

# 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

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- 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

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## Training Centres worldwide



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