



Global Knowledge™



## Certified Meraki Networking Operator

Durée: 1 Jours    Réf de cours: CMNO

### Résumé:

CMNO is a virtual, one-day course lasting eight hours. In the first 6 hours of the course, participants are trained in core concepts in operating and troubleshooting the Meraki platform. The final two hours of the course include an open lab period and time for participants to take the online CMNO exam. The course format includes both trainer-presented content and virtual self-paced lab learning. The self-Paced training labs support and reinforce the instructor delivered content and provide additional insights into the capabilities and functionality of the Meraki platform. The training should prepare attendees to take the CMNO certification exam which is a 45 minute assessment of 20 questions taken at the end of the class.

**Global Knowledge Exclusive – We are the exclusive worldwide provider of Meraki CMNO training. For a limited time, we are offering CMNO at a reduced introductory price.**

### Public visé:

Cisco Engineers looking to achieve the Certified Meraki Networking Operator Certification

### Objectifs:

- After completing this course you should be able to: ■ Take and pass the CMNO Exam.
- Operate and troubleshoot Meraki Solutions.

### Pré-requis:

Attendees should meet the following prerequisites:

- CCNA (ICND1 and ICND2) or equivalent networking knowledge

### Test et certification

Recommended as preparation for the following exams:

- CMNO - Certified Meraki Network Operators Certification - The exam is taken at the end of the class.

## Contenu:

Module 1.0 Cloud Architecture	2.4 Describe and design a full Meraki network deployment workflow	Module 4.0 Operation and Troubleshooting
1.1 Describe out-of-band control plane	<ul style="list-style-type: none"><li>■ 2.4.a Dashboard layout, navigation</li><li>■ 2.4.b Setting up organization and network dependencies</li><li>■ 2.4.c Claiming devices, claiming licenses, building configurations, managing devices</li></ul>	4.1 Describe and troubleshoot using visibility and monitoring tools
1.1.a M-tunnel, management/control plane		<ul style="list-style-type: none"><li>■ 4.1.a Topology</li><li>■ 4.1.b Local status page</li><li>■ 4.1.c Status indicators (LEDs, Dashboard UI elements)</li><li>■ 4.1.d Event logs, change logs</li><li>■ 4.1.e Summary reports</li></ul>
1.2 Describe cloud-based solution benefits	Self Paced Lab Period #2	
1.2.a Security, scalability, reliability, future proofing		4.2 Configure firmware upgrades
1.2.b Common question, objections		<ul style="list-style-type: none"><li>■ 4.2.a Managing and auditing</li></ul>
Self-Paced Lab Period #1	3.0 Product Features and Services	4.3 Describe and configure a scalable network using automation tools
Module 2.0 Administration	3.1 Security appliance platform (MX)	<ul style="list-style-type: none"><li>■ 4.3.a Meraki APIs</li><li>■ 4.3.b Managing large deployments with templates</li></ul>
2.1 Describe the Dashboard organizational structure	<ul style="list-style-type: none"><li>■ 3.1.a Configure Auto-VPN</li><li>■ 3.1.b Design and configure traffic shaping</li><li>■ 3.1.c Design and configure SD-WAN</li><li>■ 3.1.d Configure content filtering rules</li><li>■ 3.1.e Configure AMP and ISP/IPS</li></ul>	4.4 Configure and troubleshoot networks using live troubleshooting tools
2.1.a Account, organization, networks, licensing/inventory administration		<ul style="list-style-type: none"><li>■ 4.4.a Cloud configuration to device sync</li><li>■ 4.4.b Real-time tools including packet capture, cable test, cycle port, ping</li><li>■ 4.4.c Troubleshoot application performance issues using Meraki Insight</li></ul>
2.2 Design proper Dashboard segmentation and permissions	3.2 Switching platform (MS)	
2.2.a Leveraging tags to manage and separate deployments	<ul style="list-style-type: none"><li>■ 3.2.a Configure MS switches using virtual stacking and flex tables</li><li>■ 3.2.b Configure L3 routing using OSPF</li></ul>	4.5 Describe and troubleshoot through engaging Meraki Support
2.2.b MSP portal		<ul style="list-style-type: none"><li>■ 4.5.a Best practices</li></ul>
2.3 Describe licensing and co-termination	3.3 WLAN platform (MR)	Self-Paced Lab Period #3
2.3.a What a license includes, interacting with Meraki Support, warranty	<ul style="list-style-type: none"><li>■ 3.3.a Design and configure traffic shaping</li><li>■ 3.3.b Configure multiple SSIDs</li><li>■ 3.3.c Configure and securing guest wireless networks</li></ul>	
2.3.b Co-termination calculations, grace period	3.5 Endpoint management platform (SM)	
	<ul style="list-style-type: none"><li>■ 3.5.a Configuring management profiles</li><li>■ 3.5.b Describe the various MDM live tools</li></ul>	
	3.6 Security cameras platform (MV)	
	<ul style="list-style-type: none"><li>■ 3.6.a Configure recording retention/storage</li><li>■ 3.6.b Configure video wall</li></ul>	

## Plus d'informations:

Pour plus de renseignements ou pour vous inscrire, merci de nous contacter au 01 78 15 34 00

[info@globalknowledge.fr](mailto:info@globalknowledge.fr)

[www.globalknowledge.com/fr-fr/](http://www.globalknowledge.com/fr-fr/)

100, avenue Albert 1er - 92500 RUEIL-MALMAISON