



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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**Puoi raggiungerci qui**

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# Aruba ClearPass Fundamentals

<b>CODE:</b>	<b>LENGTH:</b>	<b>PRICE:</b>
ARU_CPF-009	24 Hours (3 days)	Request Price

## Description

The Aruba ClearPass Fundamentals instructor-led course prepares participants with foundational skills in Network Access Control using the ClearPass product portfolio. This 3-day course includes instructional modules and hands-on labs to lead participants through the implementation and configuration of a ClearPass Network Access Control solution. This course is the first of two sections in the complete ClearPass Essentials course, and is designed to build the learner's foundational knowledge in authentication and access control using ClearPass.

This course is primarily focused on ClearPass fundamentals, but provides the basics on the device configuration required when considering the interaction between the Network Access Control Device and ClearPass. Participants will learn how to configure access control logic within the Policy Manager. Understand how to use ClearPass Guest to configure a convenient yet secure public access network. Participants will also explore device profiling. In addition, this course covers integration with external Active Directory servers and Monitoring.

## Objectives

After you successfully complete this course, expect to be able to:

- Set up ClearPass as a AAA server
- Configure authentication sources including integrating with Microsoft Active Directory
- Build effective access enforcement policies
- Understand and troubleshoot 802.1X access services
- Configure custom informational webpages
- Configure a personalized guest access solution including, simple web logins as well as self-service guest access.
- Understand how to configure a simple wired access solution using ClearPass.

## Audience

Ideal candidates include network administrators who are looking to build their foundational knowledge of the ClearPass product portfolio. This course would be beneficial for customers who are seeking greater knowledge of the ClearPass product that they have purchased. We recommend that students have at least an understanding of basic access layer networking, the function of ACL's and firewall rules.

## Prerequisites

We recommend that students have at least an understanding of basic access layer networking, the function of ACL's and firewall rules.

## Programme

Intro to ClearPass  
Basic Concepts of Network Access Control  
ClearPass Use Cases  
Authentication, Authorization, Accounting  
Authentication Basics  
Multi-Level Client Authorization  
Radius Accounting  
Configuration of Authentication Sources Including LDAP and Active Directory  
External Connectivity  
Configuring Network Access Devices  
Configuring Email Messaging Servers  
Aruba Security Exchange Integration  
Integration with Enterprise Mobile Managers  
Endpoint Profiling  
Device Type Identification  
Profiling Collectors  
Roles and Enforcement.  
Introduction to Services  
Implementation of Enforcement Logic.  
ClearPass Role Assignment  
Configuring Services  
Service Selection Logic.  
Implementation of Effective Services in ClearPass  
Wired Authentication  
Wired Access Control  
Enforcement on Wired Networks.  
Endpoint Profiling on Wired Networks  
Configuring Web Services  
Custom Web Content  
ClearPass Skins Web Templates  
Custom Informational Webpages  
Introduction to Guest  
Guest Access with Captive Portal.  
Web-Based Authentication  
Guest Access with MAC Caching.  
Guest Account Management  
Guest Access with Self Registration.  
The Self-Service Guest Access Experience.  
Configuring a Self-Registration Portal.  
Configuring Self-Registration with Internal Sponsorship

## **Follow on courses**

Implementing Aruba ClearPass (IAC)

## **Test and Certification**

This course is part of the following Certifications: Aruba Certified ClearPass Associate (ACCA)

## **Session Dates**

Su richiesta. Contattaci al n.ro +39 0471 099134 oppure via mail a [training.ecs.it@arrow.com](mailto:training.ecs.it@arrow.com)

## **Informazioni aggiuntive**

[Questa formazione è disponibile anche come formazione in loco. Per favore, contattaci per saperne di più.](#)