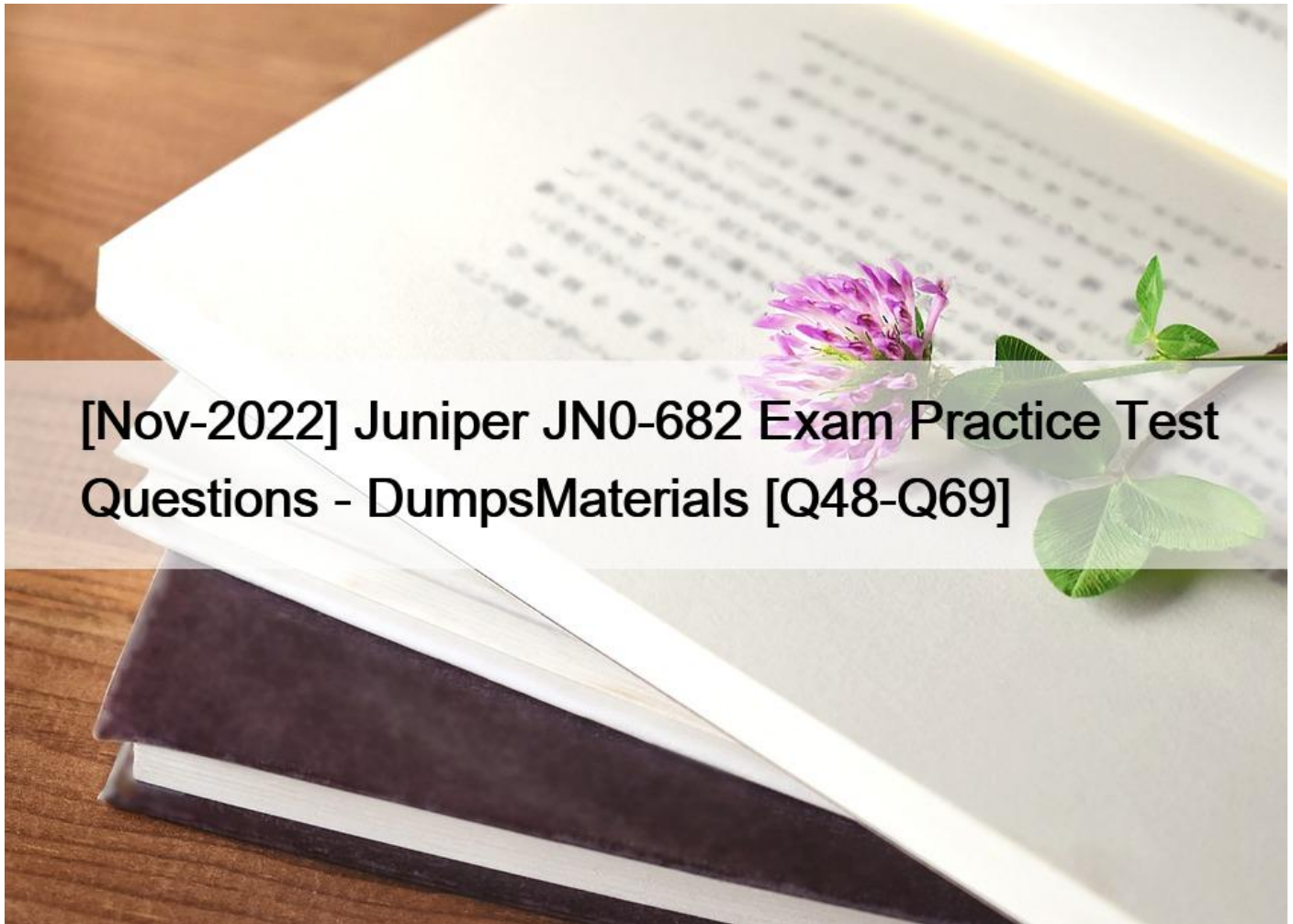


[Nov-2022 Juniper JN0-682 Exam Practice Test Questions - DumpsMaterials [Q48-Q69]



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Updated Certification Exam JN0-682 Dumps - Practice Test Questions

Juniper JN0-682 Exam Syllabus Topics:

TopicDetailsTopic 1- Demonstrate knowledge of configuring, monitoring, or troubleshooting VXLAN- Zero Touch provisioning
Topic 2- Demonstrate knowledge of configuring, monitoring, or troubleshooting EVPNs- VXLAN control planesTopic 3- Data Center Deployment or Management- Data Center InterconnectTopic 4- Describe data center management concepts- Describe single-tenant and multi-tenant architecturesTopic 5- Demonstrate knowledge of configuring, monitoring, or troubleshooting IP Fabrics- Filter-based forwardingTopic 6- IP Fabric architecture- IP Fabric best practices- Multitenancy (routing instances)Topic 7- Demonstrate knowledge of configuring, monitoring, or troubleshooting DCI- Describe VXLAN conceptsTopic 8- EVPN architectures, including Centrally-Routed Bridging (CRB) and Edge-Routed Bridging (ERB)- Describe IP Fabric concepts

Q48. You are an architect for an enterprise organization that currently operates three data centers with plans to expand to five data centers in the next year. You already notice large amounts of BUM flooding and must control this issue before implementing the next two data centers.

