

# Cisco

## 500-220 Exam

### Engineering Cisco Meraki Solution

### Questions & Answers Demo

# Version: 4.0

---

## Question: 1

---

DRAG DROP

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	<b>Routed mode</b> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></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	<b>Passthrough mode</b> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></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	

---

**Answer:**

---

The MX appliance acts as a layer 2 bridge	<b>Routed mode</b> Client traffic to the internet has the source IP rewritten to match the WAN IP of the appliance VLANs cannot be configured This mode is the default mode of operation This mode is generally also the default gateway for devices on the LAN
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	
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	
	<b>Passthrough mode</b> The MX appliance acts as a layer 2 bridge DHCP services can be configured on the MX appliance This mode is not recommended at the network perimeter No address translation is provided

**Question: 2**

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 & traffic shaping
- E. RADIUS for splash page settings

**Answer: AB**

Reference: [https://documentation.meraki.com/MR/Access\\_Control](https://documentation.meraki.com/MR/Access_Control)

**Question: 3**

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**

**Question: 4**

For which two reasons can an organization become "Out of License"? (Choose two.)

- A. licenses that are in the wrong network
- B. more hardware devices than device licenses
- C. expired device license
- D. licenses that do not match the serial numbers in the organization
- E. MR licenses that do not match the MR models in the organization

**Answer: BC**

Reference:

[https://documentation.meraki.com/General\\_Administration/Licensing/Meraki\\_Licensing\\_FAQs](https://documentation.meraki.com/General_Administration/Licensing/Meraki_Licensing_FAQs)

## Question: 5

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

WAN 2  [simple](#)

Cellular

Uplink selection

**Global preferences**

Primary uplink

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**

**Thank You For Trying 500-220 PDF Demo**

**To try our 500-220 Premium Files visit link below:**

**<https://examsland.com/latest-exam-questions/500-220/>**

**Start Your 500-220 Preparation**

**Use Coupon **EL25** for extra 25% discount on the purchase of Practice Test Software.**