



Engineering Cisco Meraki Solutions – Part 1 (ECMS1)

Description

Acquire the Essential Foundations of Cisco Meraki Solutions

Our Cisco Meraki training enables you to master the technical skills necessary to efficiently manage a cloud-based network. You will learn how to configure, administer, and troubleshoot various Meraki platforms, while benefiting from best practices to deploy secure network solutions. This course is designed to prepare you for the Cisco Meraki certification, while deepening your knowledge of key modules such as security appliance administration, routing, and wireless network management.

Engineering Cisco Meraki Solutions : A Comprehensive Path for Your Success

Whether you are an experienced professional or just starting in the world of networks, this training offers you a gradual and structured approach. From learning the features of the Meraki dashboard to advanced equipment management, you will be equipped to tackle the complex challenges of network administration.

Course Content

Module 1: Cloud and Dashboard

- Describe the out-of-band control plane
- Describe the advantages of cloud-based solutions
- Describe the organizational structure of the dashboard
- Design appropriate segmentation and permissions for the dashboard
- Describe licensing and co-termination
- Describe and design a basic Meraki network deployment workflow

Module 2: Products and Administration

- Security appliance platform (MX)
 - Design and configure Auto-VPN
 - Design and configure traffic shaping and SD-WAN policies
 - Configure content filtering rules
 - Configure AMP and IDS / IPS
- Switching platform (MS)
 - Configure switch ports using virtual stacking

- Configure L3 routing using OSPF
- WLAN platform (MR)
 - Configure SSIDs and access control settings
 - Configure and secure guest Wi-Fi
 - Design and configure traffic shaping
- Endpoint management platform (SM)
 - Configure device configuration profiles
 - Describe live device tools
- Security cameras platform (MV)
 - Configure video quality and retention settings
 - Configure video walls

Module 3: Operations and Troubleshooting

- Describe and troubleshoot using visibility and monitoring tools
- Configure firmware upgrades
- Describe and configure a scalable network using automation tools
- Configure and troubleshoot networks using live troubleshooting tools
- Describe and troubleshoot by engaging Meraki support

Lab / Exercises

- Official Cisco Lab and Exercises

Documentation

- Digital courseware included

Participant profiles

- Meraki operators interested in technical training at the introductory level or to prepare for Cisco Meraki Solutions Specialist certification

Prerequisites

- Be CCNA certified or have an equivalent level of technical expertise

Objectives

- Implement basic configurations for a complete stack solution in the Meraki dashboard
- Deploy the basic functionalities of the Meraki product to meet basic IT requirements
- Understanding and using the essential tools of the Meraki dashboard for troubleshooting

Description

Engineering Cisco Meraki Solutions Training - Part 1

Niveau

Intermédiaire

Virtual Classroom Registration Price (CHF)

870

Duration (in Days)

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Reference

CIS-ECMS1