

Exam Questions JN0-683

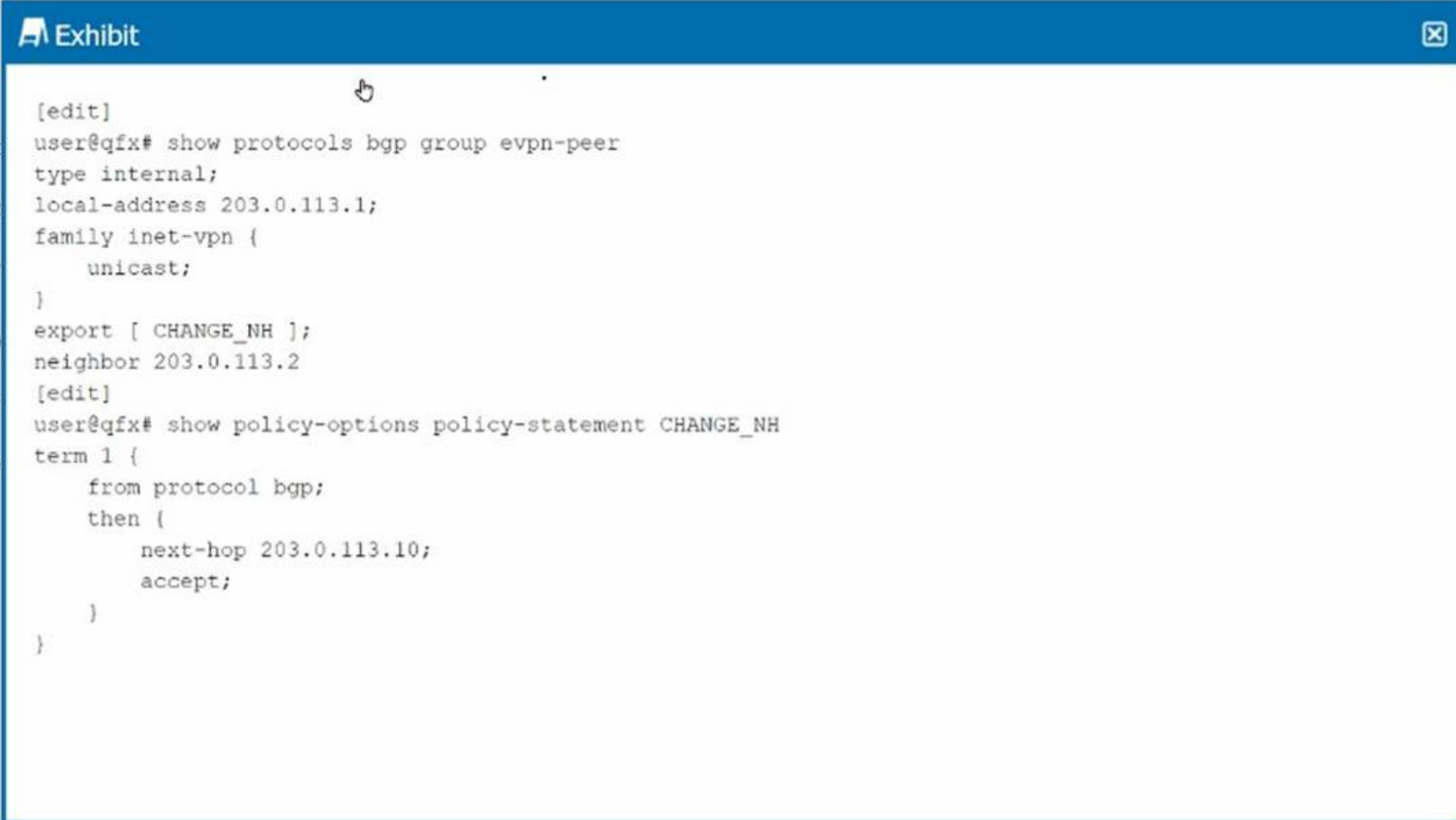
Data Center - Professional (JNCIP-DC)

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NEW QUESTION 1

Exhibit.



```
[edit]
user@qfx# show protocols bgp group evpn-peer
type internal;
local-address 203.0.113.1;
family inet-vpn {
    unicast;
}
export [ CHANGE_NH ];
neighbor 203.0.113.2
[edit]
user@qfx# show policy-options policy-statement CHANGE_NH
term 1 {
    from protocol bgp;
    then {
        next-hop 203.0.113.10;
        accept;
    }
}
```

Given the configuration shown in the exhibit, why has the next hop remained the same for the EVPN routes advertised to the peer 203.0.113.2?

