



Free Questions for 500-220 by dumpshq

Shared by Odonnell on 24-05-2024

For More Free Questions and Preparation Resources

Check the Links on Last Page

Question 1

Question Type: MultipleChoice

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?

Options:

A- 52

B- 54

C- 100

D- 104

Answer:

D

Explanation:

https://documentation.meraki.com/Architectures_and_Best_Practices/Auto_VPN_Hub_Deployment_Recommendations

This is the number of tunnels that each hub needs to support in 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. This can be calculated by using the formula for the hub tunnel count in a hub-and-spoke topology1:

$$\text{Hub Tunnel Count} = (H \times (H - 1) / 2 \times L1) + (H \times S \times L1 \times L2)$$

Where H is the number of hubs, S is the number of spokes, L1 is the number of uplinks for the hubs, and L2 is the number of uplinks for the spokes. In this case, H = 2, S = 50, L1 = 2, and L2 = 1. Therefore,

$$\begin{aligned} \text{Hub Tunnel Count} &= (2 \times (2 - 1) / 2 \times 2) + (2 \times 50 \times 2 \times 1) \\ \text{Hub Tunnel Count} &= (2 \times 1 / 2 \times 2) + (200 \times 2) \\ \text{Hub Tunnel Count} &= (2 / 2 \times 2) + (400) \\ \text{Hub Tunnel Count} &= (1 \times 2) + (400) \\ \text{Hub Tunnel Count} &= 2 + 400 \\ \text{Hub Tunnel Count} &= 402 \end{aligned}$$

This question is related to the topic of [Auto VPN Hub Deployment Recommendations](#) in the Cisco Meraki documentation. You can find more information about this topic in the [Auto VPN Hub Deployment Recommendations](#) article or the [Meraki Auto VPN General Best Practices](#) page.

Question 2

Question Type: MultipleChoice

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

Options:

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

Answer:

D

Explanation:

iOS devices that are using Apple's Device Enrollment Program (DEP) can be supervised and enrolled over-the-air anytime they are factory reset. DEP is the best way to permanently force your devices to be owned and managed by your organization, and it is important to assign your DEP settings properly before deployment.

https://documentation.meraki.com/SM/Device_Enrollment/Enrolling_and_Supervising_iOS_Devices_using_Apple_Configurator_2.5_or_Later#:~:tex

Question 3

Question Type: MultipleChoice

Air Marshal has contained a malicious SSID.

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

Options:

