



## **Cisco**

### **Exam Questions 500-220**

Engineering Cisco Meraki Solutions

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### NEW QUESTION 1

What are two roles of the network and device tags in a Dashboard? (Choose two.)

- A. Tags enable administrators to configure a combination of network and device specific tags to create summary reports filtered for specific devices across multiple networks.
- B. Network tags can be used to assign networks to separate Auto VPN domains in an Organization with many networks.
- C. Network tags can be used to simplify the assignment of network-level permissions in an Organization with many networks.
- D. Device tags can be used to simplify the assignment of device-level permissions in an Organization with many administrators.
- E. Device tags can be assigned to MR APs to influence the gateway selection for repeaters in a mesh wireless network.

**Answer:** AE

### NEW QUESTION 2

Which configuration step is necessary when automatic updating is required of iOS apps provisioned through Systems Manager that are found in the App Store?

- A. No configuration step is necessary; automatic updating is the default behavior.
- B. Configure automatic updating of iOS devices in the Meraki installed profile.
- C. Create a security policy that enables automatic updates.
- D. Create a profile with automatic update enabled and apply it to iOS devices.

**Answer:** C

### NEW QUESTION 3

Refer to the exhibit.



For an AP that displays this alert, which network access control method must be in use?

- A. preshared key
- B. WPA2-enterprise with my RADIUS server
- C. splash page with my RADIUS server
- D. MAC-based access control with RADIUS server

**Answer:** A

### NEW QUESTION 4

What is the best practice Systems Manager enrollment method when deploying corporate-owned iOS devices?

- A. manual
- B. Apple Configurator
- C. Sentry enrollment
- D. DEP

**Answer:** B

### NEW QUESTION 5

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 sever.

**Answer:** D

### NEW QUESTION 6

A customer wants to use Microsoft Azure to host corporate application servers.

Which feature does the customer get by using a vMX appliance rather than connecting directly to Azure by VPN?

- A. malware protection
- B. SD-WAN
- C. next-generation firewall
- D. intrusion prevention

**Answer:** C

### NEW QUESTION 7

Refer to the exhibit.

## License information for Home

License status	<span style="background-color: #90EE90; padding: 2px;">OK</span>	
License expiration ⓘ	May 20, 2029 (3593 days from now)	
MX advanced Security	Enabled	
System Manager	Enabled (paid)	
	License limit	Current device count
MS220-8P	1	1
MV	2	0
MX64	1	1
Systems Manager Agent	100	0
Wireless AP	7	1
MV-SEN	10 free	0

### [Add another license](#)

This Dashboard organization uses Co-Termination licensing model.

What happens when an additional seven APs are claimed on this network without adding licenses?

- A. All APs immediately stop functioning.
- B. All network devices stop functioning in 30 days.
- C. One AP Immediately stops functioning.
- D. All APs stop functioning in 30 days.

**Answer: B**

### NEW QUESTION 8

What is the role of the Meraki Dashboard as the service provider when using SAML for single sign-on to the Dashboard?

- A. The Dashboard generates the SAML request.
- B. The Dashboard provides user access credentials.
- C. The Dashboard parses the SAML request and authenticates users.
- D. The Dashboard generates the SAML response.

**Answer: A**

### NEW QUESTION 9

Refer to the exhibit.

#### Route table

SUBNET	NAME	TYPE	SORT BY
<input type="text" value="Search by subnet"/>	<input type="text" value="Search by name"/>	<input type="text" value="All"/>	<input type="text" value="Priority"/>
Subnet	Name	Type	Next hop
10.115.32.0/28	Store 1532 – appliance: MGMT	Meraki VPN: VLAN	Peer: Store 1532 – appliance
10.116.32.0/28	Store 1532 – appliance: DATA	Meraki VPN: VLAN	Peer: Store 1532 – appliance
192.39.2.28/32	External	BGP	10.128.124.62
192.168.70.8/29	MSP NOC	IPSec Peer	4.99.111.99
192.168.70.0/29	MSP NOC	IPSec Peer	4.100.99.100
192.39.228.0/24	External	BGP	10.128.124.62
192.168.0.0/16	External	BGP	10.128.124.62

A packet arrives on the VPN concentrator with source IP 10.168.70.3 and destined for IP 10.116.32.4. What is the next hop for the packet, based on this concentrator routing table?

