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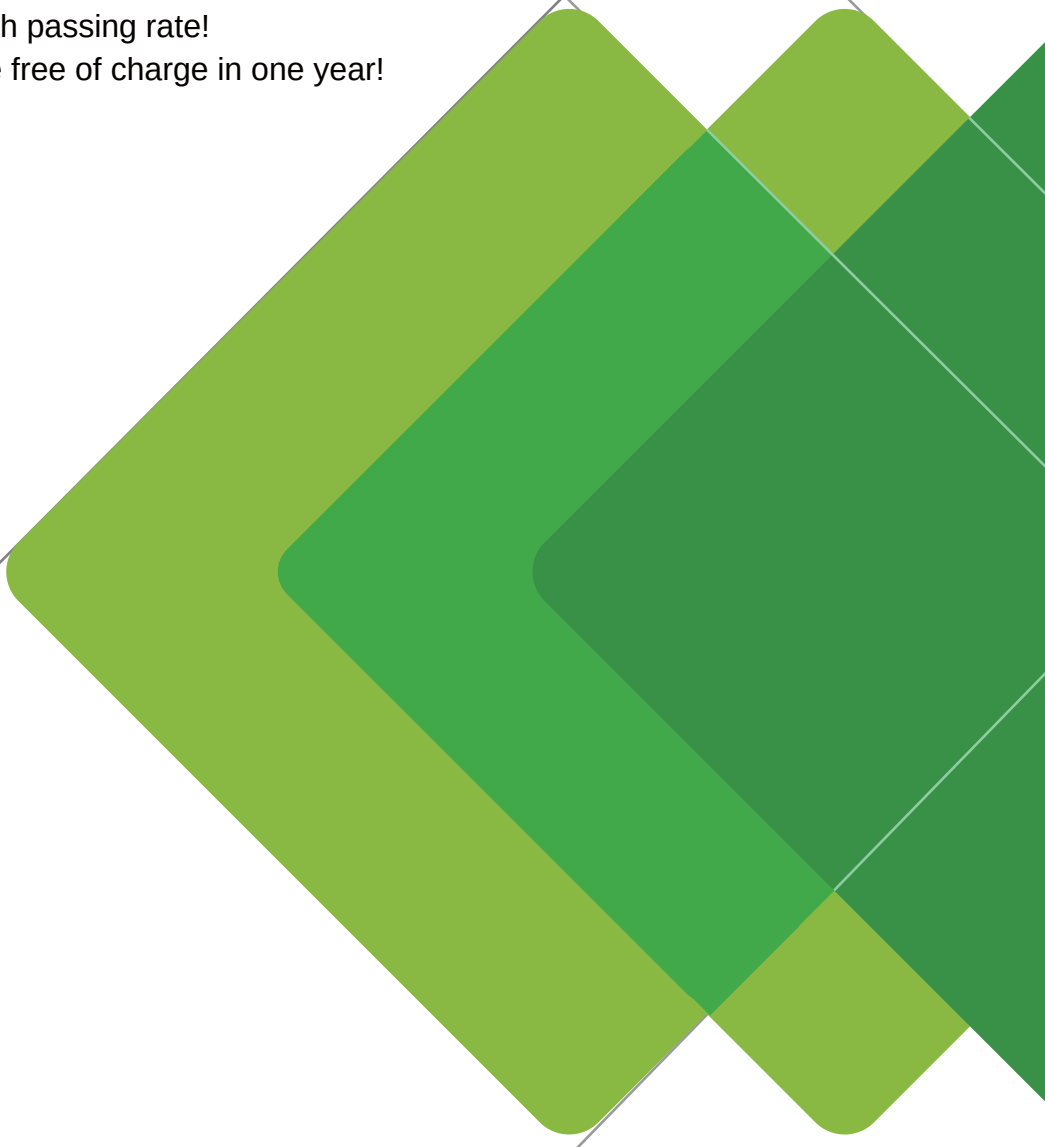

Exam : **HP0-Y20**

Title : ProCurve Adaptive EDGE Fundamentals

Version : Demo

1. The IT manager of a medium-sized retail store is configuring a wireless network. As a first step in securing the wireless network, the manager decides to enable the Closed system parameter on each of the ProCurve Access Point 530 devices. What is the main difference between Open and Closed wireless networks?