- 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

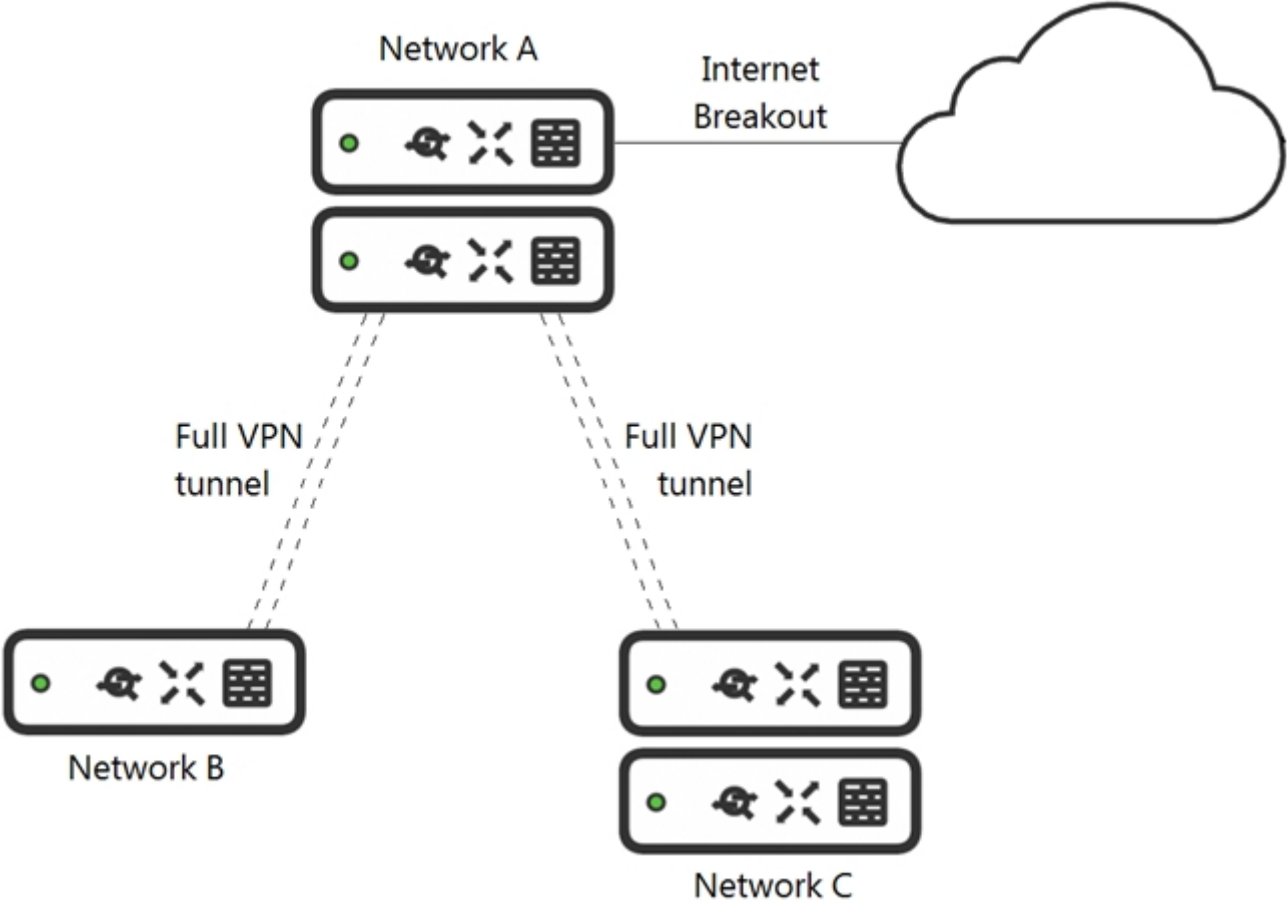
Explanation:

When a rogue access point is contained, clients will be unable to connect to the rogue AP. Additionally, any currently associated clients will lose their connection to the rogue AP. https://documentation.meraki.com/MR/Monitoring_and_Reporting/Air_Marshal

Question 4

Question Type: MultipleChoice

Refer to the exhibit.



What is the minimal Cisco Meraki Insight licensing requirement?

Options:

- 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:

B

Explanation:

If you only need traffic statistics from your spoke site clients then you only need to enable insight on the spoke network as the hub site will not gather data for remote sites. <https://community.meraki.com/t5/Wireless-LAN/Meraki-Insight-Licensing/m-p/152684>

A license is only required for those networks where Meraki Insight functionality is desired. One license is required per network, regardless of whether that network has a single MX or HA pair. Licenses can be moved between networks, but historical data for the old

network will be lost. https://meraki.cisco.com/lib/pdf/meraki_datasheet_mi.pdf

Question 5

Question Type: MultipleChoice

Refer to the exhibit.

Outbound rules ⓘ	#	Policy	Protocol	Source ⓘ	Src port	Destination ⓘ	Dst port	Comment	Logging	Hits	Actions
		Allow	Any	Any	Any	Any	Any	Default rule	Enabled ↕	2	

[Add a rule](#)

Which outcome occurs when logging is set to Enabled?

Options:

- A- Outbound flows are sent to a configured syslog server if a syslog sender is configured for flows.
- B- The hits counter within this section is now enabled.
- C- This firewall rule is now enabled.

