Szkolenie: Extreme Networks
Extreme Wireless Cloud

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<th>FORMA SZKOLENIA</th>
<th>MATERIAŁY SZKOLENIOWE</th>
<th>CENA</th>
<th>CZAS TRWANIA</th>
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<td>Stacjonarne</td>
<td>Cyfrowe</td>
<td>1000 USD NETTO*</td>
<td>2 dni</td>
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* (+VAT zgodnie z obowiązującą stawką w dniu wystawienia faktury)

LOKALIZACJE

Kraków - ul. Tatarska 5, II piętro, godz. 9:00 - 16:00
Warszawa - ul. Bielska 17, godz. 9:00 - 16:00

DOSTĘPNE TERMINY

2020-07-30  | 2 dni  | TRYB ZDALNY
2020-07-30  | 2 dni  | Virtual Classroom

Cel szkolenia:

Former name of this course is ACMA (Aerohive Certified Mobility Administrator).

Extreme Wireless Cloud training provides Extreme Networks customers and partners theoretical and practical hands-on training to give students a better understanding of Extreme Networks Cloud Wi-Fi technologies. Students will also learn how to manage and orchestrate Extreme Wireless Cloud from within the ExtremeCloud IQ management platform.

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

- Understand the Cloud Services platform
- Understand the evolution of distributed architecture
- Take a first look at ExtremeCloud IQ
- Understand the basics of WLAN technologies
- How APs connect to and communicate with the ExtremeCloud IQ
- An intro to the Guided Configuration of Objects
- Learn about the Client monitoring features within ExtremeCloud IQ
- Defining all user traffic settings
- A primer on 802.1x troubleshooting
Looking at the capabilities of the Network 360 tool and the richness of its data
Understanding the benefits of PPSK on a WLAN
Assigning WiFi-settings to the radios in an AP
Defining global port settings
An introduction to SDR
How to use and create CCGs
Understanding the use cases for classification
Combining Classification Rules for user VLANs using CCGs
Using Management and Native VLANs to optimize deployment
Looking at some of the diagnostic tools available within ExtremeCloud IQ
Basic Administration walk through
How to do firmware updates using ExtremeCloud IQ
What you need to know about the ExtremeWireless exam

Target Audience
This course is designed for individuals responsible for the configuration, management, maintenance, and support of the Extreme Wireless Cloud solution.

Plan szkolenia:

- Solution Overview
  - Global Data Centers
  - Regional Data Centers
  - ISO 27001
  - GDPR and Privacy
  - Private Cloud
  - Local Cloud
  - Wireless Hardware
- Distributed Architecture
  - Understanding the evolution of distributed architecture
  - Distributed Control
  - Cooperative Control Protocols
- ExtremeCloud IQ
  - Taking a first look at ExtremeCloud IQ
  - Logging in for the first time
- WLAN Design Concepts
  - Coverage Design
Roaming
Layer 2 Retransmissions
Capacity Design
Airtime Consumption
Co-Channel Interference
Antennas

Device Discovery and Provisioning
Device Redirection Services and Auto-Discovery
Auto-discovery for on-premises
Management Protocols and Device Updates
Adding Devices into ExtremeCloud IQ

Guided Configuration and Object Management
Guided Configuration of Objects
Clone Tool

Monitoring Clients, Users and Client 360
Monitoring Clients
Monitoring Devices

User Profiles
Defining VLANs
Firewalls
Tunnelling
Rate Limiting
URL Filtering
Availability Schedule
Assignment Rules

Troubleshooting 802.1x
IEEE 802.1X with EAP
802.1X Troubleshooting

Network 360
Monitor View
Device Health
Client Health
WiFi Health
Network Health
Services Health
Application Health
- Security Health
- Private Pre-Shared Key (PPSK)
  - Understanding PPSK
  - 802.1X/EAP
  - Mapping User Profiles to User Groups
  - User Groups
  - PPSK Credential storage
  - RadSec Proxies
  - Secure Access with Cloud PPSK
  - RadSec Troubleshooting
- Radio Profiles
  - Showing Radio Profiles through a Lab
- Device Templates
  - AP Device Templates
  - Radio Settings
  - Radio Usage
  - Mesh
  - Exclude Channels
  - Transmit Power Control
- Software Defined Radio (SDR)
  - Dual Band APs
  - Dual 5GHz WLAN design
  - SDR Radio Profile
- Cloud Config Groups and Classification Rules
  - Cloud Config Groups - What are they?
  - Classification Rules
  - Joining CCGs and Classification Rules
- Classification Rules
  - VLAN Objects
  - Captive Web Portals
  - Time Zone Objects
  - Use Cases
  - Server Objects
  - AP Device Templates
  - SSIDs
- Deployment Optimization
Management and Native VLANs
Using Trunked Ports and VLANs
AP and VLAN guidelines
Configuring rollback timer

- **ExtremeCloud IQ Diagnostic Tools**
  - Device Diagnostic Tools
  - Ping
  - Points of Failure
  - VLAN Probe
  - Common CLI Commands

- **Dashboards**
  - Network
  - Reports
  - Diagnostics
  - Inventory
  - Insights – Comparative Analysis
  - Insights – Proximity
  - Insights – Presence

- **ExtremeCloud IQ Administration**
  - Communications
  - Account Management
  - Administrator Accounts
  - Internal Admin Accounts
  - External Admin Accounts
  - Role Based Access Control
  - Global Settings – Logs
  - Global Settings – Audit Logs

- **Firmware Updates**
  - How to do firmware updates using Extreme Cloud IQ

- **ExtremeWireless Cloud Exam**
  - What you need to know about the Extreme Wireless Cloud Exam

**Wymagania:**

Students should have a working knowledge of networking concepts and a basic understanding of WiFi technologies although prior experience of WLAN design and deployment is helpful.
Certyfikaty:

The participants will obtain certificates signed by Extreme Networks.

This course prepares also for the Extreme Certified Specialist (ECS) – Extreme Wireless Cloud certification exam validates your knowledge and understanding about Extreme Wireless Cloud WLAN architecture as well as how to properly configure, deploy, manage and troubleshoot this solution.

More information about Extreme Networks certification program and available certification levels you can find on the [http://www.extremenetworks.com/education/certifications/](http://www.extremenetworks.com/education/certifications/)

Prowadzący:

Authorized Extreme Networks Trainer.