

# HPE Aruba Networking ClearPass Configuration (CPC)

ID CPC Price 4,950.— €(excl. VAT) Duration 5 days

## Who should attend

Ideal candidates include network professionals who need to build foundational knowledge of the ClearPass product portfolio.

## This course is part of the following Certifications

HPE Advanced Product Certified - ClearPass (AAPC-CP)

## Prerequisites

There are no formal pre-requisites, however it is advisable for students to have the following skills prior to attending this course:

- Familiarity with networking
- Familiarity with basics of networking security concepts

## Course Objectives

Upon successful completion of this course, students should be able to:

- Implement a ClearPass network access solution
- Design and apply effective services and enforcement in ClearPass
- Troubleshoot a ClearPass solution

## Course Content

### Introduction to HPE Aruba Networking ClearPass

- Network Access Control
- ClearPass use cases
- ClearPass system

### AAA

- AAA explained
- Authentication sources

### External devices

- Network access devices

- Messaging services
- External context servers

### Endpoint profiling

- Introduction to profiling
- Profiling collector

### Roles and enforcement

- Services
- Enforcement
- ClearPass roles

### Configuring services

- Service selection rules
- Creating services

### Configuring web services

- Content Manager
- Skins
- Web page editor

### Guest authentication

- Captive portal process
- Web logins
- Guest accounts
- Guest access with MAC authentication

### Guest access self registration

- Self registration experience
- Configuring self registration
- Self registration process

### Wired authentication

- Wired access
- Wired enforcement
- Profiling on wired ports

### OnGuard configuration

- Introduction

- Posture policies
- OnGuard Software agent
- Monitoring OnGuard Software

## **OnGuard in enforcement**

- OnGuard workflow
- OnGuard enforcement

## **ClearPass Onboard Software provisioning**

- Configuring certificate authorities
- Portal setup
- Configuring services

## **ClearPass Onboard Software Administration**

- Managing certificates
- Managing users and devices
- Certificate revocation and OCSP

## **Administrative operations**

- Licenses
- Certificates
- Updates and upgrades
- Backups
- Gathering logs

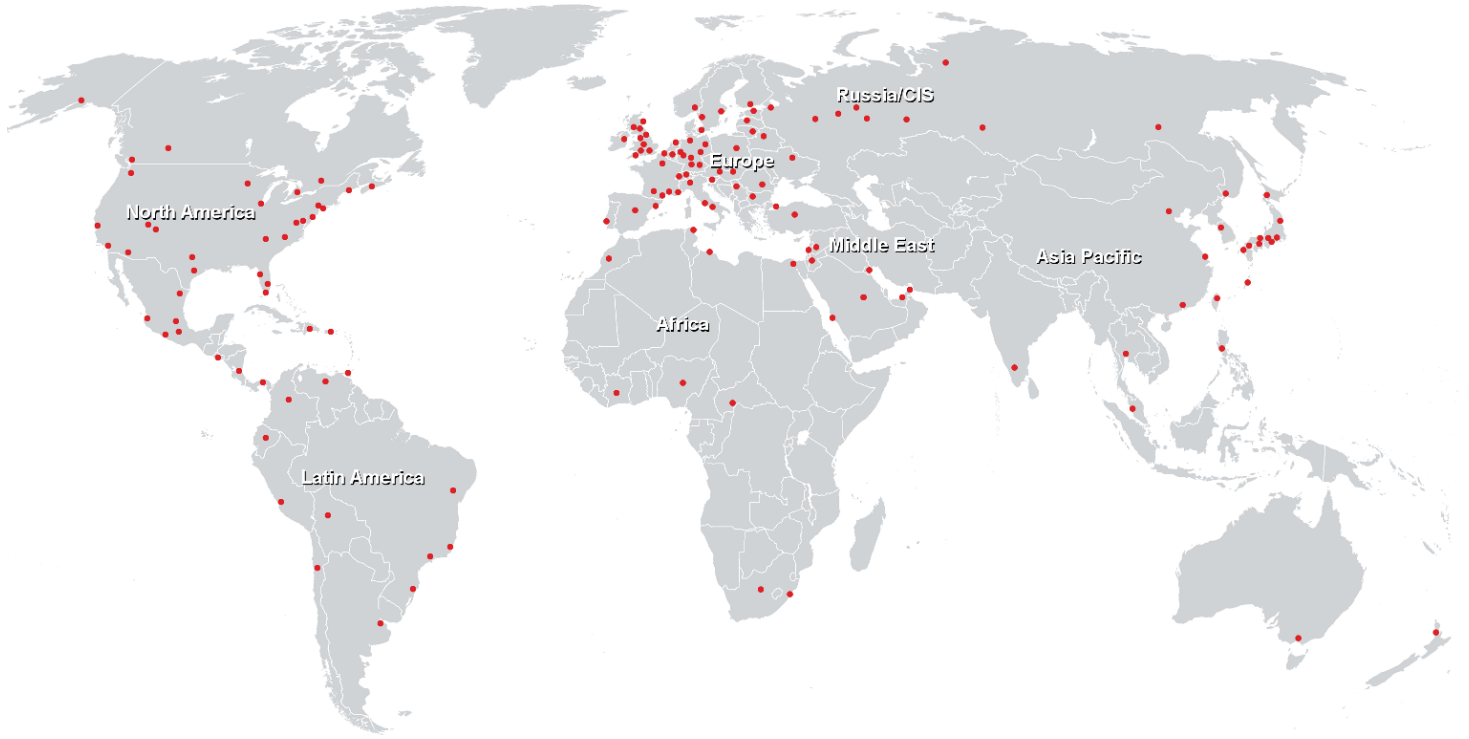
## **Administrative access**

- Admin access to NADs
- Admin access to Policy Manager
- Guest operator logins

## **ClearPass Device Insight reports**

- Alerts
- Reports
- Administration

## Training Centres worldwide



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

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

[info@flane.ch](mailto:info@flane.ch), <https://www.flane.ch>