Enterprise Computing Solutions - Education Services

NABÍDKA ŠKOLENÍ

Prosím kontaktujte nás zde

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Implementing Aruba Mobility

Kód:	DÉLKA:	CENA:
ARU_IAM	40 Hours (5 dní)	Kč 86,000.00

Description

Cena školení je 3200EUR a bude přepočtena aktuálním kurzem v poslední den konání.
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.

Cíle

After you successfully complete this course, expect to be able to:
Explain the integration Mobility Masters and Mobility controllers
Describe redundancy giving the user seamless failover
Setup secure guest access using Multizone
Explain the uses and advantages of clustering
Describe user mobility in the wireless spectrum
Integrate voice over WiFi and give QOS
Explain how roles are assigned to users wireless or wired
Learn to setup remote access using RAPs or VIA
Describe how to create a mesh cluster
Learn the advantages given to AirGroup when leveraged on an Aruba network
Integrating wire users into the security given to wireless users
Learn how to use AirWave to monitor the health of the network
Learn how to useAirWave to troubleshoot client
Explain AirWave's Virsual RF feature as well as alerts and triggers

Určeno pro

Typical candidates for this course are IT professionals who deploy Aruba WLAN with advanced features and individuals who need a basic understanding of AirWave.

Vstupní znalosti

Suggested prerequisites Implementing Aruba WLANs course.

Program

> Introduction
Review 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

> Introduction to MC clusters
Reviews advantages of a MC cluster
> Multizone
The cluster leader election process
Describe Multizone
Defines the MC cluster roles
Explain Multizone AP functional flow
AP and user mapping into a cluster
Describe the functions of primary and data zones
Requirements for hitless cluster failover
Troubleshooting Multizone setup
AP and user load balancing within the cluster
> Role Derivation
Review of policies and rules
> Mobility
Explains role derivation using VSAs
Explain standard 802.11 roaming
Description of user rules
Describes single and multi-controller roaming
Description of authentication default roles
Defines the advantages of cluster mobility
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
> Voice Optimization
Explores the options for RAP redundancy
Review of voice QOS
Explains how to troubleshoot RAP setup
Explanation of WMM
VIA configuration, downloading and installation
Description of UCC Heuristic and SDN API mode
Explains how to troubleshoot VIA setup
Monitoring and troubleshooting voice connections
> Administration
Explains management accounts and password reset
> Mesh
Configuration of guest provisioning accounts
Explains mesh networks and technology
The use of authentication using RADIUS or TACACS
Configuration of mesh clusters
Describes how to disable console access
> Operations
Explains how to upgrade new images
> AirGroup
Describes AP preloading
Explains the Aruba AirGroup solution
Explains cluster in service upgrade
Configuration of AirGroup with limitations
Auto roll backs of configuration
Explores the integration with ClearPass
Describes loadable in service modules
Monitoring AirGroup servers and users
> Tunneled Node
> AirWave Introduction
Explains port based tunneled node
Explains the different features of AirWave
Explains user based tunneled node
The use of groups and folders
Describes the interaction between switches and Mobility controllers
AirWave features description
Explains how to troubleshoot tunnel connections
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
> AirWave VisualRF, Reports and Alerts
Diagnosing associated client issues
Explains the different VirtualRF display options
Investigating client SNR
Describes the VisualRF application monitoring
Describes AP, network and controller diagnosing
Configuration of triggers to create alerts
Explains how to monitor a MC cluster within AirWave
Generation of 22 type of reports as well as custom reports

Termíny školení

Termíny školení na vyžádání, kontaktujte nás prosím

Dodatečné informace

Školení je možné zajistit na míru. Kontaktujte nás pro bližší informace.