



Applying HP FlexNetwork Fundamentals

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QUESTION 1

A tagged frame arrives on a switch port that is not a tagged member of the VLAN indicated by the frame ID. What do fundamental VLAN operating rules require the switch to do with that frame?

- A. Ignore the VLAN tag and forward the frame, based on destination MAC address.
- B. Forward a copy of the frame to the default gateway.
- C. Attempt best effort delivery by flooding a copy of the frame to all other VLANs.
- D. Drop the frame.

Correct Answer: D

QUESTION 2

A network administrator is managing an HP Comware switch from the CLI. Which action can the administrator only perform in User view?

- A. verifying connectivity with traceroute or ping tools
- B. creating a VLAN and assigning ports to it
- C. executing display commands
- D. viewing files located in flash memory

Correct Answer: D

QUESTION 3

Two switches are members in an active Intelligent Resilient Framework (IRF) virtual device. A network administrator joins a third switch to the IRF virtual device. Which switch is now the master?

- A. The current master of the IRF virtual device always remains the master.
- B. The switch with the lowest member ID always becomes the master.
- C. The switch with the lowest priority value always becomes the master.
- D. The switch with the highest priority value always becomes the master.

Correct Answer: D

QUESTION 4

A network administrator establishes an aggregated link between an HP Comware and ProVision switch. VLAN 1 is untagged and VLANs 2 and 3 are tagged. The administrator configures these commands on the Comware switch:



```
interface bridge-aggregation 1
  quit
interface g1/0/1
  port link-aggregation group 1
  quit
interface g1/0/2
  port link-aggregation group 1
  quit
interface bridge-aggregation 1
  port link-type trunk
  port trunk permit vlan all
  quit
```

The administrator configures theses commands on the ProVision switch:

trunk 1-2 trk1 lacp vlan 2 tagged trk1 vlan 3 tagged trk1

Some of the links in the aggregated link become blocked.

Which Comware configuration should the administrator apply to the Comware switch to resolve this issue?

A. interface bridge-aggregation 1link-aggregation mode dynamic

B. interface bridge-aggregation 1link-aggregation type lacp dynamic

C. interface bridge-aggregation 1link-aggregation mode static

D. interface bridge-aggregation 1link-mode type lacp

Correct Answer: A

QUESTION 5

Refer to the exhibit.

Provision-1(config)# show spanning-tree 1,19,21 instance ist						
<-output omitted->						Designated
Port	Type	Cost	Priority	Role	State	Bridge
1	100/1000T	20000	128	Designated	Forwarding	d4c9ef-851680
19	100/1000T	20000	128	Root	Forwarding	d07e28-cec94f
21	100/1000T	20000	128	Alternate	Blocking	d07e28-ced31e

This switch currently assigns all VLANs to Multiple Spanning Tree Protocol (MSTP) instance 0 or the Internal Spanning Tree (IST). Which statement correctly describes interface 21?

A. The interface is down at Layer 2; it is not available for sending or receiving any traffic.



- B. The interface is an edge port but has received Bridge Protocol Data Units (BPDUs), so it is disabled.
- C. The interface does not forward or accept data traffic, but it is ready to start forwarding if interface 19 fails.

D. The interface does not support spanning tree; it is possible that it will introduce a loop in the network.

```
Correct Answer: C
```

QUESTION 6

A network administrator deletes old files in the flash file system of an HP Comware switch. The administrator then notices that the amount of free space available has not changed. Which command must the administrator execute to free up the space from deleted files?

- A. reset recycle-bin
- B. recycle-bin cleanup
- C. cleanup recycle-bin
- D. recycle-bin empty

Correct Answer: A

QUESTION 7

Refer to the exhibit.

Exhibit: HP Comware switch configuration

```
[Sw-A] interface bridge -aggregation 1
[Sw-A-Bridge-Aggregation1] description Connection-to-Distribution-1
[Sw-A-Bridge-Aggregation1] link-aggregation mode dynamic
[Sw-A-Bridge-Aggregation1] quit
[Sw-A] interface g1/0/1
[SW-A-GigabitEthernet1/0/1] port link-aggregation group 1
[SW-A-GigabitEthernet1/0/1] guit
[SW-A-GigabitEthernet1/0/2] port link-aggregation group 1
[SW-A-GigabitEthernet1/0/2] port link-aggregation group 1
[SW-A-GigabitEthernet1/0/2] guit
[SW-A-GigabitEthernet1/0/2] guit
[Sw-A] interface bridge-aggregation 1
[Sw-A-Bridge-Aggregation1] port link-type trunk
[Sw-A-Bridge-Aggregation1] port trunk permit vlan 100 200
```

Based on the exhibit output, which type of link aggregation is this?

