

Cisco

Exam Questions 500-220

Engineering Cisco Meraki Solutions



NEW QUESTION 1

Which information do the MXs in a High Availability pair share?

- A. spanning-tree state
- B. time synchronization state
- C. DHCP association database
- D. stateful firewall database

Answer: A

NEW QUESTION 2

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. 26
- B. 28
- C. 30
- D. 32

Answer: C

NEW QUESTION 3

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 4

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: AC

NEW QUESTION 5

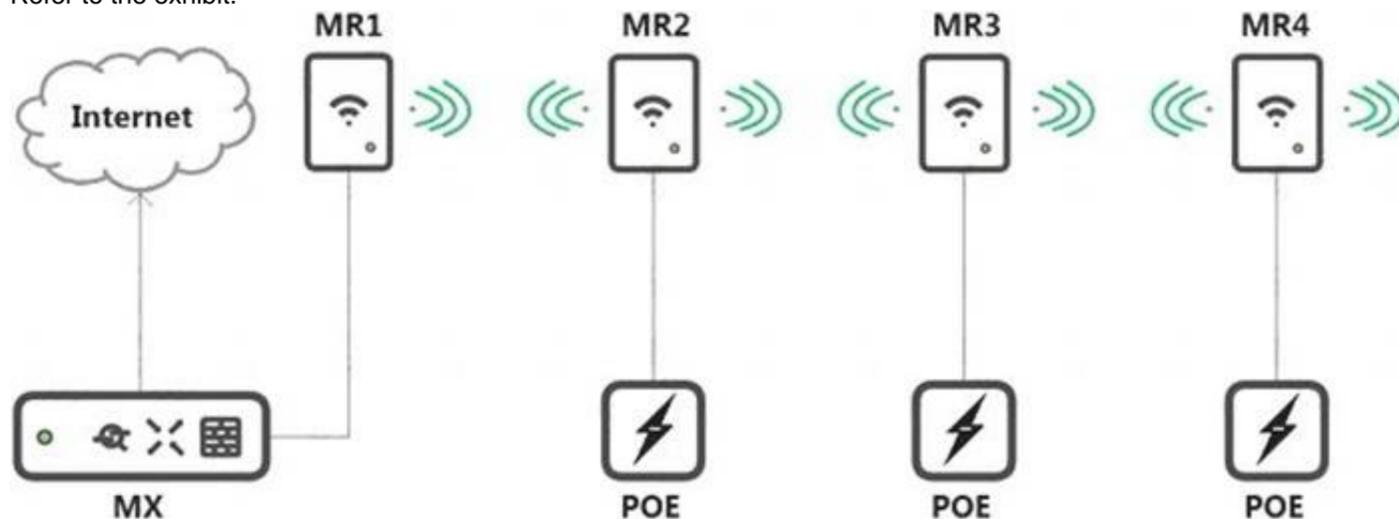
Which configuration step is necessary when automatic updating is required of iOS apps provisioned through Systems Manager that are found in the App Store?

- 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 6

Refer to the exhibit.



Which design recommendation should be considered?

- A. A 25-percent throughput loss occurs for every hop
- B. Cisco Meraki best practice recommends a 1-hop maximum.

- C. A 25-percent throughput loss occurs for every ho
- D. Cisco Meraki best practice recommends a 2-hop maximum.
- E. A 50-percent throughput loss occurs for every ho
- F. Cisco Meraki best practice recommends a 1-hop maximum.
- G. A 50-percent throughput loss occurs for every ho
- H. Cisco Meraki best practice recommends a 2-hop maximum.

Answer: A

NEW QUESTION 7

Refer to the exhibit.

License information for Home

License status	OK	
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 occurs when a configuration change is made to an MX network that is bound to a configuration template?

- A. The configuration change in the bound network is combined with the template configuration inside the template.
- B. The more restrictive configuration is preferred.
- C. The configuration change in the bound network overrides the template configuration.
- D. The template configuration overrides the configuration change in the bound network.

Answer: A

NEW QUESTION 9

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 10

How is high-availability supported for Cisco Meraki devices?

- A. Only the MX Security Appliances that use VRRP support high availability.
- B. An active/active high-availability pair is recommended for MX Security Appliances.
- C. The MX Security Appliances and MS Series Switches that use VRRP support an active/passive high- availability pair.
- D. The MX Security Appliances and MS Series Switches that use HSRP support an active/passive high- availability pair.

Answer: A

NEW QUESTION 10

Which design requirement is met by implementing syslog versus SNMP?

- A. when automation capabilities are needed
- B. when proactive alerts for critical events must be generated
- C. when organization-wide information must be collected
- D. when information such as flows and client connectivity must be gathered

Answer: D

NEW QUESTION 11

Drag and drop the descriptions from the left onto the corresponding MX operation mode on the right.

The MX appliance acts as a layer 2 bridge	Routed mode <div style="border: 1px solid black; height: 40px; width: 100%;"></div> <div style="border: 1px solid black; height: 40px; width: 100%;"></div> <div style="border: 1px solid black; height: 40px; width: 100%;"></div> <div style="border: 1px solid black; height: 40px; width: 100%;"></div>
This mode is the default mode of operation	
DHCP services can be configured on the MX appliance	
VLANs cannot be configured	
This mode is generally also the default gateway for devices on the LAN	Passthrough mode <div style="border: 1px solid black; height: 40px; width: 100%;"></div> <div style="border: 1px solid black; height: 40px; width: 100%;"></div> <div style="border: 1px solid black; height: 40px; width: 100%;"></div> <div style="border: 1px solid black; height: 40px; width: 100%;"></div>
This mode is not recommended at the network perimeter	
No address translation is provided	
Client traffic to the internet has the source IP rewritten to match the WAN IP of the appliance	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, table Description automatically generated with medium confidence

NEW QUESTION 14

Which type of authentication protocol is used when using OSPF on an MX appliance?

- A. MD5
- B. certificate
- C. plaintext
- D. SHA-1

Answer: A

NEW QUESTION 19

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 21

What are two organization permission types? (Choose two.)

- A. Full
- B. Read-only
- C. Monitor-only
- D. Write
- E. Write-only

Answer: AB

NEW QUESTION 24

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 25

A Cisco Meraki MV camera is monitoring an office and its field of vision currently captures work desks and employee computer screens. However, recording employee computer screens is prohibited by local regulation.

Which feature in Dashboard can be used to preserve the current position of the camera while also meeting regulation requirements?

- A. zone exclusion
- B. privacy window
- C. area of interest
- D. sensor crop
- E. restricted mode

Answer: E

NEW QUESTION 28

Air Marshal has contained a malicious SSID.

What are two effects on connectivity? (Choose two.)

- 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: DE

NEW QUESTION 30

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 35

Which two Systems Manager Live tools are available only for Apple Macs and Windows PCs and cannot be used on iOS or Android mobile devices? (Choose two.)

- A. OS updates
- B. Send notification
- C. Selective wipe
- D. Screenshot
- E. Remote Desktop

Answer: CE

NEW QUESTION 36

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 39

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