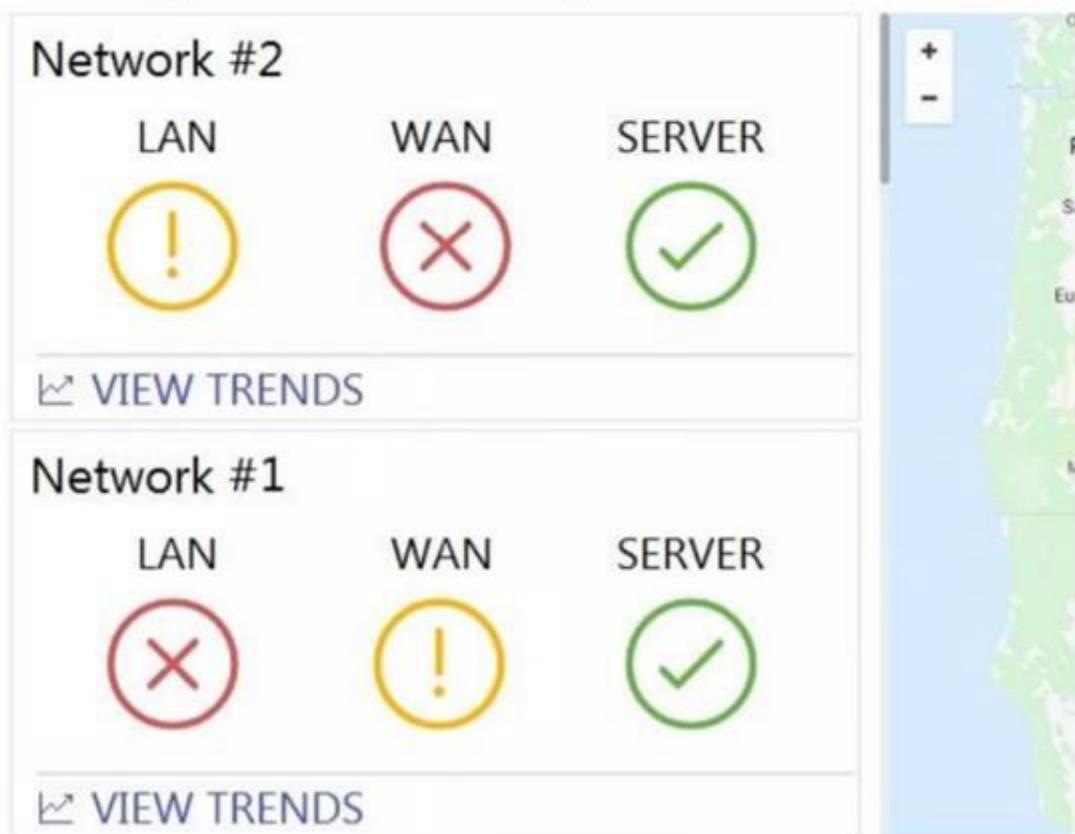
- A. The concentrator gateway (10.128.124.62) is the next hop.
- B. Not enough detail is available to determine the next hop.
- C. The packet is stopped.
- D. The Auto VPN peer “Store 1532 – appliance” is the next hop.

**Answer: B**

### NEW QUESTION 10

Refer to the exhibit.

Web App Health for Google - for the last week -



What are two outcomes reflected in the Web App Health application? (Choose two.)

- A. Users on both networks may be experiencing issues when attempting to reach Google.
- B. Network #1 could not load Google because of a remote server issue.
- C. Network #2 had better application performance than Network #1.
- D. Network #2 could not load Google because of a local client misconfiguration.
- E. Neither network recorded any server-side performance issues.

**Answer:** BE

**NEW QUESTION 10**

Which two features and functions are supported when using an MX appliance in Passthrough mode? (Choose two.)

- A. intrusion prevention
- B. site-to-site VPN
- C. secondary uplinks
- D. DHCP
- E. high availability

**Answer:** AB

**NEW QUESTION 15**

Which order is accurate for a firmware upgrade on MX appliances in a high-availability configuration?

- A. starts on the secondary MX appliance and then occurs on the primary MX appliance
- B. starts on both MX appliances at the same time and then reboots both appliances after traffic on the primary MX appliance ceases
- C. starts on both MX appliances at the same time and then immediately reboots both appliances
- D. starts on the primary MX appliance and then occurs on the secondary MX appliance

**Answer:** D

**NEW QUESTION 19**

For which two reasons can an organization become "Out of License"? (Choose two.)