- A. dynamic trunk protocol
- B. static trunking
- C. dynamic port group



D. static LACP

Correct Answer: C

QUESTION 8

Which term refers to aggregated links on HP ProVision switches?

- A. smart linking
- B. meshing
- C. EtherChannels
- D. trunking
- Correct Answer: D

QUESTION 9

A network administrator executes these commands on an HP ProVision switch: ProVision(config)# ip route 10.1.100.0/24 10.1.1.1 ProVision(config)# ip route 10.1.200.0/24 10.1.1.1 The administrator attempts to ping a device in the 10.1.100.0/24 network from a client attached to the switch and is unable to ping it. Assume there are no firewalls and all other settings are correct. What must the administrator configure on

the ProVision switch to get a response?

- A. ProVision(config)# ip routing
- B. ProVision(config)# spanning-tree disable
- C. ProVision(config)# routing enable
- D. ProVision(config)# routingProVision(config-router)# ip enable

Correct Answer: A

QUESTION 10

A network administrator examines an HP Comware switch that is configured to route packets between VLANs. The switch is configured with multiple routing protocols. All routing protocols have learned of the same destination network. All routing protocols use the default administrative distances.

Which routing protocol does the switch select for the destination network?

A. EIGRP

B. Indirect



- C. OSPF
- D. Static route

Correct Answer: C

QUESTION 11

A company has a network comprised of HP Comware and ProVision switches. A network administrator purchases HP Intelligent Management Center (IMC) to manage the switches in this network. Which step must the administrator perform on the Comware switches but not on the ProVision switches?

A. Configure SNMP traps.

- B. Configure VTY interface authentication.
- C. Define SNMPv2 community strings or SNMPv3 groups and users.

D. Configure telnet or SSH.

Correct Answer: B

QUESTION 12

A network administrator adds a new VLAN in a campus network, VI.AN 120. The administrator needs to set up a DHCP scope for this VLAN. The scope will include an IP address for DHCP clients and a default gateway address. An HP Comware aggregation layer switch acts as a DHCP server for this VLANs at the access layer. The administrator configures this on the Comware switch for the new DHCP scope:

```
dhcp server ip-pool 120
   network 10.1.120.0 24
   gateway 10.1.120.254
   expired 1 day
   quit
dhcp server forbidden-ip 10.1.120.250 10.1.120.254
dhcp server ping packets 2
dhcp server ping timeout 750
```

Based on this configuration, what else must the administrator configure to make the pool available to DHCP clients that send requests in VLAN 120?

A. dhcp vlan 120

B. dhcp server ip pool 120vlan 120

- C. dhcp enable
- D. dhcp server vlan 120

Correct Answer: C



QUESTION 13

A company needs a two-member Intelligent Resilient Framework (IRF) virtual switch. The network administrator is configuring IRF member 2 that will connect to port 1/1 on IRF member 1. What is the correct IRF port ID for member 2?

A. 1/2 B. 2/2 C. 1/1 D. 2/1 Correct Answer: B

QUESTION 14

Refer to the exhibit.

```
ProVision-1# show version
Image stamp:
/ws/swbuildm/KA_rel_irvine_qaoff/code/build/tam(swbuildm_KA_rel_irvine_qaoff_re
l_irvine)
Mar 13 2013 11:26:17
KA.15.10.0011
542
Boot Image: Primary
```

What can a network administrator determine from the output in the exhibit?

- A. The switch will boot the primary software on its next boot.
- B. The switch has no software stored in the secondary slot.
- C. The switch is using the config file in the primary slot for its startup-config.
- D. The switch booted the primary software on its previous boot.

Correct Answer: D

QUESTION 15

What is a valid reason to choose an 802.11a wireless implementation?

- A. It supports a large range (distance) from the AP at a given data speed
- B. It has fewer available channels than 802.11b/g, enabling easier deployment
- C. It has transmission speed higher than 802.11n
- D. It will not interface with an 802.11b/g installation.

Correct Answer: D



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