

Configuring, Optimizing & Troubleshooting Cisco Meraki Wireless Workshop (MERAKE)

Course Outline

Module 1 - Wireless Overview

Module 2 - Meraki Wireless Hardware

Meraki AP Indoor Portfolio

Meraki AP Outdoor Portfolio

Antennas

Module 3 - Meraki: Connecting a Meraki AP

Dashboard Overview

Add an Access Point

AP – Management

VLAN Tagging

Module 4 - Meraki: SSID

Creating SSIDs

SSID Availability

SSID IP Assignment and Roaming Modes

Encryption and Authentication

Configuring and Using Splash Pages

Meraki Cloud Hosted Attention

Central Web Auth (CWA) with Cisco ISE

Adult content Filtering

Layer 3 Firewall Rules

Layer 7 Firewall Rules

Bandwidth Rules

Shaping Rules

QoS

NAC

Group Policy

Blacklisting

Module 5 - Meraki: Radio Settings

Configuring the Radio

Wireless RF Spectrum

TX Power

Band Steering

Rates

Module 6 - Meraki: Monitoring and Troubleshooting

Air Marshal

Packet Capture

Maps

Configuring Network Alerts

Managing Clients

AP Tools

Summary Reports

PCI Reports

Firmware Upgrade

Module 7 - Meraki Analytics

Module 8 - High Density Recommendations

High Density

Mobile Dashboard App

AP Setup for Survey Mode