- A. licenses that are in the wrong network
- B. more hardware devices than device licenses
- C. expired device license
- D. licenses that do not match the serial numbers in the organization
- E. MR licenses that do not match the MR models in the organization

**Answer:** BC

**NEW QUESTION 22**

Refer to the exhibit.

WAN Health For the last 2 hours

Uplink Status	Network Name	Uplink Type	ISP	Availability	Total Usage	Average Throughput	Loss	Average Latency	Jitter
Ready	Meraki Sydney – appliance	WAN 1	unknown		↓ 4.03 GB, ↑ 1.39 GB	↓ 4.44 Mb/s, ↑ 1.55 Mb/s	0.00%	4.33 ms	0.05 ms
Active	Meraki Sydney – appliance	WAN 2	anticklockwise.net.au		↓ 23.18 GB, ↑ 14.85 GB	↓ 25.00 Mb/s, ↑ 15.39 Mb/s	0.00%	0.79 ms	0.06 ms

What are the Loss and Average Latency statistics based on?

- A. responses that the MX appliance receives on the connectivity-testing hostnames on the Insight > Web App Health page
- B. responses that the MX appliance receives on the connectivity-testing IP addresses on the Security & SD-WAN > Firewall page
- C. responses that the MX appliance receives on the connectivity-testing IP address that is configured on the Security & SD-WAN > SD-WAN & Traffic Shaping page
- D. responses that the MX appliance receives on the connectivity-testing IP addresses on the Help > Firewall info page

**Answer: B**

**NEW QUESTION 24**

Which information is used to calculate whether a WAN link has high usage?

- A. data under Security & SD WAN > Appliance Status > Uplink > Live Data
- B. total historical throughput of an uplink
- C. total number of devices that are actively passing traffic
- D. value under Security & SD WAN > SD WAN & Traffic Shaping > Uplink Configuration

**Answer: D**

**NEW QUESTION 29**

Refer to the exhibit.

Which two actions are required to optimize load balancing asymmetrically with a 4:1 ratio between links? (Choose two.)

- A. Change the primary uplink to "none".
- B. Add an internet traffic preference that defines the load-balancing ratio as 4:1.
- C. Enable load balancing.
- D. Set the speed of the cellular uplink to zero.
- E. Change the assigned speeds of WAN 1 and WAN 2 so that the ratio is 4:1.

**Answer: BC**

**NEW QUESTION 32**

When wireless SSIDs are configured in Dashboard, which setting on the Access Control page affects the ability of a 2.4 GHz only client device from associating to the WLAN for the first time?

- A. Content filtering

- B. Bridge mode
- C. 802.11r
- D. Dual band operating with Band Steering

**Answer:** D

**NEW QUESTION 36**

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:** BC

**NEW QUESTION 41**

Which Cisco Meraki product must be deployed in addition to Systems Manager so that Systems Manager Sentry enrollment can be used?

- A. MS Switch
- B. Meraki Insight
- C. MR Access Point
- D. MV Smart Camera

**Answer:** C

**NEW QUESTION 44**

What is a feature of distributed Layer 3 roaming?

- A. An MX Security Appliance is not required as a concentrator.
- B. An MX Security Appliance is required as a concentrator.
- C. All wireless client traffic can be split-tunneled.
- D. All wireless client traffic is tunneled.