- A. EVPN routes cannot have the next hop changed.
- B. The export policy is incorrectly configured.
- C. The vrf-export parameter must be applied.
- D. The vpn-apply-export parameter must be applied to this peer.

Answer: D

NEW QUESTION 2

In your EVPN-VXAN environment, you want to prevent a multihomed server from receiving multiple copies of BUM traffic in active/active scenarios. Which EVPN route type would satisfy this requirement?

- A. Type 8
- B. Type 7
- C. Type 4
- D. Type 5

Answer: C

NEW QUESTION 3

Exhibit.

```
Exhibit
user@spine1# show protocols bgp group underlay
type external;
export Export-Directs;
local-as 65101;
multipath {
  multiple-as;
}
neighbor 172.16.1.1 {
  peer-as 65201;
}
neighbor 172.16.1.5 {
  peer-as 65203;
}
neighbor 172.16.1.3 {
  peer-as 65202;
}
user@spine1# show policy-options
policy-statement Export-Directs {
  term loopback {
    from {
      protocol direct;
      route-filter 192.168.100.0/24 orlonger;
    }
    then accept;
  }
}
```

Referring to the exhibit, the spine device has an underlay BGP group that is configured to peer with its neighbors' directly connected interfaces. Which two statements are true in this scenario? (Choose two.)

- A. The multihop statement is not required to establish the underlay BGP sessions.
- B. Load balancing for the underlay is not configured correctly.
- C. The multihop statement is required to establish the underlay BGP sessions.
- D. Load balancing for the underlay is configured correctly.

Answer: CD

NEW QUESTION 4

You are deploying a new network to support your AI workloads on devices that support at least 400 Gbps Ethernet. There is no requirement for any Layer 2 VLANs in this network. Which network architecture would satisfy this requirement?

- A. an IP fabric using PIM-SM to signal VXLAN overlay
- B. an IP fabric using the EVPN-MPLS architecture
- C. an IP fabric with an EVPN-VXLAN architecture
- D. an IP fabric using EBGP

Answer: D

NEW QUESTION 5

Which two statements are correct about an IP fabric? (Choose two.)

- A. All leaf devices can use the same AS number in an IP fabric without making any adjustments to the EBGP configuration
- B. The multipath multiple-as statement is required to enable ECMP if every device has a different AS number.
- C. Only a single point to point EBGP session is required between peers in an IP fabric.
- D. FBGP is only required to route most routing information to external devices outside the fabric.

Answer: AB

NEW QUESTION 6

You are asked to automatically provision new Juniper Networks devices in your network with minimal manual intervention. Before you begin, which two statements are correct? (Choose two.)

- A. You must have a DHCP server that provides the location of the software image and configuration files.
- B. You must have a system log (syslog) server to manage system log messages and alerts.
- C. You must have an NTP server to perform time synchronization.
- D. You must have a file server that stores software image and configuration files.

Answer: AD

NEW QUESTION 7

You are asked to implement VXLAN group-based policies (GBPs) in your data center. Which two statements are correct in this scenario? (Choose two.)

- A. VXLAN GBP uses scalable group tags that must be configured statically on each switch and activated through 802.1X.
- B. VXLAN GBP uses scalable group tags that may be configured on a RADIUS server and pushed to the switch through 802.1X.
- C. VXLAN GBP ensures consistent application of security group policies throughout the network.
- D. VXLAN GBP ensures consistent application of BGP groups throughout the network.

