

## **Enterprise Computing Solutions - Education Services**

# **TRAINING OFFERING**

Puoi raggiungerci qui

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CODE: LENGTH: PRICE:

ARU CPE 40 Hours (5 days) Request Price

## **Description**

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 <a href="https://example.com/Aruba-Certified ClearPass Professional exam">Aruba Certified ClearPass Professional exam (ACMP) v6.5</a> 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.

<u>Wireless Fundamentals</u> gives a brief overview of the wired networking principles used in Aruba products.

## **Programme**

### **Course Contents**

#### Introduction to Aruba, a Hewlett Packard Enterprise Company

Describe market trends that are causing customers to transform in four key Transformation Areas

Describe how Aruba delivers the digital workplace

Switch CLI (Command Line Interface) Navigation

Describe out-of-band management

Complete the initial setup on ArubaOS switches

Verify configuration

**Protecting Management Access** 

Explanation of in-band management

Protect in-band and out-of-band management access

Configure local authentication

Control the privilege level allowed to managers

Management of Software and Configurations

Overview of ArubaOS and file structures

Different methods for setting the software from which to boot

Software update

Saving and restoring configurations

**VLANS** 

Explain use cases for VLANs

Configure port-based VLANs on ArubaOS switches, using appropriate tagging

Implement basic IP routing between directly connected VLANs or links

Spanning Tree Protocol (STP)

Understand and configure Rapid Spanning Tree Protocol (RSTP)

Understand how Multiple Spanning Tree Protocol (MSTP) provides load sharing and implement MSTP

Link Aggregation

Differentiate between different types of link aggregation and understand the benefits of Link Aggregation Control Protocol (LACP)

Configure and troubleshoot link aggregation on ArubaOS switches

IP Routing

Configure static routes on ArubaOS switches

Interpret IP routing tables

Configure a basic OSPF solution

Virtual Switching Framework (VSF)

Understand how VSF works and the advantages that it provides

Configure and verify a simple VSF fabric

Wireless for Small-to-Medium Businesses (SMBs)

Understand the basics of wireless communications and 802.11 standards

Define a WLAN and differentiate between wireless security options

Configure basic settings on Aruba Instant Access Point (IAP)

Form an Aruba Instant cluster

Aruba AirWave

Configure AirWave management settings on an IAP cluster

Configure SNMP v2c settings on ArubaOS switches

Discover ArubaOS switches in AirWave and bring switches and IAPs under monitoring and management

Implement zero touch provisioning (ZTP) for Aruba IAPs and ArubaOS switches

#### **Session Dates**

Su richiesta. Contattaci al n.ro +39 0471 099134 oppure via mail a training.ecs.it@arrow.com

## Informazioni aggiuntive

Questa formazione è disponibile anche come formazione in loco. Per favore, contattaci per saperne di più.