**Answer:** A

**NEW QUESTION 45**

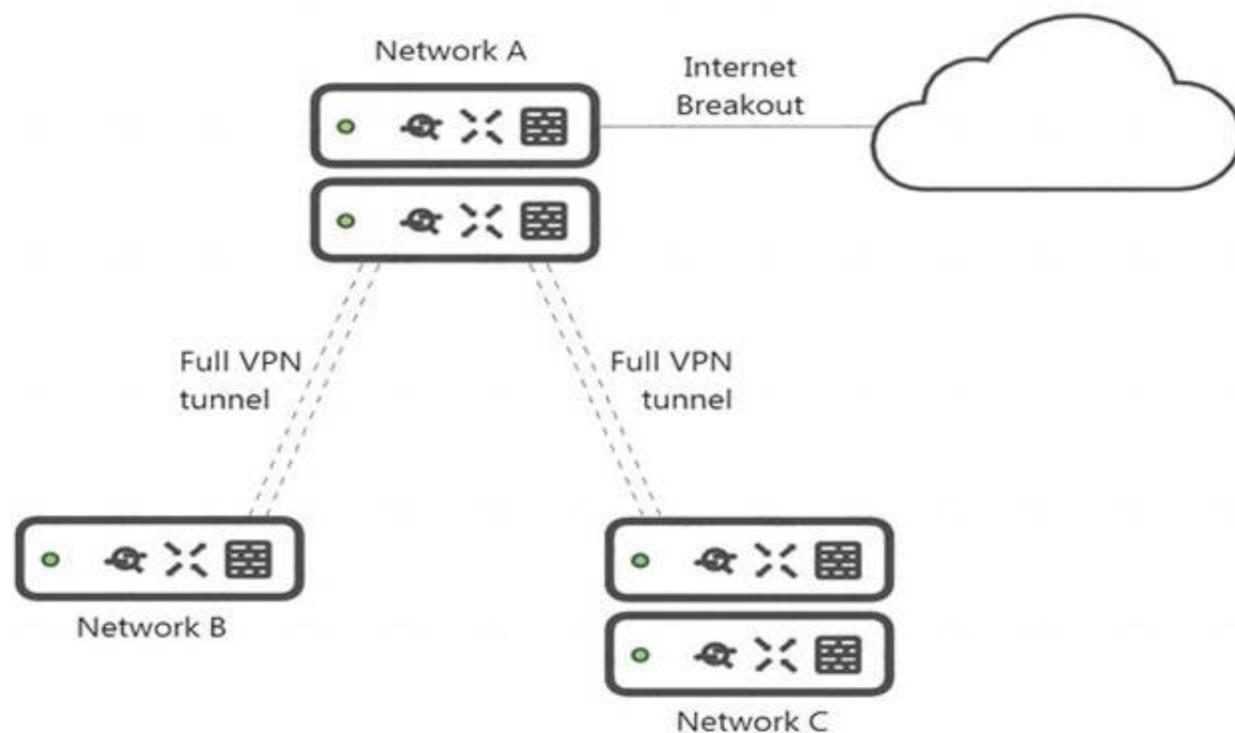
Which Cisco Meraki best practice method preserves complete historical network event logs?

- A. Configuring the preserved event number to maximize logging.
- B. Configuring the preserved event period to unlimited.
- C. Configuring a syslog server for the network.
- D. Configuring Dashboard logging to preserve only certain event types.

**Answer:** A

**NEW QUESTION 46**

Refer to the exhibit.



What is the minimal Cisco Meraki Insight licensing requirement?

- A. A single Meraki Insight license must be configured on network A to gain Web App Health visibility on network B.
- B. A single Meraki Insight license must be configured on network B to gain Web App Health visibility on network B.
- C. A single Meraki Insight license must be configured on network A, and a single license must be configured on network B, to gain Web App Health visibility on network B.

- D. Two Meraki Insight licenses must be configured on network A to gain Web App Health visibility on network B.
- E. Two Meraki Insight licenses must be configured on network A and a single license must be configured on network B, to gain Web App Health visibility on network B.

**Answer: E**

#### NEW QUESTION 48

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 remove
- D. All the profiles that Systems Manager pushed are also removed.
- E. The “Meraki Management” profile is remove
- F. All the profiles Systems Manager pushed remain.

**Answer: C**

#### NEW QUESTION 50

Which Meraki Dashboard menu section is accessed to enable Sentry enrollment on an SSID?

- A. Wireless > Configure > Access Control
- B. Wireless > Configure > Splash page
- C. Wireless > Configure > Firewall & Traffic Shaping
- D. Wireless > Configure > SSIDs

**Answer: A**

#### NEW QUESTION 53

Which two primary metrics does Meraki Insight use to calculate the Application Performance Score? (Choose two.)

- A. Maximum Jitter
- B. Total Bandwidth Usage
- C. Maximum Latency
- D. Per-flow Goodput
- E. Application Response Time

**Answer: DE**

#### NEW QUESTION 57

Which three verbs of request are available in the Cisco Meraki API? (Choose three.)

- A. SET
- B. PUT
- C. PATCH
- D. ADD
- E. POST
- F. GET

**Answer: BEF**

#### NEW QUESTION 61

Which requirement is needed to implement Fast Lane on Cisco Meraki APs?

- A. wireless profile installed on an Apple iOS device
- B. wireless profile installed on a Cisco iOS access point
- C. adaptive 802.11r disabled
- D. traffic shaping rule tagging traffic with a DSCP value of 46 to Apple.com

**Answer: A**

#### NEW QUESTION 66

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## Relate Links

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