



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# Aruba ClearPass Configuration

<b>CODE:</b>	<b>LENGTH:</b>	<b>PRICE:</b>
ARU_CPC	40 Hours (5 days)	kr35,000.00

## Description

The 5-day Aruba ClearPass Configuration course prepares participants with foundational skills in Network Access Control using the ClearPass product portfolio. This course includes both instructional modules and labs to teach participants about the major features of the ClearPass portfolio. Participants will learn how to set up ClearPass as an AAA server, and configure the Policy Manager, Guest, OnGuard and Onboard feature sets. In addition, this course covers integration with external Active Directory servers, Monitoring and Reporting, as well as deployment best practices. The student will gain insight into configuring authentication with ClearPass on both wired and wireless networks.

## Prerequisites

A minimum of 1 to 2 years of experience in rolling out network solutions in a professional environment. We recommend that you have at least an understanding of the basics of ACL's and firewall rules.

## Programme

- Introduction to ClearPass
- BYOD
- High Level Overview
- Posture and Profiling
- Guest and Onboard
  
- ClearPass for AAA
  
- Policy Service Rules
- Authentication Authorization and Roles
- Enforcement Policy and Profiles
- Authentication and Security Concepts
  
- Authentication Types
- Servers
- Radius COA
- Active Directory
- Certificates

- Intro to NAD
  
- NAD Devices
- Adding NAD to ClearPass
- Network Device Groups
- Network Device Attributes
- Aruba Controller as NAD
- Aruba Switch
- Aruba Instant
- Monitoring and Troubleshooting
  
- Monitoring
- Troubleshooting
- Logging
- Policy Simulation
- ClearPass Insight
  
- Insight Dashboard
- Insight Reports
- Insight Alerts
- Insight Search
- Insight Administration
- Insight Replication
- Active Directory
  
- Adding AD as Auth Source
- Joining AD domain
- Using AD services
- External Authentication
  
- Multiple AD domains
- LDAP
- Static Host Lists
- SQL Database

- External Radius Server
- Guest
  
- Guest Account creation
- Web Login pages
- Guest Service configuration
- Self-registration pages
- Configuring NADS for Guest
- Guest Manager Deep Dive
- Web Login Deep Dive
- Sponsor Approval
- MAC Caching
- Onboard
  
- Intro to Onboard
- Basic Onboard Setup
- Onboard Deepdive
- Single SSID Onboarding
- Dual SSID Onboarding
- Profiling
  
- Intro to Profiling
- Endpoint Analysis Deep Dive
- Posture
  
- Intro to Posture
- Posture Deployment Options
- OnGuard Agent Health Collection
- OnGuard workflow
- 802.1x with Posture using Persistent/dissolvable agent
- OnGuard web Login
- Monitoring and Updates
- Operation and Admin Users
  
- Operations

- Admin Users
- Clustering and Redundancy
  
- Clustering
- Redundancy
- LAB
- Licensing
  
- ClearPass Licensing
- Base License
- Applications
- ClearPass Exchange
  
- Intro
- Examples
- General HTTP Palo Alto Firewall
- Configuration
- Case Study
  
- Objectives
- Discussion
- Advanced Labs Overview
- Wired Port Authentication
  
- 802.1X for access layer switch ports
- Profiling on Wired Network
- Configuration of Dynamic Segmentation
- Aruba Downloadable User Roles
  
- Downloadable User Role Enforcement in ClearPass
- Aruba Controller/Gateway configuration
- Aruba Switch configuration
- Troubleshooting

## Test and Certification

Exam: n/a

## Session Dates

På begäran, [kontakta oss](#)

## Ytterligare information

Denna utbildning finns också som utbildning på plats. Kontakta oss för mer information.