Answer: BC

NEW QUESTION 8

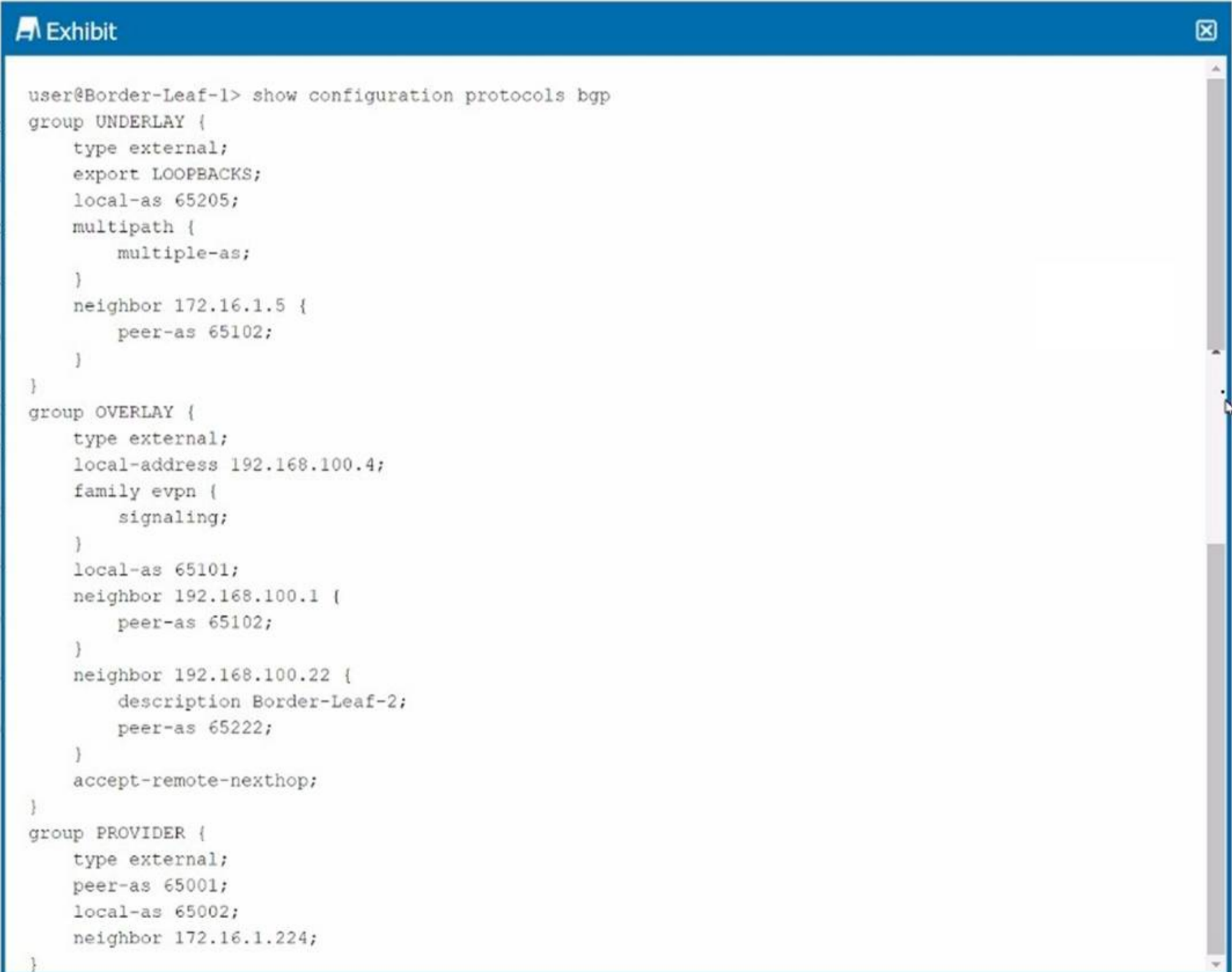
You are deploying an IP fabric with an oversubscription ratio of 3:1. In this scenario, which two statements are correct? (Choose two.)

- A. The oversubscription ratio decreases when you add leaf devices.
- B. The oversubscription ratio remains the same when you remove leaf devices.
- C. The oversubscription ratio increases when you remove leaf devices.
- D. The oversubscription ratio remains the same when you add leaf devices.

