



Vendor: HP

Exam Code: HP0-Y30

Exam Name: Implementing HP Networking Technologies

Version: DEMO

QUESTION 1

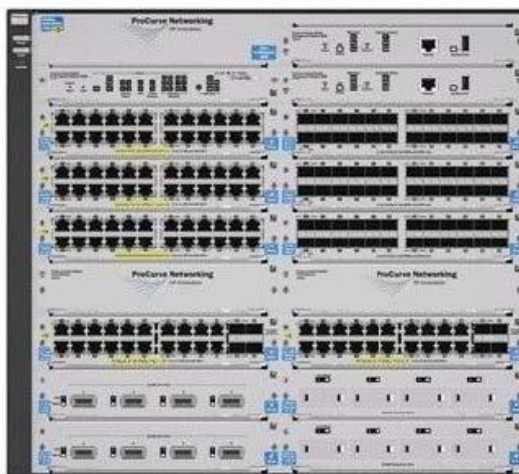
Which A-Series switch is designed for the large data center and the enterprise core?

- A. A5820
- B. A7500
- C. A9500
- D. A12500

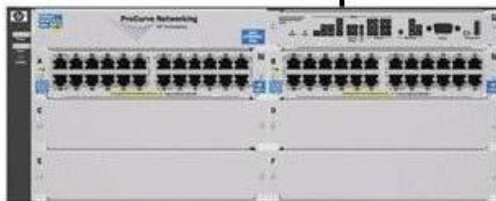
Answer: D

QUESTION 2

In the configuration shown in the exhibit, which users can access the web management interface of the E5406 zl?



Untagged VLAN 1
Tagged VLANs 21, 22, 23



```
E8212 zl
ip routing
ip authorized-managers 10.3.21.0/24
vlan 1
    ip address 10.3.1.1/24
vlan 21
    ip address 10.3.21.1/24
vlan 22
    ip address 10.3.22.1/24
vlan 23
    ip address 10.3.23.1/24
vlan 24
    ip address 10.3.24.1/24
vlan 21
    untagged C1-C4
vlan 22
    untagged C5-C8
```

```
E5406 zl
ip default-gateway 10.3.1.1
vlan 1
    ip address 10.3.1.2/24
vlan 21
    untagged A1-A4
vlan 22
    untagged A5-A8
vlan 23
    untagged A9-A12
```

- A. users in VLAN 1 only
- B. users in VLAN 21 only
- C. users in all VLANs directly connected to the E5406 only
- D. users in all VLANs connected to either switch

Answer: D

QUESTION 3

Which unencrypted protocol can be used to back up configuration files for an HP E5400 zl Series switch?

- A. SFTP
- B. SCP
- C. FTP
- D. TFTP

Answer: D

QUESTION 4

What does the output shown in the exhibit indicate about this HP E3500-24G yl switch? (All switches in the Spanning Tree are at default settings.)

```
E3500# show spanning-tree

Multiple Spanning Tree (MST) Information

STP Enabled      : Yes
Force Version    : MSTP-operation
IST Mapped VLANs : 1-4094
Switch MAC Address : 001635-b620c0
Switch Priority    : 32768
Max Age          : 20
Max Hops         : 20
Forward Delay     : 15

Topology Change Count : 1
Time Since Last Change : 3 mins

CST Root MAC Address : 0017a4-750700
CST Root Priority      : 0
CST Root Path Cost    : 40000
CST Root Port         : 23

IST Regional Root MAC Address : 001635-b620c0
IST Regional Root Priority     : 32768
IST Regional Root Path Cost    : 0
IST Remaining Hops             : 20

Root Guard Ports      :
TCN Guard Ports       :
BPDU Protected Ports :
BPDU Filtered Ports   :
PUSH Protected Ports  :
PUSH Filtered Ports   :

Port      Type      Cost      Priority State      Designated Bridge      Hello Time PtP Edge
-----
1         100/1000T 200000    128     Forwarding 001635-b620c0 2      Yes  Yes
...
23        100/1000T 20000     128     Forwarding 0019bb-aea640 2      Yes  No
24        100/1000T Auto      128     Disabled
```

- A. Port 23 is connected to the Root Bridge.
- B. Port 23 is configured with a low Port Priority.
- C. Port 23 is connected to the Root Bridge through an intervening switch.

D. Port 23 is connected to a switch that does not support Spanning Tree.

Answer: C

QUESTION 5

You have defined VLANs and IP interfaces on an HP E5412 zl switch. Otherwise, the switch is at default settings. What is the effect of the following command?

```
E5412(config)# spanning-tree
```

- A. MSTP is enabled globally. The switch will function as if RSTP were enabled until other MSTP parameters are defined.
- B. MSTP is enabled globally. The switch will negotiate its role in the MST region with other switches.
- C. RSTP is enabled globally. To enable MSTP, you must specify the protocol for each VLAN that will be included in the MST region.
- D. STP is enabled globally. A specific Spanning Tree Protocol must be enabled for each VLAN in the IST.

Answer: A

QUESTION 6

You must configure Multiple Spanning Tree Protocol (MSTP) on an HP E8212 zl switch and three E5406 zl switches. What is required to ensure that all of the switches join the same MST region?

- A. The switches must be running the same software version.
- B. The switches must be configured to discard BPDUs from switches using STP or RSTP.
- C. Bridge Priorities on all switches must be configured so that each MST instance has a different Root Bridge.
- D. The switches must be configured with identical MST config-names, config-revisions, and VLAN- to-instance mappings.

Answer: D

QUESTION 7

While examining switch configurations at a customer site, you notice that an edge switch serving a single office is the Root Bridge in a single-instance Spanning Tree. This has led to the development of inefficient forwarding paths because some switches are now forwarding traffic toward this switch and away from the network core.

What is an accurate explanation for this finding?

- A. The two switches are configured for different Spanning Tree Protocols.
- B. The core switch is configured to support edge ports.
- C. The edge switch is running a newer software version than the core switch.
- D. The core switch is configured with a higher Bridge Priority value than the edge switch.

Answer: D

QUESTION 8

After configuring MSTP on HP switches at a customer site, you learn that users in VLAN 44 can no longer access a server that was available immediately before Spanning Tree was enabled. Which statement explains this situation?

- A. The server and the users are connected to switches in different MST regions.
- B. The edge switches that support users in VLAN 44 do not support MSTP.
- C. There is a break in the VLAN 44 forwarding path.
- D. The switches are not all configured with the same Spanning Tree Protocol.

Answer: C

QUESTION 9

The output of show spanning-tree instance 4 on three HP E5406 zl Series switches indicates that all three switches are the Root of MST instance 4. What is a possible explanation of this result?

- A. The switches have identical Bridge Priorities.
- B. The switches have different MST configuration revisions.
- C. The switches are running different software versions.
- D. The switches have identical Port Priorities for ports associated with the instance.

Answer: B

QUESTION 10

What is the process for installing an HP PCM+ Remote Client?

- A. add the workstation's IP address to the update list on a PCM+ Remote Agent
- B. download software from the PCM+ server
- C. download a client installer from the HP website
- D. select "Client" instead of "Server" in PCM+ installer

Answer: B

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