HPE Aruba Networking ClearPass Configuration

Category: Networking & Security | **Vendor:** HPE Aruba Networking

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

The 5-day HPE Aruba Networking ClearPass Configuration course prepares you with foundational skills in Network Access Control using the ClearPass product portfolio. This course includes both instructional modules and labs to teach you about the major features of the ClearPass portfolio. You 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

About This Course

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

Who Should Attend

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

Prerequisites & Entry Requirements

General 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

Learning Outcomes

Upon successful completion of this course, participants will be able to:

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

Detailed Course Outline

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Skills You Will Learn:

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Frequently Asked Questions

Q: What delivery options are available for HPE Aruba Networking ClearPass Configuration?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 5-day HPE Aruba Networking ClearPass Configuration course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the HPE Aruba Networking ClearPass Configuration training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for HPE Aruba Networking ClearPass Configuration?

Yes, we provide corporate training, dedicated training, and closed classes for HPE Aruba Networking ClearPass Configuration. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: HPE Aruba Networking ClearPass Configuration, Aruba Security, CPC

Q: Why choose Nexus Human for HPE Aruba Networking ClearPass Configuration?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your HPE Aruba Networking ClearPass Configuration training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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