D- Inbound flows are sent to a configured syslog server if a syslog server configured for flows.

Answer:

A

Explanation:

'Inbound and outbound flows will generate a syslog message showing the source and destination along with port numbers and the firewall rule that they matched. For inbound rules, 1=deny and 0=allow.'

https://documentation.meraki.com/General_Administration/Monitoring_and_Reporting/Syslog_Server_Overview_and_Configuration

Question 6

Question Type: MultipleChoice

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

Options:

- 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:

A, C

Explanation:

See [Permissions by Network Tag](#) section To simplify the assignment of network-level permissions in an organization with many networks, permissions can be granted to users for a given network tag.

https://documentation.meraki.com/General_Administration/Managing_Dashboard_Access/Managing_Dashboard_Administrators_and_Permissions

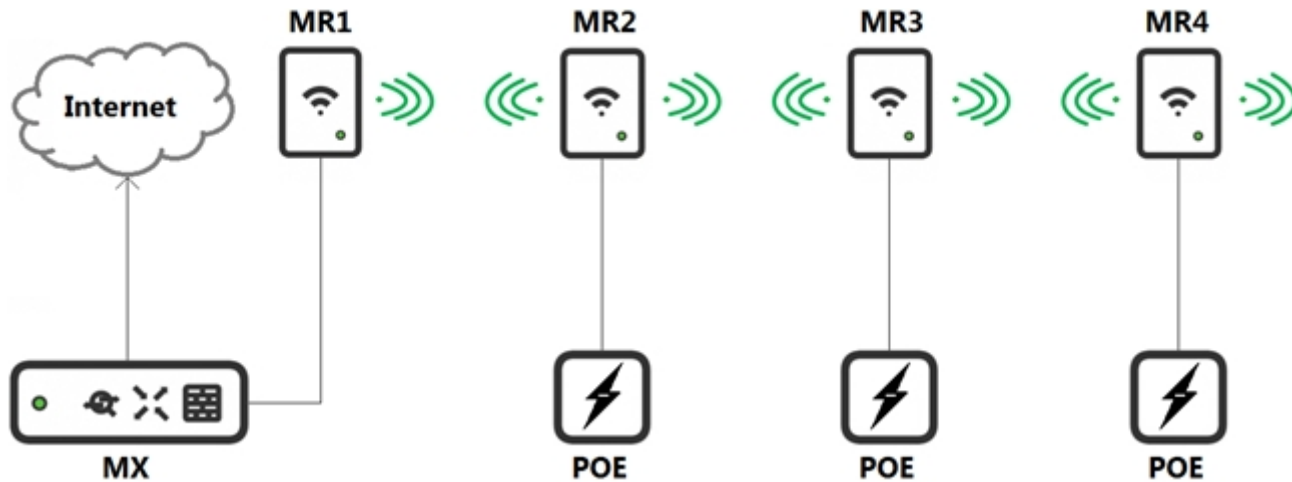
The [Organization > Configure > Manage Tags](#) page allows Administrators to configure a combination of Network and Device specific tags to create Summary Reports filtered for specific devices across multiple networks.

https://documentation.meraki.com/General_Administration/Organizations_and_Networks/Organization_Menu/Manage_Tags

Question 7

Question Type: MultipleChoice

Refer to the exhibit.



Which design recommendation should be considered?

Options:

- A- A 25-percent throughput loss occurs for every hop. Cisco Meraki best practice recommends a 1-hop maximum.
- B- A 25-percent throughput loss occurs for every hop. Cisco Meraki best practice recommends a 2-hop maximum.

- C-** A 50-percent throughput loss occurs for every hop. Cisco Meraki best practice recommends a 1-hop maximum.
- D-** A 50-percent throughput loss occurs for every hop. Cisco Meraki best practice recommends a 2-hop maximum.

