

# Demo Questions

## Cisco 500-220 Exam

### Engineering Cisco Meraki Solution

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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> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
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> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
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: \_\_\_\_\_

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**Question: 2**

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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

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Answer: AB

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

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Question: 3

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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

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


[Add a preference](#)

#### Traffic filters

All VoIP & video conferencing  
WebEx

#### Actions

+ ×  
+ ×

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.

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Answer: B

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## Question: 4

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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

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Answer: BC

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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.

The screenshot shows the Cisco Meraki SD-WAN & traffic shaping configuration page. The left sidebar contains navigation options: NETWORK, EMEAR-TRAINER-DEMO, Network-wide, Security & SD-WAN (highlighted), Switch, Wireless, Cameras, Insight, and Organization. The main content area is titled "SD-WAN & traffic shaping" and includes the following sections:

- Uplink configuration:** WAN 1 (4 Gbps), WAN 2 (4 Gbps), and Cellular (Unlimited).
- Uplink statistics:** A table with columns: Test connectivity to (8.8.8.8), Description (Google), Default (selected), and Actions (X). A link "Add a destination" is present below.
- List update interval:** WAN 1 (Hourly), WAN 2 (Hourly), and Cellular (Hourly). A link "simple" is present next to WAN 2.
- Uplink selection:**
  - Global preferences:** Primary uplink (WAN 1), Load balancing (Disabled).
  - Flow preferences:** Internet traffic (There are no uplink preferences for Internet traffic configured on this network. Link: "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