# 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

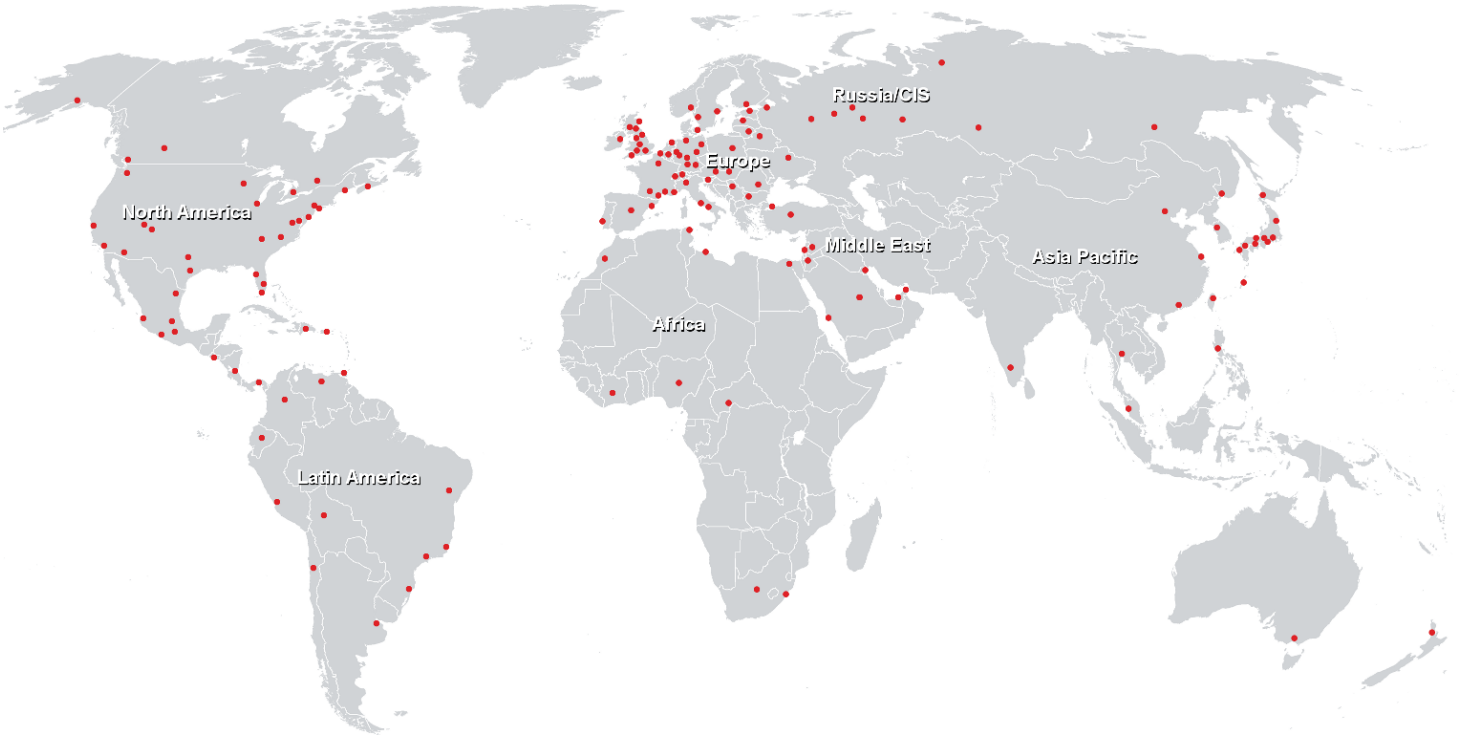
- Routing
- Inter-VLAN routing and multilayer switch
- Layer 3 routing
- Layer 3 analysis
- Multilayer interface types

- 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

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**Fast Lane Institute for Knowledge Transfer (Switzerland) AG**

Husacherstrasse 3
CH-8304 Wallisellen
Tel. +41 44 832 50 80

**info@flane.ch, https://www.flane.ch**