



Enterprise Computing Solutions - Education Services

NABÍDKA ŠKOLENÍ

Prosím kontaktujte nás zde

Arrow ECS, a.s., 28. října 3390/111a, 702 00 Ostrava

Email: training.ecs.cz@arrow.com
Phone: +420 597 488 811



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 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

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|--------------------------------------|----------------------------------|--|
| > Introduction | | |
| Review topics from the IAW V8 course | | |
| AP terminology | > Mobility Master Redundancy | > Mobility Master and MC Operations |
| GUI Hierarchy | Explain VRRP setup | Grow the network to multiple controllers |
| WLAN forwarding modes | DB synchronization procedures | Review the configuration hierarchy |
| Explain the features of AOS 8 | Validating MM DB synchronization | MC deployments methods |
| | | Explain advanced license features |

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| > Multizone | > Introduction to MC clusters |
| Describe Multizone | Reviews advantages of a MC cluster |
| Explain Multizone AP functional flow | The cluster leader election process |
| Describe the functions of primary and data zones | Defines the MC cluster roles |
| Troubleshooting Multizone setup | AP and user mapping into a cluster |
| | Requirements for hitless cluster failover |
| | 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.](#)