A. In an Open system, the SSID is advertised to clients; in a Closed system the SSID it is not advertised.

B. A Closed system requires the client's wireless MAC address be configured on the access point; an Open system does not require MAC authentication.

C. A Closed system requires the client to have a pre-shared key; an Open system does not require a pre-shared key.

D. An Open system requires the use of 802.1X and RADIUS authentication; a Closed system does not require the use of 802.1X and RADIUS authentication.

Answer: A

2. A ProCurve Manager Plus (PCM+) server located at an insurance company has been reported as not discovering any manageable devices except those on the subnet where the PCM+ Management Server resides. Which statement is true about this behavior?

A. This behavior is normal because PCM+ discovery messages do not cross router interfaces.

B. This behavior is normal because PCM+ discovery uses Link Layer Discovery Protocol, which only survives one switch-to-switch hop.

C. This behavior indicates that PCM+ has been configured with an incorrect default gateway.

D. This behavior is normal because by default, automatic discovery only occurs on the subnet that the PCM+ management server belongs to.

Answer: D

3. When considering the following options to manage a new installation of ProCurve network devices, which options will support ProCurve Manager as a central management platform? (Select two.)

A. IBM p-series Server running IBM AIX 5L

B. HP Integrity Server running HP-UX 11i v3

C. HP Business Desktop running Microsoft Windows XP Professional

D. HP ProLiant server running SuSE Linux Enterprise Server

E. HP ProLiant server running Microsoft Windows Server 2003 Enterprise Edition

Answer: CE

4. While presenting an overview of ProCurve Manager at a customer site, you differentiate between the features of ProCurve Manager Plus (PCM+) and ProCurve Manager. Which features are only included in PCM+? (Select two.)

A. VLAN management

B. alerts

C. automatic discovery

D. scheduled software updates

E. network topology mapping

Answer: AD

5. Which ProCurve Manager wizard simplifies the task of changing the SNTP server IP address parameter on 50 ProCurve 5406zl switches?

A. Time-Sync Wizard

B. CLI Wizard

C. IP Address Wizard

D. Configuration Wizard

E. Switch Update Wizard

Answer: B

6. What is the free trial period for ProCurve Manager Plus?

A. 15 days

B. 30 days

C. 2 months

D. 6 months

Answer: B

7. You must test and qualify new ProCurve switch software in a production network limited to a single

switch. Which two tasks combined enable you to test and qualify the new software without losing the existing qualified production software? (Select two.)

A. Boot the switch to the secondary flash.

B. Upload the new software to a VLAN flash.

C. Boot the switch to the new software.

D. Dump the qualified software to a file and upload the new software.

E. Reset the VLAN to boot to the new software in the VLAN flash.

F. Upload the new software to secondary flash.

Answer: AF

8. Which configuration and monitoring interfaces are available when you access a ProCurve switch through Telnet? (Select two.)

A. menu interface

B. web interface

C. command line interface

D. boot monitor interface

E. ProCurve Manager interface

Answer: AC

9. Which command must be entered at the CLI of a ProCurve switch to ensure recent configuration changes will not be lost when the switch is restarted?

A. write memory

B. save config

C. save flash -overwrite

D. commit change

E. write flash -overwrite

Answer: A

10. Which configuration steps are required to enable a ProCurve Layer 2 switch to synchronize its clock

with a SNTP server located on a different IP subnet? (Select three.)

A. Enable SNTP.

B. Enable TimeP.

C. Define a default IP gateway.

D. Configure for SNTP broadcast mode.

E. Enter the IP address of the SNTP server.

Answer: ACE

11. In a ProCurve Switch 5300xl, you change the following using the CLI:

HP ProCurve Switch 5304XL# configure

HP ProCurve Switch 5304XL# password manager

New password for Manager: *********

Please retype new password for Manager: ********

HP ProCurve Switch 5304XL# password operator

New password for Operator: *********

Please retype new password for Operator: *********

The new password for Manager is HPinvent# and the new password for Operator is hpINVENT!

Which login name and password are needed for the web interface if the administrator requires read/write access? (Select two.)

A. Manager

B. hpINVENT!

C. HPinvent#

D. Operator

Answer: AC

12. What information, normally associated with the wireless network name, is required by the wireless clients in order to establish connections to the access point?

