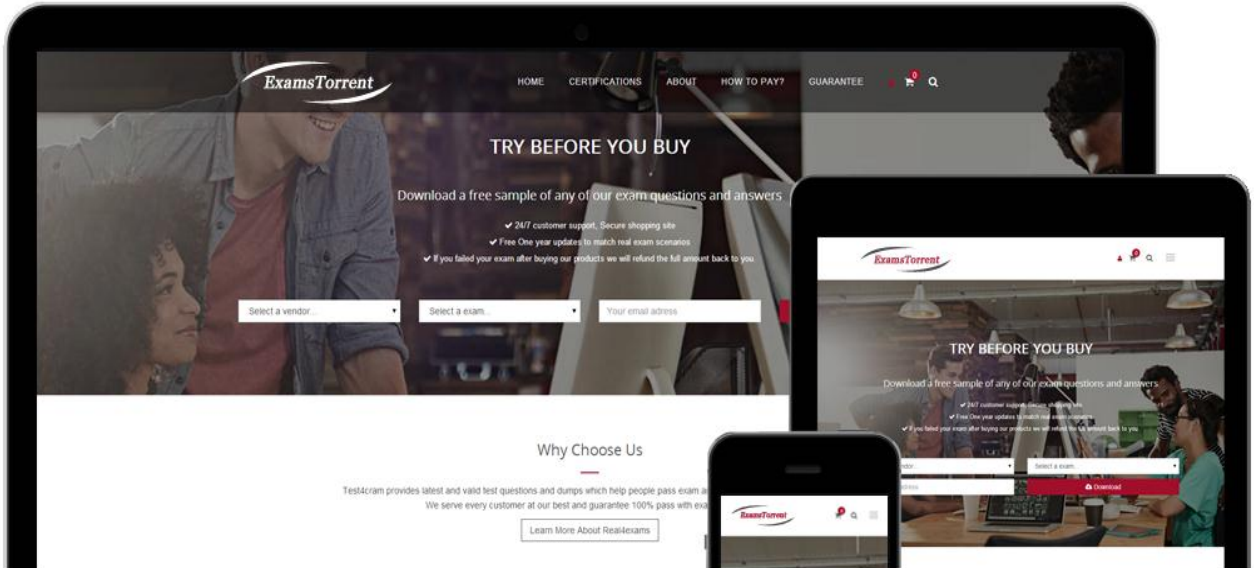


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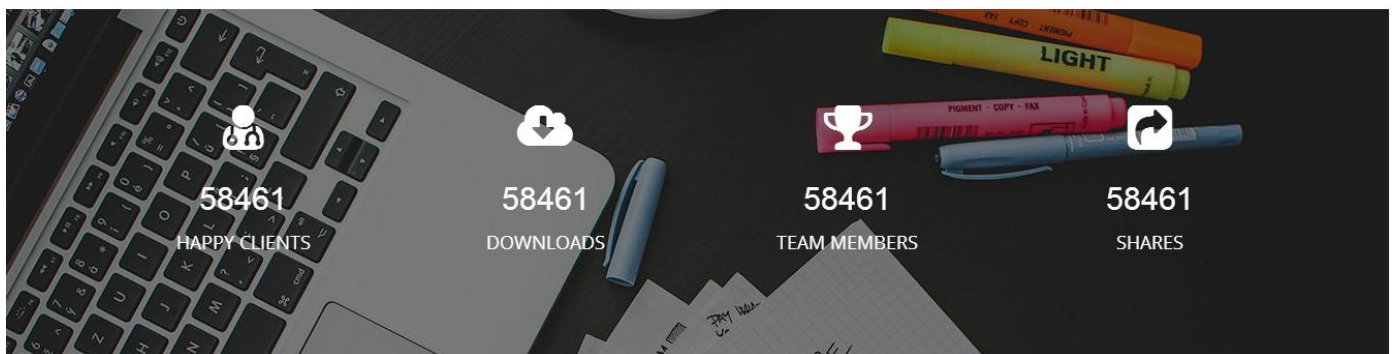
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Exam : **500-220**

Title : Engineering Cisco Meraki
Solutions

Vendor : Cisco

Version : DEMO

NO.1 Drag and drop the settings from the left into the boxes on the right to indicate if the setting will be cloned or not cloned using the Cisco Meraki MS switch cloning feature.

switch management IP
switch name
port name
interface type
STP bridge property

Cloned
Not Cloned

Answer:

switch management IP
switch name
port name
interface type
STP bridge property

Cloned
port name
interface type
STP bridge property
Not Cloned
switch management IP
switch name

Explanation

The settings that will be cloned using the Cisco Meraki MS switch cloning feature are:

port name

interface type

STP bridge property

The settings that will not be cloned using the Cisco Meraki MS switch cloning feature are:

switch management IP

switch name

NO.2 A Cisco Meraki MX security appliance is trying to route a packet to the destination IP address of

172.18.24.12. Which routes contained in its routing table does it select?

A. Auto VPN route 172.18.0.0/16

B. static route 172.16.0.0/12

C. non-Meraki VPN route 172.18.24.0/24

D. directly connected 172.18.16.0/20

Answer: C

Explanation

Route Priority

Each type of route configured on the MX has a specific priority in comparison with other types of routes. The priority is as follows:

Directly Connected

Client VPN

Static Routes

AutoVPN Routes

Non-Meraki VPN Peers

BGP learned Routes

NAT*

https://documentation.meraki.com/MX/Networks_and_Routing/MX_Routing_Behavior

NO.3 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

Explanation

https://documentation.meraki.com/MR/MR_Splash_Page/Systems_Manager_Sentry_Enrollment

NO.4 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: A

Explanation

What happens if a network loses connectivity to the Meraki cloud?

Because of Meraki's out of band architecture, most end users are not affected if Meraki wireless APs, switches, or security appliances cannot communicate with Meraki's cloud services (e.g., because of a temporary WAN failure):

- * Users can access the local network (printers, file shares, etc.)
- * If WAN connectivity is available, users can access the Internet
- * Network policies (firewall rules, QoS, etc.) continue to be enforced
- * Users can authenticate via 802.1X/RADIUS and can roam wirelessly between access points
- * Users can initiate and renew DHCP leases
- * Established VPN tunnels continue to operate
- * Local configuration tools are available (e.g., device IP configuration)

https://meraki.cisco.com/lib/pdf/meraki_datasheet_cloud_management.pdf

NO.5 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

Answer: D

Explanation

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

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, Hub Tunnel Count = $(2 \times (2 - 1) / 2 \times 2) + (2 \times 50 \times 2 \times 1)$ Hub Tunnel Count = $(2 \times 1 / 2 \times 2) + (200 \times 2)$ Hub Tunnel Count = $(2 / 2 \times 2) + (400)$ Hub Tunnel Count = $(1 \times 2) + (400)$ Hub Tunnel Count = $2 + 400$ Hub Tunnel Count = 402 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.

NO.6 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: D E

NO.7 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 removed. All the profiles that Systems Manager pushed are also removed.

D. The "Meraki Management" profile is removed. All the profiles Systems Manager pushed remain.

Answer: C

Explanation

On the device, navigate to Settings > General > Device Management

Select Meraki Management, and select Remove to delete the management profile and any managed configuration profiles installed via SM