

Enterprise Computing Solutions - Education Services

NABÍDKA ŠKOLENÍ

Prosím kontaktujte nás zde

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MILLION Implementing Aruba Mobility

Kód: DÉLKA: CENA:

ARU IAM 40 Hours (5 DENNÍ) Kč bez DPH 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

> 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

Defines 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

Describes single and multi-controller roaming

Defines 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 modules

> AirGroup

Explains 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

Termíny školení

Termíny školení na vyžádání, kontaktujte nás prosím

Dodatečné informace

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