A. pre-shared key

B. Independent Basic Service Set

C. Service Set Identifier

D. shared secret

Answer: C

13. A ProCurve University IT manager is on-site with a task to configure six new ProCurve switches for in-band management access. Which connectivity method will facilitate this? (Select two.)

A. Telnet

B. SNMP

C. menu interface

D. serial console

E. XMODEM

Answer: AB

14. A customer inquires about configuring the IP address on a new ProCurve 3500yl switch. What can you do to configure this information on the switch? (Select two.)

A. Connect to the switch using the Telnet interface, enter the global configuration level, and assign a box-wide IP address.

B. Leave the switch at its factory default settings and allow it to acquire an IP address, mask, and default gateway from a DHCP server.

C. Connect to the switch using the serial console interface, enter the global configuration level, and assign a box-wide IP address and mask.

D. Connect to the switch using the serial console interface, enter the global configuration level, enable DHCP, and assign an address scope.

E. Connect to the switch using the serial console interface, enter the global configuration level, and assign an IP address and mask within the context of the VLAN used for management access .

Answer: BE

15. When an IT manager of ProCurve University is configuring a ProCurve switch using the CLI, what is indicated by the command prompt Switch_1A#?

A. The switch is located on floor 1, building A.

B. Host name for the switch has not been defined.

C. Current context is the global configuration level.

D. Current context is the manager level.

Answer: D

16. A customer that is installing several ProCurve 3500yl switches asks about the Link Layer Discovery Protocol (LLDP) support capabilities on these switches. Which statement is true about LLDP operation?

A. It is globally disabled by default to avoid any performance impact.

B. LLDP is a reciprocal protocol that provides acknowledgement for each packet transmitted.

C. The ports placed in Blocked state by Spanning Tree Protocol prevent LLDP messages from being transmitted.

D. The LLDP neighbors table contains the system name and MAC address of neighbors.

Answer: D

17. An IT administrator enters the show flash command on a ProCurve switch. What will this command display?

A. the configurations on the switch

B. the current version of software running

C. the configuration available in memory

D. a list of all software versions stored on the switch

Answer: D

18. What are the primary solution categories of the Adaptive EDGE Architecture? (Select three.)

A. security

B. availability

C. convergence

D. reliability

E. upgradeability

F. mobility

G. cost-effectiveness

Answer: ACF

19. Which ProCurve CLI command enables you to move from the Manager level to the Global Configuration level?

A. global-su

B. su-enable

C. globalcfg

D. sw-disable

E. configure

Answer: E

20. Which issues found in legacy core-oriented networking solutions can be resolved by migrating to ProCurve Adaptive EDGE Architecture? (Select two.)

A. Legacy core switches lack the capacity for implementing Layer 2 and Layer 3 redundancy technologies.

B. Traffic forwarding must pass through core switch before routing, security, and prioritization tasks can be performed.

C. Emerging protocols and standards such as IPv6 cannot be supported by legacy core switches.

D. As each switch is added at the edge, it increases the decision making load in the core and constrains scalability.

E. Routers in core-oriented networks must perform more complicated packet manipulation than routers in edge-oriented networks.

Answer: BD

21. Which statement is true about mesh switches configured with Multiple Spanning Tree Protocol connected to non-meshed switches in the same spanning tree domain?

A. The mesh switches appear as a set of multiple blade switch units to the non-mesh switches.

B. The mesh switches cannot join a non-mesh topology even if all switches support Spanning Tree Protocol.

C. A mesh topology appears as a normal cascaded topology with ports blocked by the Spanning Tree Protocol services.

D. The mesh switches appear as a single logical switch to non-meshed switches.

Answer: D

22. You are configuring spanning tree on ProCurve switches at a customer site. Why would you configure a particular switch to have a higher bridge priority? (Select two.)

A. to force all of the switch's ports to be blocked

B. to make it less likely that the switch's ports will be blocked

C. to cause the switch to remove BPDUs from the network

D. to make it more likely that the switch will become the root

E. to increase the path cost of all switch links

Answer: BD

23. When designing a wireless network, it is very important to consider the frequency range in which the network operates and the maximum throughput of the network to ensure that it can meet the customer's needs. Which wireless LAN standards specify frequency and maximum throughput of wireless networks? (Select three.)

