

500-220^{Q&As}

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QUESTION 1

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

Correct Answer: C

QUESTION 2

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.

Correct Answer: A

QUESTION 3

When an SSID is configured with Sign-On Splash page enabled, which two settings must be configured for unauthenticated clients to have full network access and not be allow listed? (Choose two.)

- A. Controller disconnection behavior
- B. Captive Portal strength
- C. Simultaneous logins
- D. Firewall and traffic shaping
- E. RADIUS for splash page settings

Correct Answer: AB

Reference: https://documentation.meraki.com/MR/Access_Control

QUESTION 4

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

Correct Answer: D

Reference: https://documentation.meraki.com/General_Administration/Monitoring_and_Reporting/Meraki_Device_Reporting_-_Syslog%2C_SNMP%2C_and_API

QUESTION 5

Corp MX 1
MX450
PRIMARY

Summary Uplink

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 data for the last day
Connectivity

08:00 12:00 16:00

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

- 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 and VLANS page.

Correct Answer: C

QUESTION 6

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

Use the uplink that's best for VoIP traffic.
Prefer WAN 2. Fail over if poor performance for "Conf"


Traffic filters

All VoIP & video conferencing
WebEx

Actions

+ ×
+ ×

[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](#)

Refer to the exhibit. 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.

Correct Answer: A

QUESTION 7

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

QUESTION 8

Which two features and functions are supported when using an MX appliance in Passthrough mode? (Choose two.)

- A. intrusion prevention
- B. site-to-site VPN
- C. secondary uplinks
- D. DHCP
- E. high availability

Correct Answer: AB

Reference: https://documentation.meraki.com/MX/Networks_and_Routing/Passthrough_Mode_on_the_MX_Security_Appliance_and_Z-series_Teleworker_Gateway

QUESTION 9

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.

Correct Answer: C

Reference: https://documentation.meraki.com/General_Administration/Templates_and_Config_Sync/Managing_Multiple_Networks_with_Configuration_Templates

QUESTION 10

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

Correct Answer: D

Reference: <https://community.meraki.com/t5/Security-SD-WAN/Firmware-Update-to-HA-unit/td-p/47865>

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