Afternoon] Monitoring

- Site Monitoring
- Network Monitoring
- Client Monitoring
- Application Monitoring

Troubleshooting

- Methodology
- Tools and Resources
- Audit Log
- AI Insights
- Alerts

[Day 2 - Morning]

HPE Aruba Networking Central API Features

- API Overview
- Introduction to the REST API
- Generating and Managing Access Tokens
- Making API Calls in the HPE Aruba Networking Developer Hub

[Day 2 - Afternoon]

Administration and Reporting

- Identification and Access Control
- Resource Restriction Policy
- User Audit Logs
- Certificate Management
- Report Management

Target Companies

This training is intended for both individuals and companies—large and small—that wish to train their teams in new, advanced IT technologies or to acquire specific industry knowledge or modern methods.

Entry-Level Assessment

The pre-training assessment complies with Qualiopi quality standards. Upon final registration, the learner receives a self-assessment questionnaire that allows us to evaluate their estimated proficiency in various types of technologies, as well as their expectations and personal goals for the upcoming training, within the limits imposed by the selected format. This questionnaire also allows us to anticipate certain connection or internal security issues within the company (intra-company or virtual classroom) that could pose challenges for monitoring and ensuring the smooth operation of the training session.

Teaching Methods

Hands-On Training: 60% Practical, 40% Theoretical. Training materials distributed in digital format to all participants.

Organization

The course alternates between theoretical input from the instructor—supported by examples and reflection sessions—and group work.

Certification

At the end of the session, a multiple-choice quiz is used to verify that the skills have been properly acquired.

Certification

A certificate will be issued to each trainee who has completed the entire training program.

Training organization registered under number 11 75 54743 75. This registration does not constitute state accreditation.
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