Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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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 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.
Wireless Fundamentals 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.