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**Exam** : **HP0-207**

**Title** : Procurve Adaptive EDGE  
Fundamentals

**Version** : DEMO

**1.A customer is planning a Power over Ethernet deployment for a large call center that will use VoIP telephones. While planning the wiring closets for the deployment, the customer suggests using the uplink ports of a ProCurve Switch 2650-PWR to provide power to a ProCurve Switch 2600-8-PWR. Which statement describes a correct response to this suggestion?**

- A.It is only possible if the second switch is a ProCurve Switch 2626-PWR.
- B.It is not possible because the 2600-8-PWR cannot act as a Powered Device.
- C.It is only possible if the customer adds a ProCurve 600 EPS/RPS to the first switch.
- D.It is not recommended because the second switch will not have adequate power redundancy.

**Correct:B**

**2.You have been asked to configure IGMP on a ProCurve Switch 6200yl at a customer site. What are the steps for enabling IGMP on the switch?**

- A.Enter the manager level, then issue the ip igmp command.
- B.Enter the global configuration context, then issue the ip igmp command.
- C.Enter the VLAN context for each VLAN that will support IGMP, then issue the ip igmp command.
- D.Enter the interface configuration context for each port configured with a VLAN, then issue the ip igmp command.

**Correct:C**

**3.How is traffic prioritization accomplished with IEEE 802.1p?**

- A.802.1Q-compliant devices enforce priorities based on VLAN ID.
- B.802.1Q-compliant devices set one of 8 values in a 3-bit field in the VLAN tag.
- C.802.1Q-compliant devices set one of 64 values in a 6-bit field in the IP datagram header.
- D.802.1Q-compliant devices dedicate a portion of available bandwidth to each prioritized conversation.

**Correct:B**

**4.You are about to update the software on a ProCurve switch. Which command do you use to view a list of all software versions stored on the switch?**

- A.show run
- B.show flash
- C.show startup
- D.show version

**Correct:B**

**5.What are the key principles of the Adaptive EDGE architecture? Select TWO.**

- A.Control to the Edge
- B.Control to the Desktop
- C.Command from the Center
- D.Management from Anywhere
- E.Security throughout the Network

**Correct:A C**

**6.You must remotely manage a customer's switch using Telnet. Which configuration/monitoring interfaces are available? Select TWO.**

- A.web interface
- B.menu interface
- C.ProCurve Manager
- D.boot monitor interface
- E.command line interface

**Correct: B E**

**7. While using the CLI to configure a ProCurve switch, you must change context from the manager level to the global configuration level. Which command do you use?**

- A. exit
- B. write
- C. global
- D. enable
- E. configure

**Correct: E**

**8. On switches that support the Switch Setup screen interface, which parameters can be configured on the Switch Setup screen? Select TWO.**

- A. STP bridge priority
- B. IP address of the TACACS+ server
- C. system name and contact information
- D. IP address and subnet mask for each VLAN
- E. IP address and subnet mask for the default VLAN

**Correct: C E**

**9. What are the primary solution categories of the Adaptive EDGE Architecture? Select THREE.**

- A. mobility
- B. security
- C. reliability
- D. availability
- E. upgradeability
- F. convergence
- G. cost-effectiveness

**Correct: A B F**

**10. You are configuring a ProCurve Layer 2 switch to obtain time information from an SNTP server located on a different IP network than the switch. Which configuration steps are necessary on the switch to enable this functionality?**

- A. The switch cannot be configured to obtain time information from a server on a different IP network.
- B. Define a default gateway for the switch, enable SNTP, use the sntp server command to enter the IP address of the server.
- C. Assign a port on the switch to a VLAN that includes the SNTP server, enable SNTP, configure the switch for SNTP unicast mode.
- D. Configure an IP address on the same IP network as the SNTP server, enable TimeP, configure the switch for SNTP broadcast mode.

