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**Vendor:**Cisco

**Exam Code:**500-220

**Exam Name:**Cisco Meraki Solutions Specialist

**Version:**Demo

**QUESTION 1**

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. 52
- B. 54
- C. 100
- D. 104

Correct Answer: C

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**QUESTION 2**

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

Correct Answer: B

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**QUESTION 3**

## 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](#)

Refer to the exhibit. 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.

Correct Answer: B

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#### QUESTION 4

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

- A. data under Security and 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 and SD WAN > SD WAN and Traffic Shaping > Uplink Configuration

Correct Answer: D

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**QUESTION 5**

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.

Correct Answer: AC

Reference: [https://documentation.meraki.com/General\\_Administration/Licensing/Meraki\\_Co-Termination\\_Licensing\\_Overview](https://documentation.meraki.com/General_Administration/Licensing/Meraki_Co-Termination_Licensing_Overview)

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**QUESTION 6**

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.

Correct Answer: A

Reference: [https://documentation.meraki.com/MX/Deployment\\_Guides/MX\\_Warm\\_Spare\\_-\\_High\\_Availability\\_Pair](https://documentation.meraki.com/MX/Deployment_Guides/MX_Warm_Spare_-_High_Availability_Pair)

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**QUESTION 7**

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

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

Correct Answer: A

Reference: [https://documentation.meraki.com/MX/Site-to-site\\_VPN/Using\\_OSPF\\_to\\_Advertise\\_Remote\\_VPN\\_Subnets](https://documentation.meraki.com/MX/Site-to-site_VPN/Using_OSPF_to_Advertise_Remote_VPN_Subnets)

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**QUESTION 8**

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

Correct Answer: C

Reference: <https://meraki.cisco.com/blog/tag/systems-manager/page/4/>

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**QUESTION 9**

**Meraki**

NETWORK

EMEAR-TRAINER-  
DEMO

Network-wide

**Security & SD-WAN**

Switch

Wireless

Cameras

Insight

Organization

## 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 ▾

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### 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](#)

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.

Correct Answer: CE

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**QUESTION 10**

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

Correct Answer: D

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#### **QUESTION 11**

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

Correct Answer: C

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#### **QUESTION 12**

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

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

Correct Answer: AB

Reference: [https://documentation.meraki.com/General\\_Administration/Managing\\_Dashboard\\_Access/Managing\\_Dashboard\\_Administrators\\_and\\_Permissions](https://documentation.meraki.com/General_Administration/Managing_Dashboard_Access/Managing_Dashboard_Administrators_and_Permissions)