Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Implementing Aruba Mobility - ACMP

CODE:	LENGTH:	PRICE:
ARU_SWDI	40 Hours (5 days)	kr33,000.00

Description

This course teaches the knowledge, skills and practical experience required to set up and configure advanced features on Aruba WLAN utilizing the AOS 8.X architecture and features. This course includes lectures and labs which provide the technical understanding and hands-on experience of configuring a redundant Mobility Master with two controllers and two APs.

Participants will learn how install a redundant Aruba WLAN network with clustering while using many features like Multizone for guest access, voice optimization and tunneled node. This course includes the AirWave management system and troubleshooting commands.

The SWDI course provides the underlying material required to prepare candidates for the Aruba Certified Mobility Professional (ACMP) v8 certification exam.

Audience

IT professionals who deploy Aruba WLAN with advanced features and individuals who need a basic understanding of AirWave.

Prerequisites

Aruba Certified Mobility Associate (ACMA) v8 certification (Recommended)
Implementing Aruba WLANs (IAW) 8 course (Recommended)
Ability to provision an Aruba controller with multiple SSIDs, captive portal and 802.1X.
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.
Wirless Fundamentals gives a brief overview of the wired networking principles used in Aruba products.

Programme

IntroductionReview topics from the IAW V8 course AP terminology GUI Hierarchy WLAN forwarding modes
Explain the features of AOS 8 **Mobility Master Redundancy** Explain VRRP setup DB synchronization procedures
Validating MM DB synchronization **Mobility Master and MC Operations** Grow the network to multiple controllers
Review the configuration hierarchy MC deployments methods Explain advanced license features **Multizone** Describe Multizone
Explain Multizone AP functional flow Describe the functions of primary and data zones Troubleshooting Multizone setup
Introduction to MC clusters Reviews advantages of a MC cluster The cluster leader election process Define the MC cluster roles
AP and user mapping into a cluster Requirements for hitless cluster failover AP and user load balancing within the cluster **Mobility**
Explain standard 802.11 roaming Describe single and multi-controller roaming Define the advantages of cluster mobility
Role Derivation Review of policies and rules Explains role derivation using VSAs Description of user rules
Description of authentication default roles Explains how to troubleshoot role derivation **Remote Access**
Review of all remote access methods RAP/ VIA / IAP-VPN / branch controller Explains RAP certification and setup methods
Configuration of RAP WLAN Explores the options for RAP redundancy Explains how to troubleshoot RAP setup
VIA configuration, downloading and installation Explains how to troubleshoot VIA setup **Voice Optimization** Review of voice QOS
Explanation of WMM Description of UCC Heuristic and SDN API mode Monitoring and troubleshooting voice connections **Mesh**
Explains mesh networks and technology Configuration of mesh clusters **Administration**
Explains management accounts and password reset Configuration of guest provisioning accounts
The use of authentication using RADIUS or TACACS Describes how to disable console access **Operations**
Explains how to upgrade new images Describes AP preloading Explains cluster in service upgrade Auto roll backs of configuration Describes loadable in service r
AirGroupExplains the Aruba AirGroup solution Configuration of AirGroup with limitations Explores the integration with ClearPass
Monitoring AirGroup servers and users **Tunneled Node** Explains port based tunneled node Explains user based tunneled node
Describes the interaction between switches and Mobility controllers Explains how to troubleshoot tunnel connections
AirWave Introduction Explains the different features of AirWave The use of groups and folders AirWave features description
Configuration of device credentials and adding devices **AirWave Network Health** Explains diagnostic page indications
Describe network health graphs to identify network issues Performance graphs to help in network planning
The use of clarity to direct administrator to the source of the problem **AirWave Client and Device Troubleshooting**
Explains how to find a client and troubleshoot association issues Diagnosing associated client issues
Investigating client SNR Describes AP, network and controller diagnosing Explains how to monitor a MC cluster within AirWave
AirWave VisualRF, Reports and Alerts Explains the different VirtualRF display options
Describes the VisualRF application monitoring Configuration of triggers to create alerts
Generation of 22 type of reports as well as custom reports

Session Dates

På begäran, kontakta oss

Ytterligare information

Denna utbildning finns också som utbildning på plats. Kontakta oss för mer information.