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Enterprise Computing Solutions - Education Services

TRAINING OFFERING

Du kan nå oss här

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aruba   **Aruba ClearPass Essentials**

CODE:	**LENGTH:**	**PRICE:**
ARU_CPE	40 Hours (5 days)	kr31,250.00

Description

Learn how to setup ClearPass as a AAA server, and configure the Policy Manager, Guest, OnGuard and OnBoard feature sets. Integrate with AD and learn deployment best practices.

The "ClearPass Essentials (CPE)" training course provides you with a foundation in Network Access Control using ClearPass 6.5 system. This course covers in depth configuration of ClearPass policy manager with a focus on Enforcement and Device Profiling. The course also includes setup and configuration details of primary application of ClearPass Guest like guest web login pages, guest self-registration, device provisioning using OnBoard and client posture analysis using OnGuard.

Successful conclusion of the course prepares the participant for the Aruba Certified ClearPass Professional exam (ACMP) v6.5 proctered through PearsonVue test centres and PearsonVue online.

Audience

Target Audience

Network Administrators and IT Staff who's network must support "Bring Your Own Device" (BYOD) provisioning and onboarding.
Network Administrators and IT Staff who configure and manage guest and visitor WLAN access.
Network and System Administrators responsible for reporting and compliance of WLANs

Prerequisites

Course Prerequisites

Familiarity with network standards and terminology, VLANs and IP protocols including routing and switching.
Basic WLAN terminology and concepts.
Knowledge of wired and wireless networking design and operations. Knowledge of RADIUS server configuration, 802.1X authentication, AAA, LDAP and Active Directory experience.
Students taking this class may complete the following self-paced online courses available to view at no charge on the Aruba Web Site
Wired Fundamentals gives a brief overview of the wired networking principles used in Aruba products.
Wireless Fundamentals gives a brief overview of the wired networking principles used in Aruba products.

Programme

- Intro 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

- Licensing

  - ClearPass Licensing

  - Base License

  - Applications

- Single Sign-On

  - Deployment Options

  - ClearPass Admin Login SSO

  - Access Network SSO

  - ASO-Auto-Sign On

  - Configuration and Demo

- ClearPass Exchange

  - Intro

  - ExamplesGeneral HTTP Palo Alto Firewall

  - Configuration

- Case Study

  - Objectives

  - Discussion

  - Advanced Labs Overview

Session Dates

På begäran, kontakta oss

Ytterligare information

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