

Exam Questions 500-220

Engineering Cisco Meraki Solutions

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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

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 3

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 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

Drag and drop the steps from the left into the sequence on the right to manage device control, according to Cisco Meraki best practice.

enroll	1
create profile	2
add settings profile	3
define tags	4
apply profile	5

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Table Description automatically generated with medium confidence

NEW QUESTION 6

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 7

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 8

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 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.

Uplink selection

Global preferences

- Primary uplink WAN 1 ▾
- Load balancing
- ☐ Enabled
Traffic will be spread across both uplinks in the proportions specified above.
Management traffic to the Meraki cloud will use the primary uplink.
 - ☒ Disabled
All Internet traffic will use the primary uplink unless overridden by an uplink preference or if the primary uplink fails.
- Active-Active AutoVPN
- ☒ Enabled
Create VPN tunnels over all of the available uplinks (primary and secondary).
 - ☐ Disabled
Do not create VPN tunnels over the secondary uplink unless the primary uplink fails.

Flow preferences

- Internet traffic
- There are no uplink preferences for Internet traffic configured on this network.
[Add a preference](#)

SD-WAN policies

- VPN traffic
- | Uplink selection policy | Traffic filters | Actions |
|--|-------------------------------|---------|
| Use the uplink that's best for VoIP traffic. | All VoIP & video conferencing | + × |
| Prefer WAN 2. Fail over if poor performance for "Conf" | WebEx | + × |
- [Add a preference](#)
- Custom performance classes
- | Name | Maximum latency (ms) | Maximum jitter (ms) | Maximum loss (%) | Actions |
|------|----------------------|---------------------|------------------|---------|
| Conf | 200 | 50 | 5 | × |
- [Create a new custom performance class](#)

Assuming this MX has established a full tunnel with its VPN peer, how will the MX route the WebEx traffic?

- A. WebEx traffic will prefer WAN 2 as long as it meets the thresholds in the "Conf" performance class.
B. WebEx traffic will prefer WAN 1 as it is the primary uplink.
C. WebEx traffic will prefer WAN 2 as long as it is up.
D. WebEx traffic will be load-balanced between both active WAN links.

Answer: B

NEW QUESTION 10

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></div> <div></div> <div></div> <div></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></div> <div></div> <div></div> <div></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