Answer:

C

Explanation:

https://documentation.meraki.com/MR/Deployment_Guides/Mesh_Deployment_Guide

There will be a throughput reduction (~50% reduction) with each "hop" in a mesh. It is recommended that a mesh network be designed for no more than one mesh hop from the gateway to client device.

Question 8

Question Type: MultipleChoice

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

Options:

A- Full

B- Read-only

C- Monitor-only

D- Write

E- Write-only

Answer:

A, B

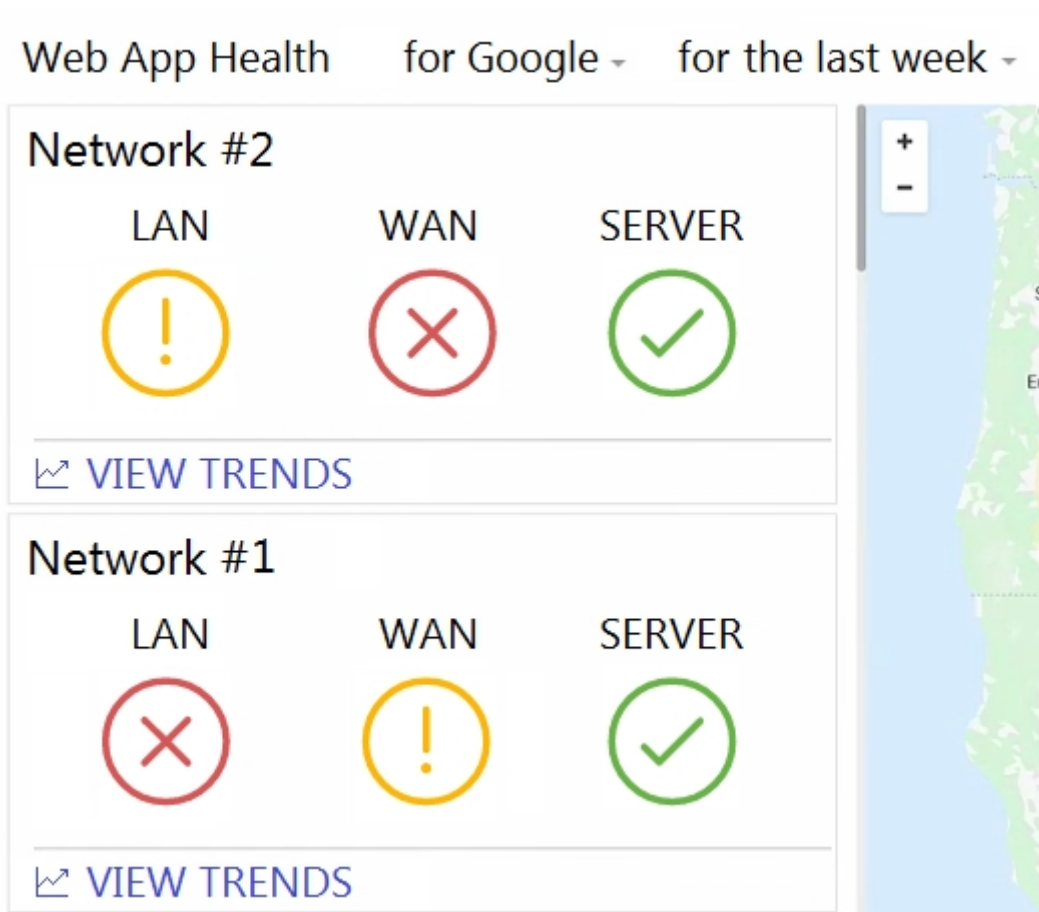
Explanation:

Managing_Dashboard_Administrators_and_Permissions

Question 9

Question Type: MultipleChoice

Refer to the exhibit.



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

Options:

- 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:

A, E

To Get Premium Files for 500-220 Visit

<https://www.p2pexams.com/products/500-220>

For More Free Questions Visit

<https://www.p2pexams.com/cisco/pdf/500-220>

