Managing Wired Networks with HPE Aruba Networking Central (MWNAC)

ID MWNAC   **Price** CHF 2,200.—(excl. VAT)   **Duration** 2 days

Who should attend

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

This course is part of the following Certifications

HPE Advanced Product Certified - HPE Aruba Networking Central (AAPC-ANC)

Prerequisites

The suggested prerequisites for this course are to attend the Network Management with HPE Aruba Networking Central (NMAC) course.

Course Objectives

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

- Explore switch management options on HPE Aruba Networking Central.
- Perform AOS-CX switch onboarding.
- Configure and manage AOS-CX switches.
- Configure switch features necessary for a branch office or a single building network.
- Monitor and troubleshoot a wired network using HPE Aruba Networking Central.

Course Content

Introduction to switch management using HPE Aruba Networking Central

- Overview of HPE Aruba Networking Central and HPE GreenLake
- Introduction to switch management and troubleshooting features

Basic of switch management

- Switch onboarding
- Switch configuration profiles
- API and GUI

Switch system configuration

- Common system configuration
- Source interface and SNMP configuration
- Switch administration and system details
- Switch firmware recommendations

Configuring VLANs

- LANs and VLANs
- Creating a VLAN profile
- Named VLAN profile

Ports and link aggregation

- LAN concepts and prerequisites
- Switch port configuration
- LAG configuration

Loop prevention methods

- Loop in a network switch
- Loop prevention
- Enabling Spanning Tree Protocol
- STP anomaly recommender

Switch high availability

- Introduction to VSF
- VSF configuration and management
- VSF monitoring and troubleshooting
- HPE Aruba Networking Virtual Switching eXtension

### Switch Virtual Interfaces

- Routing
- Inter-VLAN routing and multilayer switch
- Layer 3 routing
- Layer 3 analysis
- Multilayer interface types

- DHCP helper address
- DHCP attacks
- DHCP snooping
- Configuring SVI and HPE Aruba Networking Central

Routing fundamentals

- Introduction to routing
- Static routes
- Virtual Routing and Forwarding

Training Centres worldwide
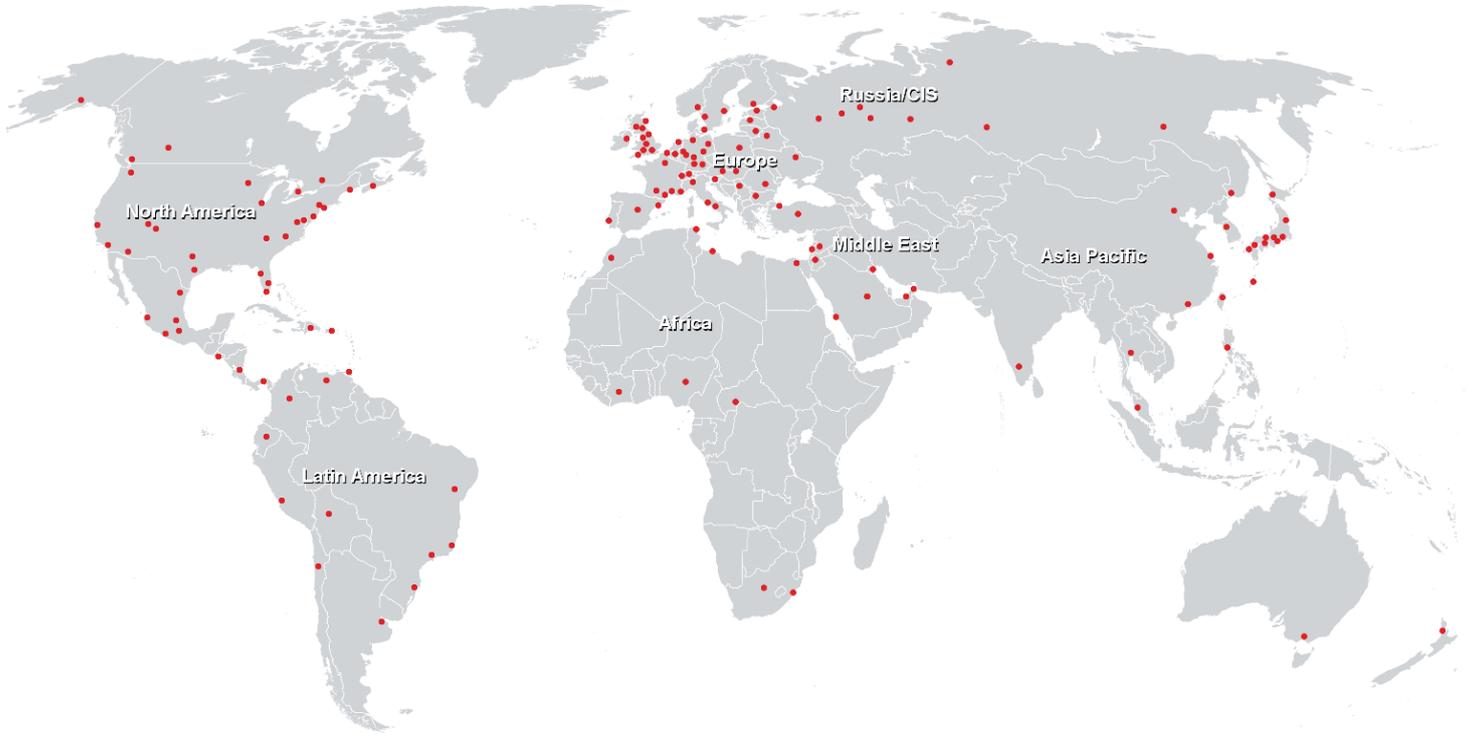
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