Training: Extreme Networks
# Extreme Platform ONE™ - Wireless - Installation & Configuration

## TRAINING GOALS:

This two – day instructor – led course provides the foundational knowledge and hands – on skills required to install, deploy, configure, and manage wireless networks using Extreme Platform ONE. Participants will learn how to navigate the Extreme Platform ONE interface, create the required organizational and site structure, onboard wireless access points, configure wireless network policies, deploy SSIDs, apply security settings, and validate wireless connectivity. The course also introduces the use of Extreme Platform ONE intelligence and AI – assisted capabilities to support daily wireless operations. Hands – on exercises reinforce the concepts presented throughout the course and provide participants with practical experience deploying and managing a Extreme Platform ONE wireless environment.

### Course Objectives

Upon completion of this course, students will have gained the working knowledge to:

- Navigate the Extreme Platform ONE console and manage access, roles, and subscriptions
- Build a scaled site hierarchy — sites, buildings, floors, and floor plans — to support wireless coverage and heat maps
- Create network policies, management/native VLANs, and common objects reused across wireless deployments
- Onboard Universal APs and understand the boot/CAPWAP sequence and region/country fingerprinting
- Configure SSIDs using PSK, PPSK, and 802.1X/Enterprise authentication, and map clients to the correct VLAN via user profiles
- Apply Wi – Fi design and RF fundamentals, build AP templates and radio profiles, and tune radios (including the fourth – radio dedicated sensor)
- Place APs, deploy the wireless configuration, and validate a real client end – to- end (association → authentication → VLAN/IP → traffic)
- Monitor the wireless network (Dashboard, Device Detection | Visualize, Device 360, Clients), respond to alerts, and perform day – to- day operations and troubleshooting

### Audience



Exclusive Networks Deutschland GmbH
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This course is for personnel who install, deploy, and configure wireless networks using Extreme Platform ONE. Installation and Configuration is the mandatory first step on the progression path to the professional certification.

- Network administrators
- Wireless network engineers
- Pre/Post sales Partner engineers
- Technical support personnel
- Solutions architects
- Implementation and professional services personnel.

## CONSPECT:

- Extreme Platform ONE Orientation & Navigation
- Access, Roles & Subscriptions
- Site Hierarchy & Design (sites, buildings, floors, floor – plan scaling)
- Network Policy - Management Services (DNS, NTP, SNMP, Syslog, credentials)
- VLANs & Management Options
- Common Objects
- Device Onboarding & Inventory (Universal AP boot/CAPWAP, region/country fingerprinting)
- Wireless Device Configuration & SSIDs (PSK / PPSK / Enterprise, user profiles, AP templates, deploy & validate)
- Wi- Fi Design & RF Fundamentals
- Radio Profiles & RF Tuning
- PPSK - Private Pre – Shared Key
- Creating Switch templates through Platform ONE
- Monitoring - Dashboard, Visualize, Network Devices, Device 360, Clients
- Alerts, Notifications & Operational Health
- Operations, Diagnostics & Maintenance

## REQUIREMENTS:

Mandatory Prerequisite: None as a formal course prerequisite. Attendees should have a working knowledge of LAN fundamentals (Ethernet, VLANs, TCP/IP) and basic 802.11 / Wi – Fi concepts (bands, channels, RSSI/SNR).

## Difficulty level





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## CERTIFICATE:

Participants who pass the Extreme Networks Certified Professional in Extreme Platform ONE™ - Wireless Lab Assessment will receive a certificate signed by Extreme Networks - Extreme Networks Certified Professional in Extreme Platform ONE™ - Wireless.

## TRAINER:

Authorized Extreme Networks Trainer



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