Answer: CD

NEW QUESTION 9

Exhibit.



```
user@Border-Leaf-1> show configuration protocols bgp
group UNDERLAY {
  type external;
  export LOOPBACKS;
  local-as 65205;
  multipath {
    multiple-as;
  }
  neighbor 172.16.1.5 {
    peer-as 65102;
  }
}
group OVERLAY {
  type external;
  local-address 192.168.100.4;
  family evpn {
    signaling;
  }
  local-as 65101;
  neighbor 192.168.100.1 {
    peer-as 65102;
  }
  neighbor 192.168.100.22 {
    description Border-Leaf-2;
    peer-as 65222;
  }
  accept-remote-next-hop;
}
group PROVIDER {
  type external;
  peer-as 65001;
  local-as 65002;
  neighbor 172.16.1.224;
}
```

You are troubleshooting a DCI connection to another data center. The BGP session to the provider is established, but the session to Border-Leaf-2 is not established. Referring to the exhibit, which configuration change should be made to solve the problem?

- A. set protocols bgp group overlay export loopbacks
- B. delete protocols bgp group UNDERLAY advertise-external
- C. set protocols bgp group PROVIDER export LOOPBACKS
- D. delete protocols bgp group OVERLAY accept-remote-next-hop

Answer: D

NEW QUESTION 10

You are asked to set up an IP fabric that supports AI or ML workloads. You have chosen to use lossless Ethernet in this scenario, which statement is correct about congestion management?

- A. The switch experiencing the congestion notifies the source device.
- B. Only the source and destination devices need ECN enabled.
- C. ECN marks packets based on WRED settings.
- D. ECN is negotiated only among the switches that make up the IP fabric for each queue.

Answer: C

NEW QUESTION 10

You are deploying a Clos IP fabric with an oversubscription ratio of 3:1. In this scenario, which two statements are correct? (Choose two.)

- A. The oversubscription ratio remains the same when you remove spine devices.
- B. The oversubscription ratio decreases when you add spine devices.
- C. The oversubscription ratio increases when you remove spine devices.
- D. The oversubscription ratio remains the same when you add spine devices.

Answer: BC

NEW QUESTION 14

Exhibit.

```
Exhibit
```

```
user@Leaf-1> show configuration switch-options
service-id 1;
vtep-source-interface lo0.0;
route-distinguisher 192.168.100.51:1;
vrf-target target:65000:1;
user@Leaf-2> show configuration switch-options
vtep-source-interface lo0.0;
route-distinguisher 192.168.100.51:1;
vrf-target target:65000:2;
```

Connections between hosts connected to Leaf-1 and Leaf-2 are not working correctly.

- A. Referring to the exhibit, which two configuration changes are required to solve the problem? (Choose two.)
- B. Configure the set switch-options vtep-source-interface irb.0 parameter on Leaf-1.
- C. Configure the set switch-options vrf-target target:65000:1parameter on Leaf-2.
- D. Configure the set switch-options route-distinguisher i92.168.100.50:1parameter on Leaf- 1.
- E. Configure the set switch-options service-id 1 parameter on Leaf-2.

Answer: CD

NEW QUESTION 16

You are deploying an IP fabric using EBGp and notice that your leaf devices are advertising and receiving all the routes. However, the routes are not installed in the routing table and are marked as hidden.

Which two statements describe how to solve the issue? (Choose two.)

- A. You need to configure as-override.
- B. You need to configure a next-hop self policy.
- C. You need to configure loops 2.
- D. You need to configure multipath multiple-as.

Answer: CD

NEW QUESTION 17

Which two statements are true about IP fabrics using unnumbered BGP? (Choose two.)

- A. Unnumbered BGP requires that family inet6 is configured on each interface.
- B. Unnumbered BGP peering automatically provisions IPv6 peering.
- C. Unnumbered BGP requires that family inet is configured on each interface.
- D. Unnumbered BGP peering automatically provisions IPv4 peering.

Answer: AD

NEW QUESTION 18

Why is a designated forwarder required in a multihomed CE-to-PE VXLAN environment using EVPN signalling?

- A. The designated forwarder is required to prevent packets from looping between the PEs.
- B. The designated forwarder is required to prevent flooding of MAC addresses to multihomed hosts.
- C. The designated forwarder is required to prevent a traffic storm from being received on multihomed hosts.
- D. The designated forwarder is required to prevent duplicate packets from being received on multihomed hosts.

Answer: D

NEW QUESTION 19

You are asked to deploy 100 QFX Series devices using ZTP. Each OFX5120 requires a different configuration. In this scenario, what are two components that you would configure on the DHCP server? (Choose two.)

- A. the IP address of the FTP server
- B. the MAC address for each OFX5120
- C. the MAC address of the FTP server
- D. the management IP address for each OFX5120

Answer: BD

NEW QUESTION 20

Which statement is correct about a collapsed fabric EVPN-VXLAN architecture?

- A. Fully meshed back-to-back links are needed between the spine devices.
- B. It supports multiple vendors in the fabric as long as all the spine devices are Juniper devices deployed with L2 VTEPs.
- C. Using Virtual Chassis at the leaf layer increases resiliency.
- D. Border gateway functions occur on border leaf devices.

Answer: D

NEW QUESTION 21

What are three actions available for MAC move limiting? (Choose three.)

- A. drop
- B. filter
- C. enable
- D. log
- E. shutdown

Answer: ADE

NEW QUESTION 24

You are implementing VXLAN broadcast domains in your data center environment. Which two statements are correct in this scenario? (Choose two.)

- A. A VXLAN packet does not contain a VLAN ID.
- B. The VNI must match the VLAN tag to ensure that the remote VTEP can decapsulate VXLAN packets.
- C. Layer 2 frames are encapsulated by the source VTEP.
- D. The VNI is a 16-bit value and can range from 0 through 16.777.215.

Answer: AC

NEW QUESTION 26

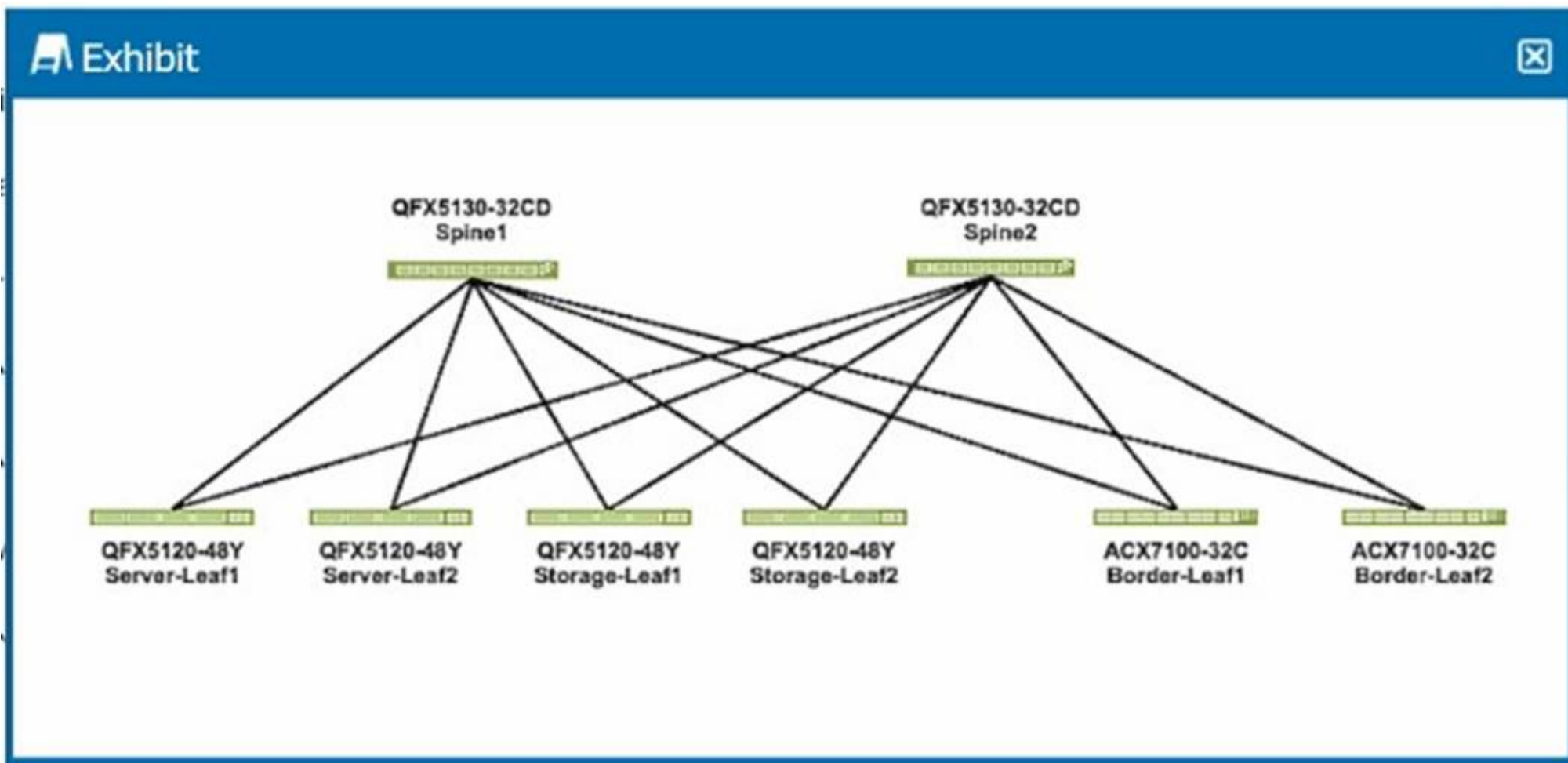
You are asked to interconnect two of your company's data centers across an IP backbone. Both data centers require Layer 2 and Layer 3 connectivity. In this scenario, which three actions would accomplish this task? (Choose three.)

