

CISCO 500-220

Cisco Engineering Meraki Solutions Certification
Questions & Answers

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500-220

[Cisco Meraki Solutions Specialist](#)

55-65 Questions Exam – Variable (750-850 / 1000

Approx.) Cut Score – Duration of 90 minutes



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Discover More about the 500-220 Certification

Are you interested in passing the Cisco 500-220 exam? First discover, who benefits from the 500-220 certification. The 500-220 is suitable for a candidate if he wants to learn about Channel Partner and Other. Passing the 500-220 exam earns you the Cisco Meraki Solutions Specialist title.

While preparing for the 500-220 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The 500-220 PDF contains some of the most valuable preparation tips and the details and instant access to useful [500-220 study materials just at one click](#).

Cisco 500-220 Engineering Meraki Solutions Certification Details:

Exam Name	Engineering Cisco Meraki Solutions
Exam Number	500-220 ECMS
Exam Price	\$300 USD
Duration	90 minutes
Number of Questions	55-65
Passing Score	Variable (750-850 / 1000 Approx.)
Recommended Training	Engineering Cisco Meraki Solutions Part 1 (ECMS1) Engineering Cisco Meraki Solutions Part 2 (ECMS2)
Exam Registration	PEARSON VUE
Sample Questions	Cisco 500-220 Sample Questions
Practice Exam	Cisco Meraki Solutions Specialist Practice Test

500-220 Syllabus:

Section	Weight	Objectives
Cisco Meraki Cloud Management	15%	<ul style="list-style-type: none"> - Explain Cisco Meraki cloud architecture - Explain access methods to dashboard and devices - Explain organizational structure, segmentation and permissions - Explain licensing, co-termination, and renewals - Compare deployment workflows
Design	30%	<ul style="list-style-type: none"> - Design scalable Meraki Auto VPN architectures - Explain deployment consideration for the vMX

Section	Weight	Objectives
		<ul style="list-style-type: none"> - Design dynamic path selection policies - Design stable, secure, and scalable routing deployments - Design Enterprise network services <ul style="list-style-type: none"> • Redundant networks and high availability • QOS strategy for voice and video • Applying security at layer 2 • Firewall and IPS rules on MX and MR • Network access control solutions - Design Enterprise wireless services <ul style="list-style-type: none"> • High density wireless deployments • MR wireless networks for Enterprise • MR wireless networks for guest access - Compare endpoint device and application management methods <ul style="list-style-type: none"> • Device enrollment such as supervised and device owner • Application deployment
Implementation	25%	<ul style="list-style-type: none"> - Configuring MX security appliances <ul style="list-style-type: none"> • SVI, dynamic routing and static routes • Auto VPN • Traffic shaping and SD-WAN • Threat protection and content filtering rules • Access policies and 802.1x - Configuring MS switches <ul style="list-style-type: none"> • SVI, dynamic routing and static routes • QoS using Meraki switching networks • Access policies and 802.1x • Replicate a switch configuration - Configuring MR wireless access points <ul style="list-style-type: none"> • SSIDs for Enterprise and BYOD deployments

Section	Weight	Objectives
		<ul style="list-style-type: none"> • Traffic shaping • RF profiles • Air Marshal - Configuring SM endpoint management <ul style="list-style-type: none"> • Management profiles • Security policies • Sentry for Meraki managed deployments - Configuring MV security cameras <ul style="list-style-type: none"> • Camera video and alerting • Retention settings - Configuring MI application assurance <ul style="list-style-type: none"> • Standard applications • Application thresholds
Monitoring and Troubleshooting	30%	<ul style="list-style-type: none"> - Interpret information from monitoring and reporting tools <ul style="list-style-type: none"> • Alerts with Dashboard, SNMP, Syslog and Netflow in Dashboard • Logging and reporting in Dashboard - Describe how to use the dashboard API to monitor and maintain networks - Explain firmware upgrades - Troubleshooting Enterprise networks <ul style="list-style-type: none"> • Layer 2 technologies using Dashboard • Layer 3 technologies using Dashboard • Wireless client connectivity issues using Dashboard • Device local status pages • Security threats using Security Center • Application performance issues using Meraki Insight

Broaden Your Knowledge with Cisco 500-220

Sample Questions:

Question: 1

For which two reasons can an organization become "Out of License"?

