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Exam Code: HP0-Y49

Exam Name: Applying HP FlexNetwork Fundamentals

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Exam A

QUESTION 1
Which wireless technology is limited to operate in a frequency range with only three non-overlapping channels?

A. 802.1a
B. 802.1x
C. 802.1ad
D. 802.11g

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Answer D

QUESTION 2
Which technology does the HP Virtual Connect support?

A. InfiniBand connection to server backplane
B. Fibre Channel over Ethernet (FCoE) V
C. Distributed truncking
D. Intelligent Resilient Framework (IRF)

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3
What is the default payload size for an 802.3 Ethernet frame on HP switches?

A. 1500 bytes
B. 1518 bytes
C. 1522 bytes
D. 9022 bytes

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Answer A

QUESTION 4
Two OSPF routers are on a segment, and both of their interfaces become active. What is the initial OSPF state after an adjacency has formed?

A. Established
B. Exstart
C. Two-way
D.   Full

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
A network administrator executes these commands on an HP **Comware** switch:
[Comware] super password level 1 simple hp1
[Comware] super password level 2 simple hp2
[Comware] super password level 3 simple hp3
[Comware] quit
<Comware>
The network administrator then executes this command to test the configuration:
<Comware> super 0
What is the outcome of the configuration?

A. The network administrator is immediately placed into Monitor view.
B. Access is denied because no level 0 password has been defined.
C. A password of hp0 must be entered to access the view.
D. The network administrator is immediately placed into visitor view.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
Which STP protection feature does HP recommended against rogue switches?

A. Root Protection should be enabled on access layer switches.
B. BPDU Protection should be enabled on edge ports and uplink ports.
C. Root Protection should be enabled on access and aggregation layer switches.
D. BPDU Protection should be enabled on edge ports.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
On an HP **Comware** switch, which view must an administrator access in order to execute the debug command?

A. Manager
B. Operator
C. System
D. User

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 8
An HP Provision switch has port A1 connected to port g1/0/1 of an HP Comware switch. The ProVision port has the following configuration: vlan 1 untag A1 vlan 10 tag A1 vlan 20 tag A1

Which **Comware** configuration will allow the three VLANs to successfully pass traffic between the two switches?

A. interface g1/0/1

port link-type trunk
port trunk permit vlan 1 10 20

B. interface g1/0/1 port trunk encapsulation dot1q
port trunk native vlan 1
port trunk permit vlan 1 10 20

C. interface g1/0/1 port trunk
port trunk
permit auto-vlan

D. interface g1/0/1 port trunk
port trunk
permit auto-vlan

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 9
When adding a new member to an existing IRF domain, which of the following must you perform first?

A. Define the IRF priority.
B. Create the IRF logical port.
C. Define the IRF domain name.
D. Define the IRF member number.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 10
Which statement is true concerning spanning tree protocols and HP switches?

A. ProVision switches use non-standard default cost values
B. Comware switches have spanning tree enabled, by default
C. ProVision switches, by default, auto-sense edge ports

D. Comware switches use their serial number as the switch identifier in the bridge ID

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 11
What is the maximum number of active links supported between a device and HP ProVision switches when distributed trunking is used to connect the device to the ProVision switches?

A. Two
B. Four
C. Six
D. Eight

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12
Which **ProVision** configuration includes 10.0.3.0/24, which represents VLAN 30 in OSPF area 0?

A. vlan 30 ip ospf area 0
B. vlan 30 area 0
C. interface vlan 30 ip ospf area 0
D. router ospf area 0 vlan 30

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 13

Which open standard allows a switch with PoE support to correctly determine the power requirements of a connected device?

A. ICMP
B. AutoPower
C. LLDP-MED
D. CDP

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
The Link Layer Discovery Protocol (LLDP) is a vendor-neutral link layer protocol in the Internet Protocol Suite used by network devices for advertising their identity, capabilities, and neighbors on an IEEE 802 local area network, principally wired Ethernet. Media Endpoint Discovery is an enhancement of LLDP, known as LLDP-MED, that provides the following facilities:
• Auto-discovery of LAN policies (such as VLAN, Layer 2 Priority and Differentiated services settings) enabling plug and play networking.
• Device location discovery to allow creation of location databases and, in the case of Voice over Internet Protocol (VoIP), Enhanced 911 services.
• Extended and automated power management of Power over Ethernet (PoE) end points.

QUESTION 14
Which statement is true about wireless technologies?

A. 802.11n uses MIMO technology to improve data rates
B. 802.11g uses GIGO technology to improve security.
C. 802.11b/g use an 802.11a-compatible frequency
D. 802.11a uses the less crowded 2.4 GHz range

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
IEEE 802.11n is an amendment to IEEE 802.11-2007 as amended by IEEE 802.11k-2008, IEEE 802.11r-2008, IEEE 802.11y-2008, and IEEE 802.11w-2009, and builds on previous 802.11 standards by adding multiple-input multiple-output (MIMO) and 40 MHz channels to the PHY (physical layer), and frame aggregation to the MAC layer.
MIMO is a technology that uses multiple antennas to coherently resolve more information than possible using a single antenna. One way it provides this is through Spatial Division Multiplexing (SDM), which spatially multiplexes multiple independent data streams, transferred simultaneously within one spectral channel of bandwidth. MIMO SDM can significantly increase data throughput as the number of resolved spatial data streams is increased

QUESTION 15
Examine this output from the **Comware** command shown in the exhibit. Based on the flag of ACDEF, what is the status of the aggregated link?

A. Static LACP link aggregation is configured, and the aggregated link is operational with load sharing not being performed.
B. Static LACP link aggregation is configured, and the aggregated link is operational with load sharing being performed.
C. Static link aggregation is configured, and the aggregated link is operational with load sharing being performed
D. Static link aggregation is configured, and the aggregated link is operational with load sharing not being performed.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16
Which HP **ProVision** switch command defines 10.1.1.1 as a syslog server?

A. Info-center 10.1.1.1
B. Syslog 10.1.1.1
C. Logging 10.1.1.1
D. Logserver 10.1.1.1

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
The switch event log is stored in volatile memory and is lost on a reboot. It is best to configure a syslog server to handle the log on another server in non-volatile memory.
For syslog:
HP-Provision-Switch (config)# logging <IPv4 or IPv6 address>
Reference: http://h10032.www1.hp.com/ctg/Manual/c02667379.pdf

QUESTION 17
Which command can a network administrator execute on an HP **Commware** switch to manage configuration files?

A. Restore startup-configuration
B. Erase startup-configuration
C. Rename config
D. Erase startup-config

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference: