Interconnecting Cisco Networking Devices Part 2 (ICND2 v3.0)

1. VLAN 3 is not yet configured on your switch. What happens if you set the switchport access vlan

A. The command is rejected.

B. The command is accepted and you must configure the VLAN manually.

C. The command is accepted and the respective VLAN is added to vlan.dat.

D. The port turns amber.

Answer(s): C

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2. Which version of SNMP first allowed user-based access?

A. SNMPv1

B. SNMPv3 with RBAC

C. SNMPv3

D. SNMPv2

Answer(s): C

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3. Which two statements describe characteristics of IPv6 unicast addressing? (Choose two.)

A. Link-local addresses start with FE00:/12.

B. Global addresses start with 2000::/3.

C. If a global address is assigned to an interface, then that is the only allowable address for the interface.

D. Link-local addresses start with FF00::/10.

E. There is only one loopback address and it is ::1.

Answer(s): B,E

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4. Which command reveals the last method used to powercycle a router?

A. show boot

B. show version

C. show reload

D. show running-config

Answer(s): B

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5. Refer to the exhibit. Which two statements are true about interVLAN routing in the topology that is shown in the exhibit? (Choose two.)

A. Host E and host F use the same IP gateway address.

B. Router1 and Switch2 should be connected via a crossover cable.

C. Router1 will not play a role in communications between host A and host D.

D. The FastEthernet 0/0 interface on Router1 must be configured with subinterfaces.

E. Router1 needs more LAN interfaces to accommodate the VLANs that are shown in the exhibit.

F. The FastEthernet 0/0 interface on Router1 and the FastEthernet 0/1 interface on Switch2 trunk ports must be configured using the same encapsulation type.

Answer(s): D,F

6. Which purpose of the network command in OSPF configuration mode is true?

A. It defines which networks are used for virtual links.

B. It defines a wildcard mask to identify the size of the network.

C. It defines the network by its classful entry.

D. It defines the area ID.

Answer(s): B

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7. Which of the port is not part of STP protocol?

A. Forwarding

B. Listening

C. Learning

D. Discarding

Answer(s): D

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8. In which two ways can you isolate the location of a connectivity issue between two devices on your network? (Choose two.)

A. Send an extended ping from the destination to the source.

B. Execute a traceroute from the destination and work toward the source to locate the problematic hop.

C. Execute a traceroute from the source to the destination to locate the problematic hop.

D. Test whether the next hop from the source can reach the destination and work toward the destination.

E. Send an extended ping from the source to the destination.

9. Which two commands correctly verify whether port security has been configured on port FastEthernet 0/12 on a switch? (Choose two.)

A. SW1#show running-config

B. SW1#show switchport port-secure interface FastEthernet 0/12

C. SW1#show switchport port-security interface FastEthernet 0/12

D. SW1#show port-secure interface FastEthernet 0/12

E. SW1#show port-security interface FastEthernet 0/12

Answer(s): A,E

10. Which statement describes how the EIGRP feasible distance is calculated?

A. It is a path with a reported distance less than the current best path

B. It is the sum of all K values in EIGRP process

C. It is the total metric advertised by the upstream neighbor

D. It is the best metric along a path that includes the metric to the neighbor advertising the path

Answer(s): D

11. Which two statements about EIGRP on IPv6 networks are true? (Choose two)

A. it is a vendor agnostic.

B. it supports a shutdown feature

C. it is configured on the interface

D. it is configured using a network statement

E. it is globally configured

Answer(s): B,C

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12. Which three elements must be used when you configure a router interface for VLAN trunking?

A. subinterface numbering that matches VLAN tags

B. a management domain for each subinterface

C. one IP network or subnetwork for each subinterface

D. one subinterface per VLAN

E. subinterface encapsulation identifiers that match VLAN tags

F. one physical interface for each subinterface

Answer(s): C,D,E

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13. Which command allows you to verify the encapsulation type (CISCO or IETF) for a Frame Relay link?

A. show frame-relay lmi

B. show frame-relay map

C. show frame-relay pvc

D. show interfaces serial

Answer(s): B

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14. Which command can you enter to assign an interface to the default VLAN?

A. Switch(config)# int vlan 1

B. Switch(config-if)# switchport trunk native vlan 1

C. Switch(config-if)# switchport access vlan 1

D. Switch(config-if)# vlan 1

Answer(s): C

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15. Which two steps must occur before two routers can become BGP peers? (Choose two.)

A. The routers must receive more than one BGP routing update from one another

B. The routers must establish a TCP connection to one another

C. The routers must exchange BGP version information

D. The routers must receive multicast hello packets from one another

E. Each router must reset its BGP timers to their default settings

Answer(s): B,C

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16. A department decides to replace its hub with a Catalyst 2950 switch that is no longer needed by another department. To prepare the switch for installation, the network administrator has erased the startup configuration and reloaded the switch. However, PCs that are connected to the switch experience various connectivity problems. What is a possible cause of the problem?

A. The "mode" button was not pressed when the switch was reloaded.

B. The management VLAN is disabled.

C. The switch was not configured with an IP address or a default gateway.

D. The running configuration should have been erased.

E. The VLAN database was not erased.

Answer(s): E

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17. Which process is associated with spanning-tree convergence?

A. determining the path cost

B. electing designated ports

C. learning the sender bridge ID

D. assigning the port ID

Answer(s): B

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18. Which statement about GRE tunnels is true?

A. They pass clear-text traffic.

B. They are stateful.

C. They are unable to carry multicast traffic.

D. They use MD5 for encryption.

Answer(s): A

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19. Which three features are QoS congestion-management tools? (Choose three.)

A. PPPoE

B. PQ

C. FIFO

D. PPP

E. PDQ

F. WFQ

Answer(s): B,C,F

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20. A router receives information about network 192.168.10.0/24 from multiple sources.

A. an OSPF update for network 192.168.0.0/16

B. a static route to network 192.168.10.0/24

C. a static route to network 192.168.10.0/24 with a local serial interface configured as the next hop

D. a RIP update for network 192.168.10.0/24

E. a directly connected interface with an address of 192.168.10.254/24

F. a default route with a next hop address of 192.168.10.1

Answer(s): E