



## Engineering Cisco Meraki Solutions Part 1 (ECMS1) v2.0

The Engineering Cisco Meraki Solutions Part 1 (ECMS1) v2.0 is an introductory course that equips you with the technical knowledge and skills to confidently operate Cisco Meraki solutions as a unified management system of an entire network from a centralized dashboard. Through a full day of instruction including live demos and guided lab practice, you will learn how to implement core configurations for a full stack solution in the Meraki Dashboard and leverage essential Meraki Dashboard tools to enforce device security policies, deploy software and apps, and perform remote, live troubleshooting on managed devices.

This is the first of two courses that prepare you for the Cisco Meraki Solutions Specialist certification exam.

### How you'll benefit

This class will help you:

- Learn the skills, technologies, and best practices you need to deploy Cisco Meraki solutions and operate the Meraki platform
- Validate your knowledge and prepare to take the Cisco Meraki Solutions Specialist certification exam

### Why Attend with Current Technologies CLC

- Our Instructors are the top 10% rated by Cisco
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs run up to Date Code for all our courses



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### Objectives

Upon completing this course, the student will be able to meet these objectives:

- Describe cloud architecture, administration, and licensing
- Understand hardware and features of all product families
- Implement best practices for troubleshooting and when to contact support

### Who Should Attend

The primary audience for this course is as follows:

- Meraki operators interested in introductory-level technical training or in preparing for the Cisco Meraki Solutions Specialist certification
- Anyone who would like to gain experience in understanding, configuring, and troubleshooting Meraki networking environments with the Meraki Dashboard

### Prerequisites

Before taking this course, you should have earned a CCNA certification or be familiar with:

- Basic network fundamentals and building simple LANs
- Basic IP addressing and subnets
- Routing and switching fundamentals
- Basic wireless networking concepts and terminology

Recommended Cisco offerings that may help you meet these prerequisites:

- Implementing and Administering Cisco Solutions (CCNA)

#### Course Duration

1 day

#### Course Price

\$1,195.00

#### Methods of Delivery

- Instructor Led
- Virtual ILT

#### Certification Exam

500-220

#### Cisco CE Credits

N/A



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### Course Outline

#### Module 1: Describing the Cloud and the Cisco Meraki Dashboard

- Single Pane of Glass Management
- Cisco Meraki Full Stack Capabilities

#### Module 2: Describing Cisco Meraki Products and Administration

- Cisco Meraki MX Security and SD-WAN Appliance
- Cisco Meraki MS Switches

#### Module 3: Describing Cisco Meraki Troubleshooting

- Cisco Meraki Dashboard Sync and Real-Time Tools
- Integration of Cisco Meraki Monitoring and Troubleshooting Tools in Existing Systems

### LAB OUTLINE

- Configuring the Cisco Meraki Dashboard
  - Basic initial device setup
- Enable Advanced Features and Optimize Networking
  - Enable advanced cisco Meraki dashboard features and optimize network
- Troubleshooting the Network using the Cisco Meraki Dashboard
  - Troubleshoot and fine-tune the network and wireless configuration