**Correct: B**

**11. You are assigned to configure ProCurve switches at a customer site for in-band management. Which are in-band management methods? Select TWO.**

- A. Telnet
- B. SNMP
- C. XMODEM
- D. serial console
- E. menu interface

**Correct:A B**

**12.You must update the software on a customer's ProCurve Switch 5412zl. Which statement correctly describes the process for this operation? Select TWO.**

- A.Use TFTP for direct serial transfer of the software.
- B.Use FTP for in-band transfer of the software through an IP network.
- C.Use TFTP for in-band transfer of the software through an IP network.
- D.Transfer the software from your workstation using a direct serial transfer.
- E.Instruct the switch to search for any available TFTP server without knowing its IP address.

**Correct:C D**

**13.While using the CLI to configure a ProCurve switch, you must move from the global configuration level to the port context configuration level for port a1. Which command do you use?**

- A.port a1
- B.ethernet a1
- C.interface a1
- D.configure a1

**Correct:C**

**14.You are installing a ProCurve switch at a customer site and must enable remote management for network administrators. Which configuration parameter is necessary to ensure that administrators can manage the switch even if they are on different IP networks?**

- A.default VLAN
- B.default gateway
- C.default password
- D.default management profile

**Correct:B**

**15.You are implementing a fully connected HP Switch Mesh at a customer site. Which statement describes a valid design guideline for HP Switch Meshing?**

- A.A switch may be connected to no more than four mesh domains.
- B.Up to five Switch 5400zl Series switches can be included in a full mesh.
- C.All links in a full mesh must operate at the same speed and use the same media type.
- D.When a switch is configured for HP Switch Meshing protocol, all of the ports on that switch must participate in the mesh.

**Correct:B**

**16.You are about to configure HP Switch Meshing on four ProCurve switches at a customer site. All of the ports that will be included in the mesh are configured for membership in customer VLANs. How will the mesh configuration affect the VLAN configuration?**

- A.The mesh ports will automatically become a tagged member of all configured VLANs.
- B.The mesh ports will not be a member of any VLANs until you manually configure its VLAN assignments.
- C.The mesh ports will not be 802.1Q-compliant and will only be able to retain membership in a single untagged VLAN.
- D.The mesh ports will automatically become a member of the default VLAN and must be configured for other VLAN membership.

**Correct:A**

**17.While examining the spanning tree configuration on a ProCurve switch, you notice that one of the ports is in the Blocking state. Which statement describes how this port will function in this**

state?

- A.The port is completely blocked for all purposes.
- B.The switch will not forward user traffic through that port, but will forward telnet traffic.
- C.The switch will not forward user traffic through that port, but will forward BPDUs through that port.
- D.The switch forwards user traffic through that port, but does not receive user traffic through that port.

**Correct:C**

**18.How do ProCurve switches, configured with link aggregation (also known as port trunking), handle broadcast traffic?**

- A.Broadcast traffic is flooded through all of the ports in the trunk.
- B.The switch sends a query and receives permission from potential receivers before flooding.
- C.Broadcast traffic is handled in exactly the same way it would be without port trunking configured.
- D.Broadcast traffic is flooded through non-trunked ports, but forwarded only through one of the ports in the trunk.

**Correct:D**

**19.You configured Rapid Spanning Tree Protocol on four ProCurve Switch 5348xl switches at a customer site. During the configuration, you forgot to configure the switches so that switch-to-switch links are not defined as edge ports. Which statement describes the consequence of your oversight?**

- A.The switches in the spanning tree will elect multiple Root bridges.
- B.The switches will reject the spanning tree configuration and block all ports until the configuration is corrected.
- C.The switches will be unable to elect a Root bridge and will not be able to forward traffic until the configuration is corrected.
- D.The switches will require more time to elect the Root bridge and resolve the topology, but the spanning tree will otherwise function normally.

**Correct:D**

**20.At a customer site, you have configured four ProCurve switches for HP Switch Meshing and Multiple Spanning Tree Protocol. How will the mesh appear to non-mesh switches in the same spanning tree domain?**

- A.as a single device
- B.as a set of devices without redundant links
- C.as devices that cannot participate in the spanning tree
- D.as a set of devices with spanning tree enabled to block redundant links

**Correct:A**