

ARUBA MOBILITY FUNDAMENTALS



HEEFT U NOG VRAGEN OF WENST U MEER INFORMATIE?
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ARUBA MOBILITY FUNDAMENTALS

Het ontwerpen, opzetten en configureren van een basis Aruba Wireless Local Area Network (WLAN) dat gebruik maakt van de architectuur en functies van het V8.X besturingssysteem.

LIJST VAN ONDERWERPEN

WLAN Fundamentals

- Fundamentals of 802.11, RF frequencies and channels
- 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

- Understanding Groups and Subgroups
- Different methods to join MC with MM
- Understanding Hierarchical Configuration

Secure WLAN configuration

- Identifying WLAN requirements such as SSID name, encryption, authentication
- AP groups structure and profiles
- Configuration of WLAN using the Mobility Master GUI

AP Provisioning

- Communication between AP and Mobility controller
- AP booting sequence and requirements
- APs controller discovery mechanisms
- How to secure AP to controller communication using CPsec
- AP provisioning and operations

WLAN Security

- 802.11 discovery, authentication and association
- Various authentication methods, 802.1x with WPA/WPA2, Mac auth
- Authentication server communication
- Symmetric vs asymmetric Keys, encryption methods
- WIPS along with rogue discovery and protection

Firewall Roles and Policies

- An introduction into Firewall Roles and policies
- Aruba's Identity based Firewall
- Configuration of Policies and Rules including aliases
- How to assign Roles to users

Dynamic RF Management

- How ARM calibrates the network selecting channels and power settings
- Exploring the new OS 8.X Airmatch to calibrate the network
- How Client match steers clients to better APs

Guest Access

- 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

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