A. 802.11a

B. 802.11b

C. 802.11d

D. 802.11e

E. 802.11f

F. 802.11g

G. 802.11i

Answer: ABF

24. In a Multiple Spanning Tree Protocol network using six ProCurve Switch 3500yl switches, you notice that multiple switches have declared themselves Root in one of the Multiple Spanning Tree Protocol instances. How can you correct this problem?

A. Modify the port priorities on all switch-to-switch links so that one switch has the highest priority value.

B. Set the Multiple Spanning Tree Protocol parameters to use the switch with the highest hardware MAC

address as the Root switch.

C. Trace VLAN routing topology and modify the VLAN assignments on the switches so that they match.

D. Change the bridge discovery priorities on the switches to distinct values.

E. Check and modify the switches so that they have the same configuration name and revision number.

Answer: E

25. What is the maximum number of port trunk groups a customer can define on a ProCurve Switch 5412zl being used to aggregate traffic at the distribution level?

A. 8

B. 12

C. 24

D. 36

Answer: D

26. After connecting five ProCurve Switch 5300xl switches, you find that Spanning Tree Protocol is enabled by default and that some switch ports are in the Blocking state. Which statement best describes the default Spanning Tree operation of ProCurve 5300xl switches? (Select two.)

A. All the switches use the standard version of Spanning Tree Protocol.

B. All ports are set to Fast Uplink mode, and because of the enhanced mode, their port status is shown as "Blocking."

C. All the switches use Multiple Spanning Tree Protocol.

D. All the switches use Rapid Spanning Tree Protocol

E. If any of the five switches' firmware supports Multiple Spanning Tree, all other switches automatically switch to the Multiple Spanning Tree mode.

F. The switches will interoperate with neighboring switches that use Spanning Tree Protocol or Rapid Spanning Tree Protocol.

Answer: CF

27. The IT manager of a large call center has configured four ProCurve Switch 5412zl's for HP Switch Meshing. How does a switch that is part of the mesh handle broadcast and multicast traffic that originates

from a port outside the mesh?

A. It will replace broadcast and multicast addresses with the unicast MAC addresses of its neighbors in the mesh.

B. It will forward both broadcast and multicast traffic over ports that form the loop-free topology established by the meshing protocol.

C. It will flood broadcast and multicast traffic through meshed and non-meshed ports.

D. It will send a query to its directly connected neighbors to find out whether any of the neighbors' connected hosts can respond to broadcasts and multicasts.

Answer: B

28. All of the ports that will be included in a newly developed mesh of four ProCurve 3500yl Series switches are configured for membership in customer VLANs. How will the mesh configuration affect the VLAN configuration?

A. The mesh ports will only be able to retain membership in a single untagged VLAN.

B. The mesh ports will automatically become a tagged member of all configured VLANs.

C. The mesh ports will automatically become a member of the default VLAN and must be configured for other VLAN membership.

D. The mesh ports will not be a member of any VLANs until the VLAN assignments are manually configured.

Answer: B

29. What is the effect when switch ports are placed in Blocking state by Spanning Tree Protocol?

A. The switch will not forward normal network user traffic through the ports, but will forward any secured Telnet traffic.

B. The switch will only forward normal network user traffic through the ports, but will not receive any network user traffic through those ports.

C. The switch will not forward normal network user traffic through the ports, but will forward traffic related to Link Aggregation Control Protocol and Bridge Protocol Data Units.

D. The ports are completely blocked and marked Not Used (zero transmission).

Answer: C

30. An existing 1000Base-T link between two ProCurve 5406zl switches at a small university is configured as a member of the faculty VLAN. After the IT manager configured a four-port trunk between the switches, members of the college's faculty reported that they can no longer access servers that were available before the trunk was installed. Which statement describes a likely solution for this problem?

A. A new link must be configured for the VLAN because the maximum number of VLANs that the port trunk can support has been exceeded.

B. The port trunk must be configured for tagged membership in the faculty VLAN because port trunks do not support untagged VLANs.

C. The switch-to-switch link must be added to the port trunk because the switches cannot simultaneously support port trunks and single-port links between switches.

D. The port trunk must be configured for membership in the faculty VLAN because the trunk ports are automatically assigned to the default VLAN as untagged members.

Answer: D