

## ECMS1

# Engineering Cisco Meraki Solutions Part 1

8 horas

Enterprise Network

Cisco

## INTRODUÇÃO

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.

## OBJETIVO DO CURSO

After taking this course, you should be able to:

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

## PÚBLICO-ALVO

This course is designed for:

- 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

\*If you have already taken CMNO, we do not recommend that you enroll in the course as the content is the same.

The course is also ideal for those who hold the following titles:

- Consulting Systems Engineer
- Deployment Engineer
- Network Administrator
- Network Engineer
- Network Manager
- Site Reliability Engineer
- Systems Engineer
- Technical Solutions Architect
- Wireless Design Engineer
- Wireless Engineer

## PRÉ-REQUISITOS

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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

The following recommended Cisco offering may help you meet these prerequisites:

Implementing and Administering Cisco Solutions (CCNA)

## CONTEÚDO PROGRAMÁTICO

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### Course Outline

Describing the Cloud and the Cisco Meraki Dashboard

Single Pane of Glass Management

Cisco Meraki Full Stack Capabilities

Describing Cisco Meraki Products and Administration

Cisco Meraki MX Security and SD-WAN Appliance

Cisco Meraki MS Switches

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