



**Vendor:** HP

**Exam Code:** HP0-Y49

**Exam Name:** Applying HP FlexNetwork Fundamentals

**Version:** DEMO

#### 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

**Answer: D**

**Explanation:**

802.11b (and 802.11g) networks offer 11 channels, but only three channels (1, 6, and 11) do not overlap with each other. In a large-scale building or campus-wide installation, the ability to use only three channels can reduce real-world throughput and make avoiding interference from other 802.11b or 802.11g-based wireless networks difficult.

#### QUESTION 2

Which technology does the HP Virtual Connect support?

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

**Answer: B**

**Explanation:**

Virtual Connect interconnect modules provide the following capabilities:

Reduces the number of cables required for an enclosure, compared to using pass-thru modules.

Reduces the number of edge switches that LAN and SAN administrators must manage.

Allows pre-provisioning of the network, so server administrators can add, replace, or upgrade servers without requiring immediate involvement from the LAN or SAN administrators.

Enables a flatter, less hierarchical network, which reduces equipment and administration costs, reduces latency, and improves performance.

Delivers direct server-to-server connectivity within the BladeSystem enclosure. This is an ideal way to optimize east-west traffic flow, which is becoming more prevalent at the server edge with the growth of server virtualization, cloud computing, and distributed applications.

Reference: <http://h20195.www2.hp.com/V2/GetPDF.aspx%2F4AA4-8174ENW.pdf>

#### 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

**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

**Answer: B**

#### 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.

**Answer: D**

#### 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.

**Answer: D**

#### Explanation:

We want to enable BPDU protection on any "edge ports", or ports that are connected to end user devices (PCs, printers, etc.) -- any device that should not be sending out STP BPDU's. Without BPDU protection, a malicious (or ignorant) user could plug a switch into our network and alter the spanning tree topology.

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