(Choose two.)

- a) MR licenses that do not match the MR models in the organization
- b) expired device license
- c) more hardware devices than device licenses
- d) licenses that do not match the serial numbers in the organization
- e) licenses that are in the wrong network

Answer: b, c

Question: 2

What are two ways peers interact with ports that Auto VPN uses?

(Choose two.)

- a) For IPsec tunneling, peers use high UDP ports within the 32768 to 61000 range.
- b) Peers contact the VPN registry at UDP port 9350.
- c) For IPsec tunneling, peers use high TCP ports within the 32768 to 61000 range.
- d) Peers contact the VPN registry at TCP port 9350.
- e) For IPsec tunneling, peers use UDP ports 500 and 4500.

Answer: b, c

Question: 3

Company iPads are enrolled in Systems Manager without supervision, and profiles are pushed through Systems Manager. Which outcome occurs when a user attempts to remove the "Meraki Management" profile on an iPad?

- a) The "Meraki Management" profile cannot be removed.
- b) The "Meraki Management" profile is removed and then pushed automatically by Systems Manager
- c) The "Meraki Management" profile is removed. All the profiles that Systems Manager pushed are also removed.
- d) The "Meraki Management" profile is removed. All the profiles Systems Manager pushed remain.

Answer: c

Question: 4

One thousand concurrent users stream video to their laptops. A 30/70 split between 2.4 GHz and 5 GHz is used. Based on client count, how many APs (rounded to the nearest whole number) are needed?

- a) 28
- b) 32
- c) 26
- d) 30

Answer: d**Question: 5**

Where should a network admin navigate to investigate wireless mesh information between Meraki APs?

- a) Wireless > Monitor > RF Spectrum
- b) Wireless > Configure > Radio Settings
- c) Wireless > Monitor > Wireless Health
- d) Wireless > Monitor > Access Points > AP > RF

Answer: d**Question: 6**

Air marshal has contained a malicious SSID. What are two effects on connectivity?

- a) Currently associated clients stay connected.
- b) New clients can connect.
- c) Currently associated clients are affected by restrictive traffic shaping rules.
- d) New clients cannot connect.
- e) Currently associated clients are disconnected.

Answer: d, e**Question: 7**

How does a Meraki device behave if cloud connectivity is temporarily lost?

- a) The offline device continues to run with its last known configuration until cloud connectivity is restored
- b) The offline device reboots every 5 minutes until connection is restored
- c) The offline device stops passing traffic
- d) The offline device tries to form a connection with a local backup server

Answer: d

Question: 8

Which VLAN is used to source pings across the site-to-site VPN when using the MX Live tools?

- a) highest VLAN ID that is configured and set to NO to use VPN
- b) lowest VLAN ID that is configured and set to YES to use VPN
- c) highest VLAN ID that is configured and set to YES to use VPN
- d) lowest VLAN ID configured and set to NO to use VPN

Answer: c

Question: 9

In an organization that uses the Co-Termination licensing model, which two operations enable licenses to be applied?

(Choose two.)

- a) Renew the Dashboard license.
- b) License a network.
- c) License more devices.
- d) Call Meraki support.
- e) Wait for the devices to auto-renew.

Answer: a, c

Question: 10

A customer requires a hub-and-spoke Auto VPN deployment with two NAT-mode hubs with dual uplink connections and 50 remote sites with a single uplink connection. How many tunnels does each hub need to support?

- a) 100
- b) 52
- c) 54
- d) 104

Answer: a

Avail the Study Guide to Pass Cisco 500-220 Engineering Meraki Solutions Exam:

- Find out about the 500-220 syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the [500-220 syllabus](#), it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the 500-220 training. Joining the Cisco provided training for 500-220 exam helps a candidate to strengthen his practical knowledge base from the certification.
- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the [500-220 sample questions](#) and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. 500-220 practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

Passing the 500-220 exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

Here Is the Trusted Practice Test for the 500-220 Certification

NWExam.com is here with all the necessary details regarding the 500-220 exam. We provide authentic practice tests for the 500-220 exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on NWExam.com for rigorous, unlimited two-month attempts on the [500-220 practice tests](#), and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the Cisco Meraki Solutions Specialist.

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