

HP

Exam HP0-Y49

HP ATP FlexNetwork Solutions

Version: 6.1

[Total Questions: 64]

Question No : 1

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

Answer: C

Explanation:

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 No : 2

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.

Answer: A

Explanation:

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 No : 3

Refer to the exhibit.

Exhibit HP Comware command output.

```
<Comware> display link-aggregation verbose bridge-aggregation 2
<-output omitted->
System ID: 0x8000, 000f-e267-6c6a
```

```
Local:
Port      Status  Priority Oper-key  Flag
-----
GE1/0/3   8       32768   2         (ACDEF)
GE1/0/4   8       32768   2         (ACDEF)

Remote:
Actor     Partner Priority Oper-key  SystemID      Flag
-----
GE1/0/3   32      32768   2         0x8000, 000f-r267-57ad (ACDEF)
GE1/0/4   26      32768   2         0x8000, 000f-r267-57ad (ACDEF)
```

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.

Answer: B

Question No : 4

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

Answer: C

Explanation:

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 No : 5

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

Answer: A

Explanation:

http://www.h3c.com/portal/Technical_Support___Documents/Technical_Documents/Switches/H3C_S12500_Series_Switches/Configuration/Operation_Manual/H3C_S12500_CG-Release7128-6W710/01/201301/772595_1285_0.htm

Question No : 6

Which type of access is considered an In-band management connection?

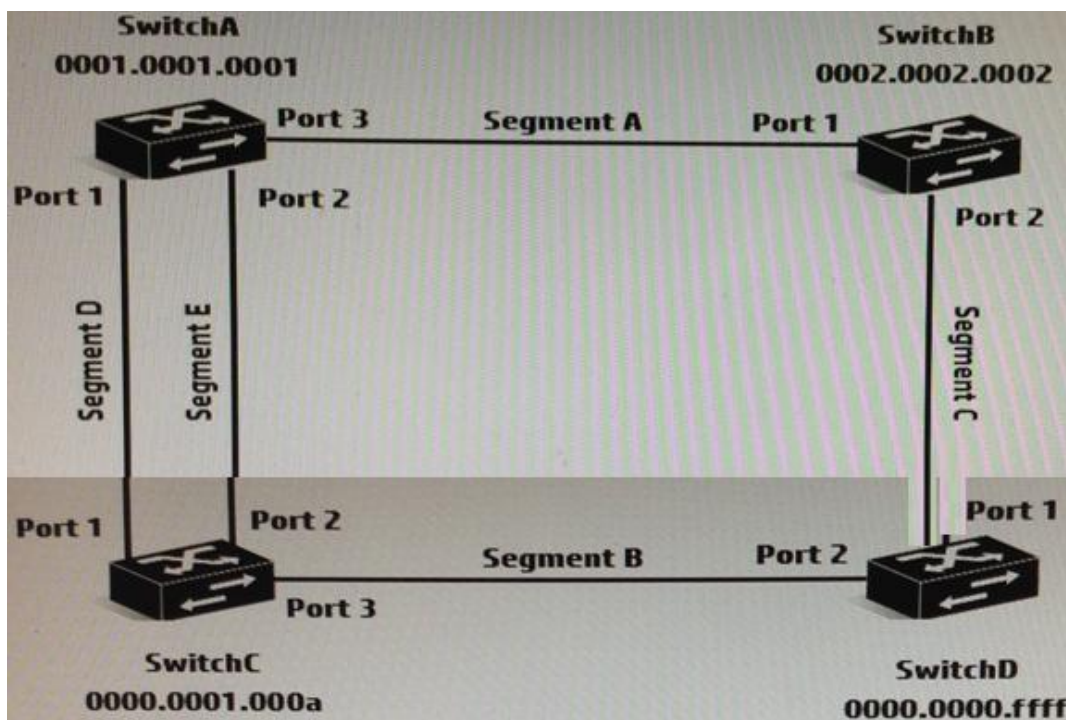
- A. Serial connection to Console port
- B. Dial-up to an auxiliary port
- C. SSH from a desktop to the device
- D. Telnet to an HP iLO management port

Answer: C

Question No : 7



Refer to the exhibit.

Exhibit: Network topology



A company has implemented a switched network based on the RSTP spanning tree protocol. Assume the following:

- ✍* All switches have the same priority

-  All ports have the same cost
-  All ports have the same priority

Based on this information, which answer is correct?

- A. Port 2 on SwitchC is a designated port.
- B. Port 3 on SwitchC is a designated port.
- C. Port 1 on SwitchB is a discarding port.
- D. Port 1 on SwitchD is a root port.

Answer: B

Explanation:

MSTP selects the device with the lowest MAC address as the root bridge, so in this case it is SwitchD. The root bridge is the only bridge in the network that does not have a root port. All other bridges receive BPDUs on at least one port.

Question No : 8

Which HP Comware component allows a network administrator to adjust the logging process?




- A. SNMP management center
- B. Information center
- C. Logging process
- D. System logging center

Answer: B

Explanation:

Acting as the system information hub, information center classifies and manages system information, offering a powerful support for network administrators and developers in monitoring network performance and diagnosing network problems.

The following describes the working process of information center:

-  Receives the log, trap, and debugging information generated by each module.
-  Outputs the above information to different information channels according to the user-defined output rules.
-  Outputs the information to different destinations based on the information channel-to-destination associations.

Question No : 9

What must a network administrator define on an HP Comware switch in order to implement username and passwords to protect access to the CLI?

- A. Authentication scheme
- B. Privilege levels
- C. Local authentication
- D. Super passwords

Answer: C

Explanation:

Authentication fallback

If all authentication servers are unavailable, local authentication can be used.

Reference:

https://h20565.www2.hp.com/portal/site/hpsc/template.BINARYPORTLET/public/kb/docDisplay/resource.process/?spf_p.tpst=kbDocDisplay_ws_BI&spf_p.rid_kbDocDisplay=docDisplayResURL&javax.portlet.begCacheTok=com.vignette.cachetoken&spf_p.rst_kbDocDisplay=wsrp-resourceState%3DdocId%253Demr_na-c03536920-4%257CdocLocale%253Den_US&javax.portlet.endCacheTok=com.vignette.cachetoken

Question No : 10

Why does HP recommended using SSH instead of Telnet for remote device management?

- A. SSH connections are established almost five times faster.
- B. SSH encrypts the data you exchange with the switch.
- C. SSH must be enabled for TFTP file transfers.
- D. SSH provides a graphical shell for GUI management.

Answer: B

Question No : 11

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