Enterprise Computing Solutions - Education Services

NABÍDKA ŠKOLENÍ

Prosím kontaktujte nás zde

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Aruba Mobility Fundametals

Kód:	DÉLKA:	CENA:
ARU_MOB_FUN	24 Hours (3 DENNÍ)	Kč bez DPH 59,200.00

Description

Cena školení je 2200EUR a bude přepočtena aktuálním kurzem v poslední den konání.
This course teaches the knowledge, skills and practical experience required to set up and configure a basic Aruba WLAN utilizing the OS 8.X architecture and features. Using lecture and labs, this course provides the technical understanding and hands-on experience of configuring a single Mobility Master with one controller and AP Aruba WLAN. Participants will learn how to use Aruba hardware and ArubaOS to install and build a complete, secure controller network with multiple SSIDs.

This course provides the underlying material required to prepare candidates for the Aruba Certified Mobility Associate (ACMA) V8 certification exam.

Cíle

After you successfully complete this course, expect to be able to:
Explain how Aruba's wireless networking solutions meet customers' requirements
Explain fundamental WLAN technologies, RF concepts, and 802.11 Standards
Learn to configure the Mobility Master and Mobility Controller to control access to the Employee and Guest WLAN
Control secure access to the WLAN using Aruba Firewall Policies and Roles
Recognize and explain Radio Frequency Bands and channels, and the standards used to regulate them
Describe the concept of radio frequency coverage and interference and successful implementation and diagnosis of WLAN systems
Identify and differentiate antenna technology options to ensure optimal coverage in various deployment scenarios
Describe RF power technology including, signal strength, how it is measured and why it is critical in designing wireless networks
Learn to configure and optimize Aruba ARM and Client Match features
Learn how to perform network monitoring functions and troubleshooting

Určeno pro

Typical candidates for this course are IT Professionals who deploy small-to-medium scale enterprise network solutions based on Aruba products and technologies.

Program

> WLAN Fundamentals
Describes the fundamentals of 802.11, RF frequencies and channels
Explain RF Patterns and coverage including SNR
Roaming Standards and QOS requirements
> Mobile First Architecture
An introduction to Aruba Products including controller types and modes
OS 8.X Architecture and features
License types and distribution
> Mobility Master Mobility Controller Configuration
An introduction to Aruba Products including controller types and modes
OS 8.X Architecture and features
License types and distribution

> Secure WLAN configuration
Identifying WLAN requirements such as SSID name, encryption, authentication
Explain AP groups structure and profiles
Configuration of WLAN using the Mobility Master GUI
> AP Provisioning
Describes the communication between AP and Mobility controller
Explain the AP booting sequence and requirements
Explores the APs controller discovery mechanisms
Explains how to secure AP to controller communication using CPSec
Describes AP provisioning and operations
> WLAN Security
Describes the 802.11 discovery, authentication and association
Explores the various authentication methods, 802.1x with WPA/WPA2, Mac auth
Describes the authentication server communication
Explains symmetric vs asymmetric Keys, encryption methods
WIPS is described along with rogue discovery and protection
> Firewall Roles and Policies
An introduction into Firewall Roles and policies
Explains Aruba's Identity based Firewall
Configuration of Policies and Rules including aliases
Explains how to assign Roles to users
> Dynamic RF Management
Explain how ARM calibrates the network selecting channels and power settings
Explores the new OS 8.X Airmatch to calibrate the network
How Client match steers clients to better APs
> Guest Access
Introduces Aruba's solutions for Guest Access and the Captive portal process
Configuration of secure guest access using the internal Captive portal
The configuration of Captive portal using Clearpass and its benefits
Creating a guest provisioning account
Troubleshooting guest access
> Network Monitoring and Troubleshooting
Using the MM dashboard to monitor and diagnose client, WLAN and AP issues
Traffic analysis using APPrf with filtering capabilities
A view of Airwaves capabilities for monitoring and diagnosing client, WLAN and AP issues

Termíny školení

Termíny školení na vyžádání, kontaktujte nás prosím

Dodatečné informace

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