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Q&A

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Exam : HP2-Z18

**Title : Network Infrastructure AIS
2011**

Version : DEMO

1.You are at the manager level prompt in the CLI of an HP E3500 yl switch. Which options are available at this prompt? (Select two.)

- A. assign IP address to VLAN interface
- B. enable IP routing
- C. restart the switch
- D. disable ports
- E. update software

Answer: C, E

2.Which command entered at the CLI of an HP E3500 yl switch displays dynamic information about traffic transmitted and received on each port?

- A. E3500 yl# show interface traffic
- B. E3500 yl# show interface all
- C. E3500 yl# show interface display
- D. E3500 yl# show interface dynamic

Answer: C

3.When Spanning Tree Protocol is enabled, which devices receive outbound LLDP advertisements from an HP E-Series switch?

- A. those with interfaces in VLAN 1
- B. those that receive the switch's broadcasts
- C. those that are directly connected to the switch
- D. those in the LLDP multicast group
- E. those not blocked by Spanning Tree Protocol

Answer: C

4.You make configuration changes to the running configuration of your HP E3500 yl switch. Which command saves these changes to your startup configuration?

- A. save running-config
- B. copy running-config startup-config
- C. write memory
- D. write config

Answer: C

5.You must update the software on an HP E3500 yl switch. Which devices can be sources for the copy command? (Select two.)

- A. USB flash drive
- B. management workstation hard drive
- C. TFTP server
- D. FTP server
- E. Compact Flash card

Answer: A, C

6.You must determine whether routing has been enabled on an HP E 5406 zl switch. Which commands

provide this information? (Select two.)

- A. show interfaces
- B. show running-config
- C. show vlans
- D. show ip route
- E. show ip

Answer: B, D

7.You must determine whether routing has been enabled on an HP E 5406 zl switch. Which commands provide this information? (Select two.)

```
hostname "E5406"
module 1 type J8702A
vlan 1
  name "DEFAULT_VLAN"
  untagged A9-A24
  ip address 192.168.1.1 255.255.255.0
  no untagged A1-A8
  exit
vlan 5
  name "VLAN5"
  untagged A1-A4
  ip helper-address 192.168.1.2
  ip address 192.168.5.1 255.255.255.0
  exit
vlan 6
  name "VLAN6"
  untagged A5-A8
  ip helper-address 192.168.1.2
  ip address 192.168.6.1 255.255.255.0
  exit
vlan 2
  name "VLAN2"
  ip address 192.168.2.1 255.255.255.0
  exit
snmp-server community "public" unrestricted
spanning-tree
spanning-tree priority 0
```

- A. show interfaces
- B. show running-config
- C. show vlans
- D. show ip route
- E. show ip

Answer: B, E

8.Refer to the exhibit below.

```
E5406# show vlan 100
```

Status and Counters - VLAN Information - VLAN 100

```
VLAN ID : 100
Name : VLAN100
Status : Port-based
Voice : No
Jumbo : No
```

Port	Information	Mode	Unknown VLAN	Status
A24		Untagged	Learn	Up

```
E5406# show vlans port a24
```

Status and Counters - VLAN Information - for ports A24

VLAN ID	Name	Status	Voice	Jumbo
100	VLAN100	Port-based	No	No

You enter the following command at the switch's CLI

```
E5406(vlan-100)# no untag a24
```

Why does this command fail?

- A. Port A24 is not a member of VLAN 100.
- B. Port A24 must be a member of at least one VLAN.
- C. VLAN 100 must have at least one port member.
- D. no untag a24 is an invalid CLI command.

Answer: B

9.Port B1 on an HP ProCurve 5406zl switch is an untagged member of VLAN 155 and not a tagged member of any VLAN. Port C1 is a tagged member of VLAN 155 and an untagged member of VLAN 100.

You issue the following command:

```
5406zl(config)# no vlan 155
```

Why do you receive the following prompt?

The following ports will be moved to the default VLAN:

B1

Do you want to continue? [y/n]:

- A. The CLI always issues this prompt when deleting a VLAN.
- B. The CLI will not allow you to orphan a port.
- C. The CLI will not delete a VLAN with any port membership.
- D. All ports must be moved to the default VLAN before you can delete the VLAN.

Answer: B

10.Which security technology requires that you set read/write community names?

- A. SFTP
- B. SSH
- C. SNMP
- D. HTTPS
- E. SMTP

Answer: C

11.You must enable Secure HTTP (HTTPS) to encrypt web-based management traffic on an HP E-Series switch. The switch is at default settings. What must be installed or enabled to apply this solution?

- A. web server
- B. encryption accelerator
- C. digital certificate
- D. internal RADIUS server

Answer: A

12.A customer requires that each management user of HP switches has a unique user name and password. How can you fulfill this requirement on HP E-Series switches?

- A. Add each switch to the customer's Active Directory domain.
- B. Use an external RADIUS server for authentication.
- C. Enable 802.1X port authentication on each managed switch.
- D. Install a Premium License on each managed switch.

Answer: B

13.Which remote management interface on an E-Series switch can be secured by enabling Secure Sockets Layer (SSL)?

- A. console
- B. menu
- C. web management
- D. Telnet

Answer: C

14.You have configured a dynamic LACP four-port trunk connecting two HP E-Series switches. How will the switches share the load over the trunk?

- A. The switch that receives the first packet in each conversation will balance the load by ensuring reply packets use a different link.
- B. Each switch will assign conversations to links independent of the other switch's selection.
- C. The switches will exchange LACP BPDUs to negotiate a load-sharing algorithm.
- D. The switches will dynamically calculate the path of least congestion for each conversation.

Answer: D

15.Ports 1-4 on an HP E3500 yl switch are tagged members of VLAN 44 and untagged members of VLAN 45. What is the effect of the following command?

E3500(config)# trunk 1-4 trk3 lacp

- A. trk3 becomes a tagged member of VLAN 44 and an untagged member of VLAN 45.
- B. trk3 will have no VLAN memberships until they are configured by an administrator.
- C. trk3 becomes an untagged member of VLAN 1 and has no other VLAN memberships.
- D. trk3 becomes an untagged member of VLAN 1 and a tagged member of VLAN 44.

Answer: C