- A. Advertise Type 2 EVPN routes across the DCI.
- B. Ensure border leaf nodes in each data center can exchange EVPN routes.
- C. Ensure there is a full mesh of VTEPs between all spine nodes within both data centers.
- D. Advertise Type 5 EVPN routes across the DCI.
- E. Ensure there is a full mesh of VTEPs between all leaf nodes within data centers.

Answer: ABD

NEW QUESTION 30

Exhibit.



You are deploying a VXLAN overlay with EVPN as the control plane in an ERB architecture. Referring to the exhibit, which three statements are correct about where the VXLAN gateways will be placed? (Choose three.)

- A. Only the spine devices will have L2 VXLAN gateways.
- B. All leaf devices will have L2 VXLAN gateways.
- C. All leaf devices will have L3 VXLAN gateways.
- D. Only the border and leaf devices will have L3 VXLAN gateways.
- E. Spine devices will have no VXLAN gateways.

Answer: BCE

NEW QUESTION 31

You are preparing an sFlow monitoring system configuration. In this scenario, what Information will be included in the datagram sent to the sFlow collector? (Choose two.)

- A. the interlace through which the packets entered the agent
- B. the sending device's serial number
- C. the CRC from the sampled packet
- D. the source and destination VLAN for sampled packets

Answer: AD

NEW QUESTION 32

Exhibit.

```
Exhibit
user@leaf1> show configuration routing-instances
VRF-1 {
  instance-type vrf;
  interface irb.10;
  interface irb.20;
  route-distinguisher 192.168.100.110:1;
  vrf-target target:123:1;
}
user@leaf1> show configuration switch-options
vtep-source-interface lo0.0;
route-distinguisher 192.168.100.11:1;
vrf-target {
  target:65001:1;
  auto;
}
user@leaf1> show configuration vlans
v10 {
  vlan-id 10;
  l3-interface irb.10;
  vxlan {
    vni 5010;
  }
}
v20 {
  vlan-id 20;
  l3-interface irb.20;
  vxlan {
    vni 5020;
  }
}
user@spine1> show configuration routing-instances
user@spine1> show configuration switch-options
user@spine1> show configuration vlans
user@spine1>
```

Referring to the exhibit, which statement is true?

- A. A PBB-EVPN architecture is being used.
- B. An ERB architecture is being used.
- C. An OTT architecture is being used.
- D. A CRB architecture is being used.

Answer: B

NEW QUESTION 33

You want to ensure that VXLAN traffic from the xe-0/0/12 interface is being encapsulated by logical vtep.32770 and sent to a remote leaf device in this scenario, which command would you use to verify that traffic is flowing?

- A. monitor traffic interface xe-0/0/12
- B. show interface terse vtep.32770
- C. show interfaces terse vtep.32770 statistics
- D. show interfaces vtep.32770 detail

Answer: C

NEW QUESTION 37

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