Introduction to AOS-10 (IAOS10)

ID IAOS10 **Price** CHF 2,000.—(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 AOS-10.

This course is part of the following Certifications

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

Prerequisites

- Understand Networking Fundamentals
- Understand IP addressing
- Understand IP routing

Course Objectives

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

- List the features in AOS-10
- Create groups and users
- Add and configure access points
- Add and configure gateways
- Describe the tunnel forwarding modes
- Configure the tunnel forwarding modes
- Describe microbranch
- Configure microbranch
- Describe cloud services
- Implement cloud services

Course Content

WLAN fundamentals and RF basics

- RF bands and channels
- 802.11 standards and amendments
- RF basics
- Antenna technology
- Radio technologies
- RF transmit power
- WLAN mobility

HPE Aruba Networking security-first, AI-powered networking

- Network challenges at the edge
- HPE Aruba Networking Central

AOS-10 architecture

- Current solutions
- AOS-10 architecture
- Product line
- AOS-10 supported hardware

AOS-10 Access points

- Difference from Instant APs
- What is AirMatch?
- What is ClientMatch?
- HPE Aruba Networking Central groups
- Configuring WLAN on AOS-10 AP only
- Monitoring

HPE Aruba Networking user roles

- HPE Aruba Networking firewall
- Roles, policies, and rules
- Role derivation
- Identity-based HPE Aruba Networking firewall
- Access control rules
- Application rule
- Aliases
- Global and WLAN policies

Deployments with gateways

- When to use gateways
- AOS-10 gateway modes
- AP to gateway connections
- Tunnel orchestration
- Switch to gateway connections
- Gateway to gateway tunnels
- Gateway cluster
- Cluster configuration
- Cluster monitoring
- Deployment with gateways

Tunnel forwarding mode

- Tunnel orchestrator
- Tunnel mode SSID configuration
- Mixed forwarding mode

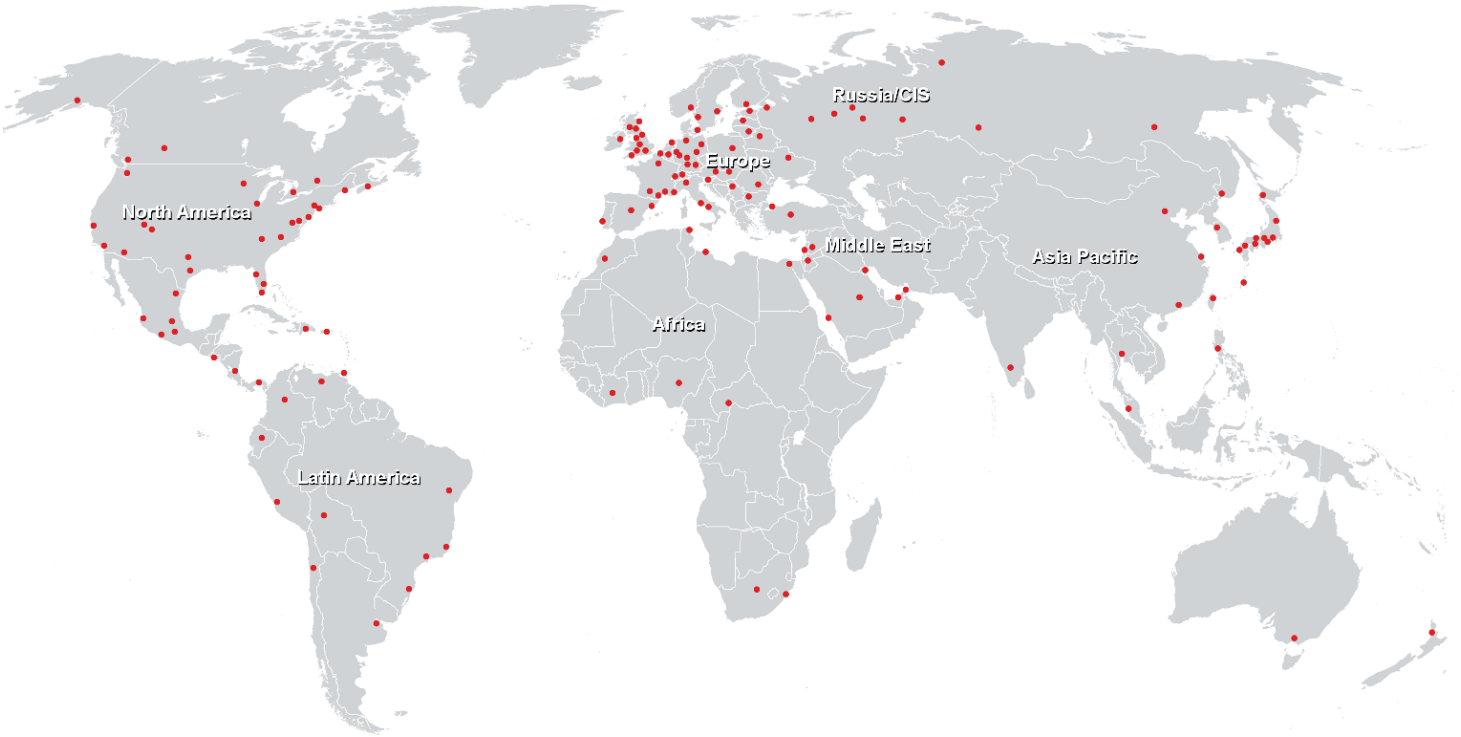
Microbranch

- What is HPE's microbranch solution?
- Microbranch configuration
- Policy-based routing (PBR)

Cloud services

- What has changed from AOS-8 to AOS-10
- WAN link bandwidth requirement
- Live upgrade service
- AP upgrade
- Gateway upgrade
- Key management
- Central licensing

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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