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Register

CISCO Meraki Training

4 days (28 hours)

Overview

Cisco Meraki operates the industry's largest cloud networking service. Cisco Meraki's cloud service covers tens of thousands of networks worldwide and connects millions of devices. Meraki technology is a networking solution that simplifies enterprise network architecture. Thanks to wireless technology, everything is centralized in the cloud via a simple web browser and can be configured from the Cloud Controller.

This simplification of your architecture will optimize the productivity of your network administration teams. Meraki has always been designed to be specifically managed and delivered in the cloud, enabling it to network more efficiently than its competitors.

Our Cisco Meraki training will teach you the basics of the tool, network management with Cisco Meraki Cloud, Cisco Meraki Radio settings, security features, and advanced configurations.

Objectives

- Understand the Cisco Meraki architecture and expand existing deployments
- Design a network for scalable management
- Secure and shape a network
- Implement various switched network concepts and practices
- Use dynamic routing protocols and improve performance

Target audience

- Network administrator
- Anyone wishing to set up a CISCO Meraki network

Prerequisites

- Solid general knowledge of computer networks, particularly routing, or Cisco Certified Networking Associate (CCNA) certification

Our CISCO Meraki training program

Content

- Introduction to the cloud and the Cisco Meraki dashboard
- Overview of Cisco Meraki products and administration
- Introduction to Cisco Meraki troubleshooting
- Planning new Cisco Meraki architectures and expanding existing deployments
- Designing for Scalable Management and High Availability
- Automation and scaling of Cisco Meraki deployments
- Designing routing on the Cisco Meraki platform
- Introduction to QoS design and traffic shaping
- Creating VPN and WAN topologies
- Securing, expanding, and shaping the network
- Introduction to switched networking concepts and practices
- Implementing wireless configuration practices and concepts
- Introduction to Endpoint Management Concepts and Practices
- Introduction to physical security concepts and practices
- Obtaining network information by monitoring applications
- Preparation, monitoring, logging, and alert services
- Configuring reporting and auditing capabilities in the Cisco Meraki dashboard
- Gaining visibility and troubleshooting using Cisco Meraki tools

Labs

- Enabling advanced features and optimizing the network
- Troubleshoot the network using the Cisco Meraki dashboard
- Configure tags, link aggregation, port mirroring, and high-density SSIDs
- Configure routing on the Cisco Meraki platform
- Configure QoS, traffic shaping, and load balancing
- Configure network security
- Configure access policies and wireless guest access
- Configure SSIDs, RF profiles, and Air Marshal
- Implement endpoint management
- Deploy and configure physical security devices
- Enable alerts and configure monitoring and reporting
- Troubleshoot a Cisco Meraki network Page

Target companies

This training is intended for both individuals and companies, large or small, wishing to train their teams in new advanced IT technology or to acquire specific professional knowledge or modern methods.

Positioning at the start of training

The positioning at the start of the training course complies with Qualiopi quality criteria. Once they have finalized their registration, learners receive a self-assessment questionnaire that allows us to assess their estimated level of proficiency in different types of technologies, as well as their expectations and personal objectives for the upcoming training course, within the limits imposed by the selected format. This questionnaire also allows us to anticipate certain connection or internal security issues within the company (intra-company or virtual classroom) that could be problematic for the monitoring and smooth running of the training session.

Teaching methods

Practical training: 60% practical, 40% theory. Training materials distributed in digital format to all participants.

Organization

The course alternates between theoretical input from the trainer, supported by examples and reflection sessions, and group work.

Assessment

At the end of the session, a multiple-choice questionnaire is used to verify that the skills have been correctly acquired.

Certification

A certificate will be issued to each trainee who has completed the entire training course.

Training organization registered under number 11 75 54743 75. This registration does not constitute state approval.
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