



Enterprise Computing Solutions - Education Services

## NABÍDKA ŠKOLENÍ

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**Prosím kontaktujte nás zde**

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# Implementing Aruba Mobility

**Kód:** ARU\_IAM      **DÉLKA:** 40 Hours (5 DENNÍ)      **CENA:** 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 to 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 use AirWave to troubleshoot client
- Explain AirWave's Virtual 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		> Mobility Master and MC Operations
Review topics from the IAW V8 course		Grow the network to multiple controllers
AP terminology	> Mobility Master Redundancy	Review the configuration hierarchy
GUI Hierarchy	Explain VRRP setup	MC deployments methods
WLAN forwarding modes	DB synchronization procedures	Explain advanced license features
Explain the features of AOS 8	Validating MM DB synchronization	

	> 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	> AirWave VisualRF, Reports and Alerts
Explains how to find a client and troubleshoot association issues	Explains the different VirtualRF display options
Diagnosing associated client issues	Describes the VisualRF application monitoring
Investigating client SNR	Configuration of triggers to create alerts
Describes AP, network and controller diagnosing	Generation of 22 type of reports as well as custom reports
Explains how to monitor a MC cluster within AirWave	

## Termíny školení

Termíny školení na vyžádání, [kontaktujte nás prosím](#)

## Dodatečné informace

Školení je možné zajistit na míru. [Kontaktujte nás pro bližší informace.](#)