



WIRELESS TRAINING

PROFESSIONAL SERVICES

ClearPass Installation, Configuration & Implementation

Code: PS-TR-ARB-03

Duration : 2 days

Target Audience : This course is designed for individuals who uses ClearPass product who would like to understand more the configuration behind the system they are using and by understanding it, enhance the ability to analyze and troubleshoot.

Course Description

This hands-on course provides the knowledge and experience required to install and use the ClearPass Access Management System virtual server using a Virtual Machine. Structured labs provide students individual time with the AMP server and a series of exercises that progress from monitoring single-vendor networks to the configuration and reporting of complex, multi-vendor networks.

The "ClearPass Essentials" training course provides you with a foundation in Network Access Control using ClearPass 6.0 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.

Course Prerequisites

- ▶ Basic WLAN terminology and concepts
- ▶ Knowledge of wired and wireless networking design and operations
- ▶ Familiarity with network standards and terminology, VLANs and IP protocols including routing and switching.
- ▶ Knowledge of RADIUS server configuration, 802.1X authentication, AAA, LDAP and Active Directory experience.

Course Contents

- ▶ Introduction to ClearPass
- ▶ ClearPass Licensing
- ▶ Introduction to Security
- ▶ An Overview of RADIUS TACACS+
- ▶ Overview of Certificates
- ▶ Setup and Installation
- ▶ Introduction to Network Access Devices (NAD)
- ▶ Configuration of Aruba Devices
- ▶ ClearPass Policy Manager Roles
- ▶ Role Assignments
- ▶ Integration with Active Directory (AD)
- ▶ Overview of Policy Model
- ▶ Configuration of a Policy Service
- ▶ Need for Enforcement Policies
- ▶ Enforcement Profiles and Policies
- ▶ OnGuard Configurations
- ▶ EndPoint Profiler
- ▶ Profile Configuration
- ▶ Advanced Enforcement
- ▶ Building a Policy Service
- ▶ Monitoring
- ▶ Troubleshooting
- ▶ Introduction to ClearPass Guest Application
- ▶ ClearPass Guest Manager
- ▶ Need for Weblogin Pages
- ▶ Customising the Weblogin Page
- ▶ Network Configuration
- ▶ Introduction to Self-Registration
- ▶ Configuration of Self-Registration and Backend Processing
- ▶ ClearPass Operations
- ▶ Admin Users
- ▶ Introduction to Onboard Application
- ▶ Onboard as Root Certificate Authority (CA) vs Intermediate CA
- ▶ Certificate Configuration
- ▶ ClearPass Guest Configuration for Onboarding
- ▶ Network Configuration for Onboarding and Onboard Client Experience
- ▶ HotSpot
- ▶ ClearPass Insight
- ▶ ClearPass Clustering
- ▶ QuickConnect Application
- ▶ Integration of non-Aruba Devices with ClearPass

Training Fee

No	TRAINING	Fee / Module Class*	Additional audience/person
1	Wireless LAN Basic Fundamental	USD 500	USD 100
2	Implementing Aruba WLANs	USD 750	USD 150
3	AirWave Installation, Configuration & Use	USD 750	USD 150
4	ClearPass Installation, Configuration & Implementation	USD 1000 ?	USD 200 ?

Note:

Training fee base-on class and **maximum 3 persons** audience

Course Prerequisites

- ▶ Training fee base-on training conducted in Jakarta
- ▶ Exclude training venue, accommodation, transport or flight
- ▶ Training excluded PPN



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