



Course overview

Aruba ClearPass Essentials ILT (H0LJ7s)

The Clearpass Essentials 6.3 instructor led course provides participants with a foundation in Network Access Control using the Clearpass product portfolio. This 5-day classroom session includes both modules and labs covering major features of the Clearpass portfolio. Students will learn how to setup Clearpass as a AAA server and configure the Policy Manager, Guest, OnGuard and OnBoard feature sets. In addition, the content will cover integration with external Active Directory servers, Monitoring and Reporting, as well as deployment best practices.

Audience

- This class prepares students for the Aruba Certified Clearpass Professional (ACCP) examination

Prerequisites

- Familiarity with Network Standards, basic routing & switching knowledge, RADIUS, 802.1X and AAA experience

Detailed course outline

Intro to Clearpass

- Intro to Clearpass
- Setup and Installation

Clearpass for AAA

- Intro to Clearpass for AAA
- Authentication & Security Concepts
- NADs
- 802.1x with Local User
- Lab 2 – Troubleshooting
- Insight reporting
- Lab 3 - Insight Reporting

External Authentication

- Active Directory
- Lab 4 - 802.1x with AD

Course title:	Aruba ClearPass Essentials ILT
HP product number:	H0LJ7s
Category/Subcategory:	HP Networking
Course length:	5 Days
Level:	Intermediate
Delivery language:	Varies by country
To order:	You can order this course online at www.hp.com/us/training/networking . At the site, select the course and view the schedule to complete the online registration.

- External Auth Deep Dive

Guest

- Intro to Guest
- Configuring NADs for Guest
- Lab 5 - Guest
- Guest Manager Deep Dive
- Web Login Deep Dive

- Sponsor Approval
- Sponsor Approval
- MAC Caching
- Lab 7 - MAC Caching

OnBoard

- Intro to OnBoard
- Lab 8 - OnBoard
- Basic OnBoard Setup
- OnBoard Deep Dive
- Single SSID OnBoarding
- Dual SSID OnBoarding

Endpoint Analysis

- Intro to Profiling
- Lab 9 - Profiling on Guest networks
- Endpoint Analysis Deep Dive
- Lab 10 - Profiling on 802.1x networks

Posture

- Intro to Posture
- Lab 11 - Posture Health Collection
- OnGuard Deep Dive
- Lab 12 - Posture Enforcement
- Lab 13 - Wired 801.x

Operations & Admin Users

- Operations
- Admin Users
- Lab 14 - TACACS+ Admin

Clustering & Redundancy

- Clustering
- Redundancy
- Lab 15 - Clustering & Redundancy

Licensing

Single Sign-On

Clearpass Exchange

Final Case Study

Appendix Modules – printouts

- AppA – Intro to Certificates
- AppB – Licensing Alerts & Enforcement
- AppC – Cisco Switch NAD
- AppD – Guest Hotspot
- AppE – Posture with NAP
- AppF – Airgroup
- AppG - QuickConnect

For more information

To locate country contact information and to learn more about education services, please visit our worldwide web site at <http://www.hp.com/learn/networking>.

