

WIRELESS TRAINING

PROFESSIONAL SERVICES

Implementing Aruba WLANs

Code: PS-TR-ARB-01

Duration : 2 days

Target Audience : Customers needing the basic knowledge and skills to implement a single controller Aruba WLAN.

Course Description

Implementing Aruba WLANs (IAW) course is designed to provide students the knowledge, skills and practical experience required to set up and configure a basic Aruba WLAN. The class provides the technical understanding and hands-on experience of configuring a single-controller, single AP Aruba WLAN. Students will practice using Aruba hardware and ArubaOS to install and build a complete, secure single-controller network with multiple SSIDs. The course is based on ArubaOS 6.1.

Course Prerequisites

- ▶ Students are expected to come to the class with knowledge of Aruba's products.
- ▶ A conceptual knowledge of VLANs and network data flow & control helps frame the specifics of Aruba's network architecture.
- ▶ Basic LAN & WLAN terminology and concepts.
- ▶ Knowledge of wired and wireless networking design and operations.

Course Contents

- ▶ Aruba Architecture and Features.
- ▶ Overview of Aruba OS GUI and CLI commands.
- ▶ Mobility Controller initial setup and licensing using ArubaOS wizards.
- ▶ Aruba Wireless LAN Configuration.
- ▶ Use Visual RF Plan to determine your pre-deployment placement of Aps.
- ▶ Import Visual RF Plan to AirWave.
- ▶ Overview of Aruba's "ARM", Adaptive Radio Management feature.
- ▶ Use the integrated Spectrum Analyzer to monitor RF environment and device classification.
- ▶ Provisioning Aruba thin APs using wizards and the GUI.
- ▶ Implementing network firewalls through Aruba roles and policies.
- ▶ Implementing various WLAN authentication policies including most secure 802.1x, and Enterprise WPA and WPA2 methods.
- ▶ Using WLAN policies to create a Secure Guest access with Aruba's Captive Portal features.
- ▶ Remote Access Point (RAP).
- ▶ Overview of Aruba Controller Operations and Maintenance procedures and commands.



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