

Juniper Networks Certified Specialist (JNCIS-NS)

1. Leaf and spine data centers are used to better accommodate which type of traffic?

A. north-east

B. east-west

C. north-west

D. south-east

Answer(s): B

2. When troubleshooting an OSPF neighborship, you notice that the router stopped at the ExStart state. What is the cause of this result?

A. The priority is set to 255.

B. There is an interval timing mismatch.

C. There is an area ID mismatch.

D. There is an MTU mismatch.

Answer(s): D

3. Which statement is correct about aggregate routes?

A. The default next hop is discard.

B. The default next hop is readvertise.

C. The default next hop is resolve.

D. The default next hop is reject.

Answer(s): D

4. Which Junos OS routing table stores IPv6 addresses?

A. inet.0

B. inet0.6

C. inet.6

D. inet6.0

Answer(s): D

5. What is the primary purpose of an IRB Layer 3 interface?

A. to provide load balancing

B. to provide a default VLAN ID

C. to provide inter-VLAN routing

D. to provide port security

Answer(s): C

6. Which two statements describe an IP fabric? (Choose two.)

A. An IP fabric allows devices to always be one hop away.

B. An IP fabric depends on Layer 2 switching.

C. An IP fabric uses spine and leaf devices.

D. An IP fabric provides traffic load sharing.

Answer(s): C D

7.

Exhibit

```
user@host> show route hidden
inet.0: 25 destinations, 26 routes (24 active, 0 holddown, 1 h
Restart Complete
+ = Active Route, - = Last Active, * = Both
127.0.0.1/32          [Direct/0] 04:26:38
                    > via lo0.0
privatel__.inet.0: 2 destinations, 3 routes (2 active, 0 holdd
red.inet.0: 6 destinations, 8 routes (4 active, 0 holddown, 3
Restart Complete
+ = Active Route, - = Last Active, * = Both
10.5.5.5/32          [BGP/170] 03:44:10, localpref 100, from 10
                    AS path: 100 I
                    Unusable
10.12.1.0/24         [BGP/170] 03:44:10, localpref 100, from 10
                    AS path: 100 I
                    Unusable
10.12.80.4/30        [BGP/170] 03:44:10, localpref 100, from 10
                    AS path: I
                    Unusable
```

Referring to the exhibit, why are the BGP routes hidden?

A. Load balancing is not enabled.

B. There are too many hops to the destination.

C. The BGP next hop is unreachable.

D. Other routes are selected because of better metrics.

Answer(s): C

8. Which statement is correct about the BGP AS path when advertising routes?

A. The order of the AS path is not significant.

B. The local AS number is added to the end of the AS path.

C. The order of the AS path is only significant in IBGP.

D. The local AS number is added to the beginning of the AS path.

Answer(s): D

9. Which statement is correct about a three-stage IP fabric underlay?

A. Every ingress interface into the fabric is only two hops away from the egress interface.

B. Every spine device can communicate directly with other spine devices.

C. Every leaf device can communicate directly with other leaf devices.

D. Every server that connects to a three-stage IP fabric must be multihomed.

Answer(s): A

10. A routing policy has been created to advertise OSPF routes in BGP. Which statement is correct in this scenario?

A. Apply the policy as an export policy within BGP.

B. Apply the policy as an export policy within OSPF.

C. Apply the policy as an import policy within BGP.

D. Apply the policy as an import policy within OSPF.

Answer(s): A

11. Which statement is correct about member interfaces when creating a LAG?

A. The interface's MTU settings must match on all member interfaces.

B. The interface's duplex settings and link speed must be the same on all member interfaces.

C. Member interfaces must all be allocated on the same chassis when using a Virtual Chassis.

D. Member interfaces must all be allocated on the same PFE.

Answer(s): B

12. Which three actions are required to implement filter-based forwarding? (Choose three.)

A. You must create an instance-type forwarding routing instance.

B. You must create an instance-type vrf routing instance.

C. You must create a match filter.

D. You must create a security policy.

E. You must create a RIB group.

Answer(s): A C E

13. Which signaling protocol is used for EVPN?

A. OSPF

B. PIM

C. IS-IS

D. BGP

Answer(s): D

14. Which operation mode command will display the mapping between the VLAN ID and ports on a switch?

A. show route

B. show ethernet-switching table

C. show interfaces terse

D. show vlans

Answer(s): D

15. Within your router, you want to verify that you are learning routes from a remote BGP peer at IP address 10.10.100.1.

Which command would satisfy the requirement?

A. show route receive-protocol bgp 10.10.100.1

B. show route protocol bgp table inet.0 10.10.100.1

C. show route advertise-protocol bgp 10.10.100.1

D. show route protocol bgp source-gateway 10.10.100.1

Answer(s): A

16. When a MAC limiting violation occurs, the switch performs which two actions by default? (Choose two.)

A. No logging takes place.

B. It causes Layer 2 loops.

C. The port is disabled.

D. It drops the packet.

Answer(s): C D

17. What information in the Ethernet header is used to populate the bridging table?

A. destination address

B. source address

C. type

D. protocol

Answer(s): B

18. You are configuring an aggregate route. In this scenario, which two statements are correct? (Choose two.)

A. Reject will silently drop the traffic.

B. Discard will silently drop the traffic.

C. Reject will send an ICMP Destination Unreachable message back to the sender.

D. Discard will send an ICMP Destination Unreachable message back to the sender.

Answer(s): B C

19. What are two requirements for an IP fabric? (Choose two.)

A. a Layer 3 routing protocol

B. a single connection between each spine and leaf

C. a single connection between each leaf

D. a Layer 2 switching protocol

Answer(s): A B

20. What is the main purpose of Bidirectional Forwarding Detection (BFD)?

A. to detect network path failures

B. to determine if the forwarding routes are correct

C. to detect the forwarding protocol

D. to determine packet round-trip latency

Answer(s): A
