

**Exam : HP HP0-791**

**Title : HP ProCurve Convergence**

**Version : Demo**

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1. A converged network \_\_\_\_\_.

- A. can transmit voice, video, and data over a single infrastructure
- B. deploys circuit-switching instead of packet-switching
- C. can serve more users than a conventional IP network
- D. features an edge-oriented architecture

**Answer: A**

2. Ethernet and IP are the fundamental technologies for converged networks because they \_\_\_\_\_.

Select TWO.

- A. offer mature standards
- B. tolerate high packet loss
- C. are widely deployed
- D. offer high levels of security
- E. aren't disrupted by power outages

**Answer: AC**

3. How does the ProCurve Adaptive EDGE Architecture support convergence?

- A. by enhancing edge compression of video streams
- B. by ensuring that traffic is prioritized at the edge of the network
- C. by translating analog signals to digital signals at the edge of the network
- D. by supporting a variety of Layer 3 protocols at the edge and in the core of the network

**Answer: B**

4. In a converged network, what does video traffic require in comparison to voice traffic?

- A. less delay
- B. higher priority
- C. more bandwidth
- D. more expensive cabling

**Answer: C**

5. What is the measurable degree to which an IT staff can successfully guarantee the predictable behavior of network services?

- A. Type of Service (ToS)
- B. Class of Service (CoS)
- C. Quality of Service (QoS)
- D. Guarantee of Service (GoS)

**Answer: C**

6. In comparison to streaming video traffic, voice traffic is typically more \_\_\_\_\_.

- A. difficult to route
- B. insensitive to jitter
- C. sensitive to delay
- D. bandwidth-intensive

**Answer: C**

7. What is IP Type of Service (ToS) an example of?

- A. hard QoS
- B. soft QoS
- C. continual QoS
- D. virtual QoS

**Answer: B**

8. A user of a new VoIP infrastructure reports that she unintentionally speaks at the same time as the person on the other end of the line. This condition could be caused by excessive \_\_\_\_\_.

- A. jitter
- B. delay
- C. echo
- D. packet collisions

**Answer: B**

9. Why does network congestion often cause more network congestion?

- A. QoS settings require switches to retransmit all real-time traffic.
- B. TCP applications request retransmission of dropped packets.
- C. 802.1p priorities are ignored after congestion reaches a user-defined threshold.
- D. RSVP routers allocate more bandwidth to UDP applications.

**Answer: B**

10. You are planning a network upgrade at a small company. During a meeting, you learn that the customer will install VoIP telephones that set Layer 2 and Layer 3 priority markers for all voice traffic. The VoIP traffic will not cross any WAN links. To support these phones, the customer's new ProCurve 5300xl series switches will require \_\_\_\_\_.

- A. rate limiting on all ports that support VoIP phones
- B. GMB settings for voice traffic
- C. an IEEE 802.1p-to-DSCP map for voice traffic
- D. no QoS configuration changes

**Answer: D**

11. Under what condition does the IEEE 802.1p field provide end-to-end prioritization?

- A. source and destination hosts are in the same VLAN
- B. the network is experiencing high levels of congestion
- C. all switches can classify traffic based on DSCP
- D. all links in the path between source and destination are tagged

**Answer: D**

12. At default settings, all managed ProCurve switches can \_\_\_\_\_.

- A. classify traffic according to TCP port number
- B. translate Layer 2 priority markers to Layer 3 priority markers
- C. classify traffic based on priority markers set by other devices
- D. map DSCP values to physical queues

**Answer: C**

13. At a customer site, you must determine if the default settings for ProCurve 5300xl series switches will provide adequate QoS for a multimedia training application. To make this determination, you must learn if the application \_\_\_\_\_.

- A. uses TCP or UDP as a transport protocol
- B. inserts Layer 2 or Layer 3 priority markers
- C. supports Guaranteed Minimum Bandwidth
- D. distributes content through IP multicast

**Answer: B**

14. How many priority levels are specified by the IEEE 802.1p standard?

- A. 4
- B. 8
- C. 16
- D. 32

**Answer: B**

15. You are designing a QoS solution for a customer site. While reviewing the client's current infrastructure, you notice that a ProCurve 5308xl series switch provides 100Base-TX connections for 145 general office users. The switch has a gigabit uplink to the network core. If all end-users are simultaneously communicating with the network core, when is the uplink congested?

- A. whenever end users require more than 0.7 percent of available bandwidth
- B. whenever end users require more than 7 percent of available bandwidth
- C. under no circumstances
- D. during IP multicast transmissions

**Answer: B**

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