Exam Code: HP0-790
HP ProCurve Routing Switch Essentials v5.21

Demo Version
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1. Which step is necessary to enable administrators to use the web interface to make configuration changes on a ProCurve Routing Switch 9300m?
A. Configure local user accounts.
B. Assign a password to the system-defined super user.
C. Configure SNMP management workstations at the CLI.
D. Define a read/write SNMP community.
Answer: D

2. What is a difference between the configuration of IP addresses on the ProCurve Routing Switch 9300m and the Switch 5300xl?
A. On the 9300m, IP addresses are assigned to port interfaces associated with VLANs. On the 5300xl, IP addresses are assigned directly to VLANs.
B. On the 9300m, IP addresses are assigned to virtual interfaces associated with VLANs. On the 5300xl, IP addresses are assigned directly to VLANs.
C. On the 9300m, IP addresses are always assigned directly to ports, with ports in a VLAN sharing the same address. On the 5300xl, the IP addresses can be configured only for VLANs and not for individual ports.
D. On the 9300m, a VLAN must have an IP address in order to be active. On the 5300xl, VLANs do not require IP addresses.
Answer: B

3. The global context in the running configuration of a ProCurve Routing Switch 9300m includes the spanning-tree single 802-1w command. However, each of the VLAN contexts includes the spanning-tree command. How will the switch implement Spanning Tree?
A. The switch will implement the Spanning Tree version included in BPDUs it receives from neighbors.
B. The switch will implement a single instance of IEEE 802.1w.
C. The switch will not join a Spanning Tree because of the mismatch between configured versions.
D. The switch will implement per-VLAN IEEE 802.1D and ignore the global configuration command.
Answer: B

4. Clients in two separate subnets are associated with VLAN 40 on a ProCurve Routing Switch 9300m. Which technology must be implemented in order for the 9300m to provide default gateway service to all clients?
A. Policy Based Routing
B. variable subnet masks
C. Network Address Translation
D. multinetting
Answer: D

5. On a ProCurve Routing Switch 9300m, the output of the show ip ospf int command shows that the BDR Router ID for interface ve 79 is 0.0.0.0. What does this indicate?
A. Routes through ve 79 are summarized.
B. The 9300m is the BDR for interface ve 79.
C. The 9300m has no neighbors on interface ve 79.
D. No OSPF area has been configured for interface ve 79.
Answer: C

6. What is a difference between the three models in the ProCurve Routing Switch 9300m series?
A. the number of available module slots
B. the size of the frame buffer
C. the number of supported routing protocols
D. the number of supported Layer 3 protocols
Answer: A

7. A customer network includes Novell NetWare legacy IPX clients. Which ProCurve switch can route packets on behalf of these clients?
A.   3400cl
B.   4100gl
C.   5300xl
D.   9300m
Answer: D

8. Which routing protocols are supported by the ProCurve 9300m Routing Switch series?
A. MPLS, OSPF, RIP

B. BGP, OSPF, RIP C.

BGP, IS/IS, OSPF

D. IGRP/EIGRP, OSPF, RIP

Answer: B

9. Which statement is true regarding the management module of the ProCurve Routing Switch 9300m?

A. All transiting traffic is forwarded to the CPU on the management module for lookup using its routing table.

B. The management module contains the master forwarding engine that handles all transiting traffic.

C. The console port on the management module provides an out-of-band serial connection.

D. The management module can assume forwarding responsibilities on behalf of any failed port module in the switch.

Answer: C

10. How many ports are available on a 10GbE port module for the ProCurve Routing Switch 9300m?

A. 2

B. 4

C. 8

D. 16

Answer: A

11. How does the ProCurve Routing Switch 9300m's distributed switching architecture provide better performance than centralized switching architectures?

A. Congestion is minimized because no packets transit the switch's central backplane.

B. Security is enhanced because all packets are evaluated by the switch's central CPU.

C. Availability is maximized because each module contains a separate copy of all known routing and configuration information.

D. Forwarding efficiency is improved because individual modules and groups of ports perform separate lookup operations.

Answer: D

12. What is the role of the shared memory switch fabric on a 16-port module on the ProCurve Routing Switch 9300m?

A. provide a buffer for all ports on the module

B. provide a buffer for a group of four ports

C. provide a buffer for all configured trunks on the module

D. provide a buffer for communications with the management module

Answer: B

13. You must configure a ProCurve Routing Switch 9300m that has two management modules and is set to factory defaults. You will use a direct serial connection to perform the initial configuration. To which management module should you connect?

A. The module with the Active LED lit.

B. The module in the highest numbered slot.

C. Either management module can be used.

D. The module with the lowest MAC address.

Answer: A

14. When is the boot code synchronized on redundant management modules of a ProCurve Routing Switch 9300m?

A. when an administrator issues the sync-standby boot command

B. when the 9300m is rebooted using the sync-reload boot command

C. when the second management module is inserted

D. when an administrator issues the reset command

Answer: A

15. You must issue the dual-mode command for port 1 in slot 4 on a ProCurve Routing Switch 9304m provisioned with two eight-port management modules and two 16-port 100/1000 modules. Which command will place you in the correct context?

A. 9304m(config)#int e 4/1

B. 9304m(config)#int e d1

C. 9304m(config)#int e 33

D. 9304m(config)#int e 1/4

Answer: A

16. Which level in the CLI hierarchy of the ProCurve Switch 5300xl is similar to the "User EXEC" level on the Routing Switch 9300m?

A. Manager
B. Privileged
C. Configuration
D. Operator
Answer: D

17. You must copy the configurations of a ProCurve Switch 5300xl and a Routing Switch 9300m to a TFTP server. What is the difference between the processes for performing this task on the two switch models?
A. The 5300xl allows you to enter the copy command from a configuration context. The 9300m requires you to enter the Privileged EXEC level.
B. The 5300xl uses the copy command for this task. The 9300m uses a specialized backup command.
C. The 5300xl requires you to exit all configuration contexts before entering the copy command. The 9300m allows you to enter the command in any context.
D. The 5300xl requires you to enter the Manager context before issuing the copy command. The 9300m requires you to enter the global configuration context.
Answer: A

18. An administrator enters show ip interface ve 77 at the CLI of a ProCurve Routing Switch 9300m. The output of the command shows that the port state is "DOWN." What does this indicate?
A. IP routing has not been enabled for ve 77.
B. The VLAN associated with ve 77 has no active ports.
C. No VLAN is associated with ve 77.
D. No IP address has been configured for ve 77.
Answer: B

19. Which configuration context must you enter before configuring an IP address associated with a VLAN on the ProCurve Routing Switch 9300m?
A. VLAN configuration context
B. global configuration context
C. router configuration context
D. interface configuration context
Answer: D

20. Which statements are true regarding Telnet access to the ProCurve Routing Switch 9300m? Select TWO.
A. Telnet can be disabled at any time.
B. Telnet is enabled by default and cannot be disabled.
C. Telnet cannot use local user accounts for authentication.
D. Telnet is available as soon as IP is enabled on the first interface.
E. Telnet must be manually enabled after configuration of the first IP interface.
Answer: AD

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