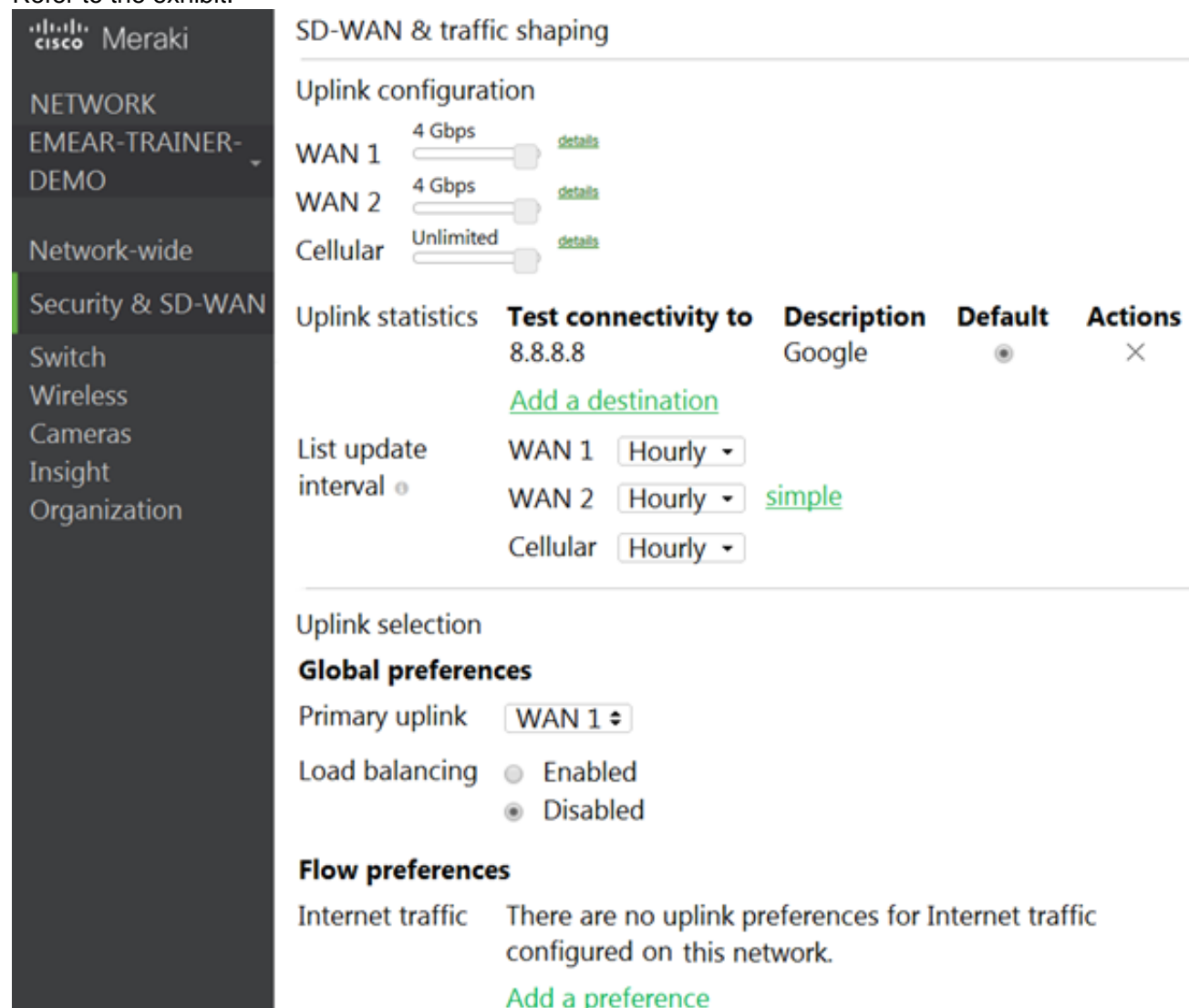
Which order is accurate for a firmware upgrade on MX appliances in a high-availability configuration?

- 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 16

Refer to the exhibit.



SD-WAN & traffic shaping

Uplink configuration


WAN 1 4 Gbps [details](#)

WAN 2 4 Gbps [details](#)

Cellular Unlimited [details](#)

Uplink statistics	Test connectivity to	Description	Default	Actions
	8.8.8.8	Google	<input checked="" type="radio"/>	×

[Add a destination](#)

List update interval 

WAN 1 Hourly ▾

WAN 2 Hourly ▾ [simple](#)

Cellular Hourly ▾

Uplink selection

Global preferences

Primary uplink WAN 1 ▾

Load balancing ☐ Enabled ☒ Disabled

Flow preferences

Internet traffic There are no uplink preferences for Internet traffic configured on this network.

[Add a preference](#)

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 18

A new application needs to be pushed to all iOS devices. Some devices report “NotNow” in the event log and do not install the application. What does the “NotNow” event indicate?

- A. The application requires the most recent iOS version.
- B. The device is locked with a passcode.
- C. The device cannot connect to Apple servers.
- D. The device cannot connect to Cisco Meraki servers.

Answer: B

NEW QUESTION 21

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 23

Which API endpoint clones a new Organization?

- A. POST /organizations/clone/{organizationId}
- B. PUT /organizations/{organizationId}/clone
- C. POST /organizations/{organizationId}/new
- D. POST /organizations/{organizationId}/clone

Answer: C


NEW QUESTION 26

The VPN concentrator is experiencing issues. Which action should be taken to ensure a stable environment?

● Corp MX 1

MX450

PRIMARY



ADDRESS

PRIMARY

Current master

SummaryUplink

Live data

Ports

	Internet	GbE					SFP				SFP+			
	1	3	5	7	9	11	13	15	17	19	21	23	25	
Management														
	2	4	6	8	10	12	14	16	18	20	22	24	26	

Historical datafor the last day ▾

Connectivity

08:00

12:00

16:00

- A. Add a deny any/any firewall rule to the end of the firewall rules.
- B. Remove the connection from Internet 1.
- C. Physically disconnect all LAN ports.
- D. Configure the MX appliance to Routed mode on the Addressing & VLANS page.

Answer: C

NEW QUESTION 28

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 29

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 30

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 34

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 36

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