

ExtremeWireless Core (EWC)

ID EWC Price on request Duration 5 days

Course Content

Solution Overview

- ExtremeWireless Landscape
- WiNG at a glance
- What's New In WiNG 7
- 11ax Introduction
- WPA3 Introduction
- Dual Mode Capability
- ExtremeWireless WiNG hardware overview

Configuration Model

- ExtremeWireless WiNG configuration model concepts such as RF Domain, Profile, Device overrides, WLAN and Policy
- Final device configuration

Mint Protocol

- MiNT protocol link layers and link levels
- Forming MiNT links

AP Adoption

- Finding a controller using L2 and L3 adoption
- Understanding and configuring L2 and L3 adoption

Zero Touch Provisioning

- Describing the provisioning policy
- Provisioning policy wildcards

Supported Deployments and Provisioning

- Reference designs for single and central site/multi-site deployments
- Scalability considerations
- General best practices and common design mistakes

Clustering

- Clustering overview
- Clustering setup

Virtual Controller

- VC overview
- VC configuration

Initial Configuration

- Initial device setup
- Resetting APs to factory defaults
- Configure management access settings via Management Policy

Software Management

- Mixed mode
- Image types
- Software upgrade

Wireless LANs

- WLAN configuration
- WLAN forwarding modes
- WLAN assignments, authentication methods, and encryption
- AAA Policy
- QoS policies and mappings

Advanced WLAN Features

- Configuring SMART RF
- Using SMART RF statistics to analyse WLAN state and potential issues
- WLAN optimization features

Integrated Services

- DHCP server
- Radius server
- Role Based Access Control (RBAC)
- IPsec VPN

Captive Portal

- Hotspot deployment options and defining policies
- Authentication methods used to verify user registrations
- Enforcing authentication methods
- User and device registration and notification methods

Security Features

ExtremeWireless Core (EWC)

- Stateful L2+ Distributed Firewall features
- Firewall SPI, IP ACLs, ACLS, DOS detection, and storm control
- Variations of Wireless IPS (WIPS)

Mesh Features

- MeshConnex overview
- Opportunistic Rate Link Adaption (ORLA)
- Configuring MeshConnex

Troubleshooting and Remote Diagnostics

- Troubleshooting rules and processes
- Different levels of log messages (log file, CLI, or remote syslog)
- Live packet capture, different capture modes, and using capture points and filters
- Remote debugging on the captive portal
- Opening GTAC case

NSight

- NSight overview
- Using NSight for monitoring and troubleshooting

Extreme Guest

- Extreme Guest overview and features

Location Sensor

- Extreme Location Sensor
- Configuring WiNG to support Extreme Location

What's new?

- Recent firmware releases overview

ExtremeWireless Core (EWC)

Training Centres worldwide



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