

# 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**

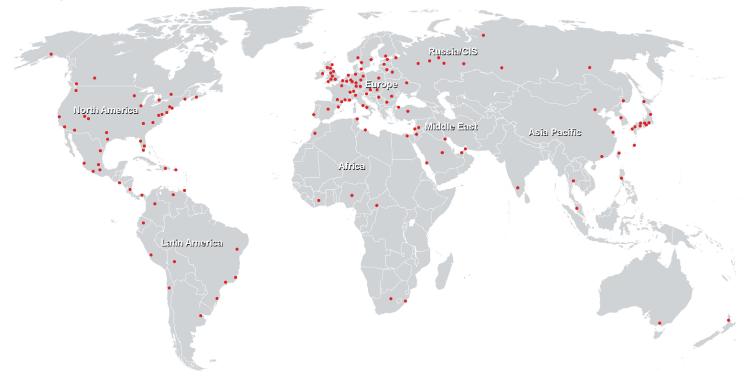
- Extreme Location Sensor
- Configuring WiNG to support Extreme Location

## What's new?

• Recent firmware releases overview

## ExtremeWireless Core (EWC)

## Training Centres worldwide





## Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3 CH-8304 Wallisellen Tel. +41 44 832 50 80

info@flane.ch, https://www.flane.ch