



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

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**Puoi raggiungerci qui**

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## ClearPass Essentials (CPE) - ACCPv6.5

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 Aruba Certified ClearPass Professional exam (ACMP) v6.5 proctored 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.  
Wireless Fundamentals gives a brief overview of the wireless 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](mailto:training.ecs.it@arrow.com)

## **Informazioni aggiuntive**

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