Engineering Cisco Meraki Solutions v2 - Part II

Course Content

Course Description:

In this course, you will cover how to plan for network deployments and integrations using the Cisco Meraki platform. Through practical hands-on instruction and experiences, you will learn how to operate Meraki networks and troubleshoot complex network incidents using the Meraki Dashboard and analytics. You will also learn how to design Meraki architectures for redundancy, high-density, and scalability by implementing comprehensive Meraki product features to meet design objectives. This course is the second of two courses that prepares you for Cisco Meraki certification.

This course:

- Provides hands-on experience with Cisco Meraki equipment via innovative technical presentations and lab exercises
- Equips you with the knowledge and skills to confidently plan, design, implement and operate complex Cisco Meraki solutions
- Prepares you to take the upcoming Cisco Meraki Solutions Specialist certification exam

Course Objectives:

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

- Acquire the advanced skills and techniques to plan, design, implement, and operate the complex Cisco Meraki platform for cloud-based network management.
- Plan for network deployments and integrations using the Meraki platform
- Design Meraki architectures for redundancy, high-density, and scalability
- Implement comprehensive Meraki product features to meet design objectives
- Operate Meraki networks and troubleshoot complex network incidents using the Meraki Dashboard and analytics
- Prepare you to take the upcoming Meraki certification(s)

Prerequisites:

It is highly recommended that you have already attended and completed the ECMS1 course before attending this course. You should have a general networking understanding and Meraki-specific proficiency.

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Course ID #: 7000-655-ZZ-Z

Hours: 21

Target Audience:

This course is ideal for those who regularly deploy or manage Meraki networks and want to deepen their technical expertise and understanding of the full Meraki product suite and features. This may include professionals with job titles or in roles such as:

- Field deployment technicians
- Network administrators
- Pre-/Post-sales engineers
- Service provider engineers
- Systems engineers
- IT professionals

Topics:

Lesson 1: Planning new Meraki architectures and expanding existing deployments

Lesson 2: Designing for scalable management and high availability

Lesson 3: Automating and scaling Meraki deployments

Lesson 4: Routing design and practices on the Meraki platform

Lesson 5: Implementing Quality of Service (QoS) and traffic shaping design

Lesson 6: Architecting VPN and WAN topologies

Lesson 7: Securing, expanding, and shaping the network

Lesson 8: Switched network concepts and practices

Lesson 9: Understand wireless configuration practices and concepts

Lesson 10: Understand Endpoint management concepts and practices

Lesson 11: Implement physical security concepts and practices

Lesson 12: Gaining additional network insight through application monitoring

Lesson 13: Preparing monitoring, logging, and alerting services

Lesson 14: Setting up Dashboard reporting and auditing capabilities

Lesson 15: Gaining visibility and resolving issues using Meraki features and built-in troubleshooting tools

Register for this class by visiting us at:
www.tcworkshop.com or calling us at 800-639-3535