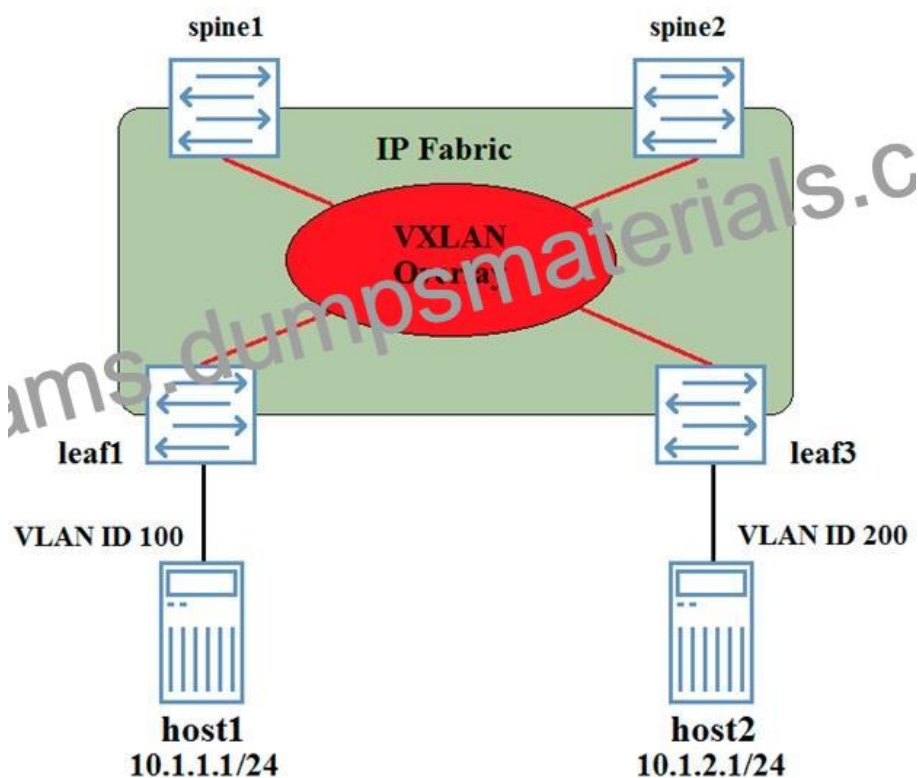
Which feature would address this issue?

- * type-5 routes
- * type-6 routes
- * mesh groups
- * VXLAN BUM traffic filter

Q49. You are required to create an IP fabric for your new data center. In this scenario, which protocol would be used to support EVPN?

- * IS-IS with correct TLVs enabled
- * MP-BGP
- * OSPF
- * any protocol with the appropriate APIs

Q50. You have deployed a VXLAN as shown in the exhibit Leaf1, leaf3, spine1, and spine2 have been configured as VTEPs. Host1 cannot communicate with host2.



Referring to the exhibit, how would you solve this problem?

- * The VLAN ID on the connected to host2 must be changed to VLAN 100
- * A DCI connected must be created between the VLANs
- * Host1 and host2 must be placed in the same VRF
- * A layer 3 VXLAN gateway must be configured on at least on at least one of the devices

Explanation

You need an L3 gateway to route between those two different subnets/VLANs

Q51. Which two statements are true Virtual Chassis? (Choose two.)

- * By default, Junos switches are in non-mixed mode virtual chassis.
- * The request virtual-chassis mode fabric reboot command will set the Virtual Chassis to fabric mode with

similar devices

- * By default, Junos switches are in a mixed mode Virtual Chassis
- * The request virtual-chassis mode fabric reboot command will set the Virtual Chassis to mixed mode.

Q52. You are deploying an EBGp IP fabric. In this scenario, which statement is true?

- * Each spine should peer with every other spine using physical addresses.
- * Each spine should peer with each leaf using loopback addresses.
- * Each spine should peer with every other spine using loopback addresses.
- * Each spine should peer with each leaf using physical addresses.

Q53. You are evaluating which method to use for learning MAC addresses in your VXLAN network.

Which statement is true in this scenario?

- * Multicast exchanges MAC addresses through data plane learning and is more reliable than EVPN.
- * EVPN exchanges MAC addresses through control plane learning and is more reliable than multicast.
- * EVPN exchanges MAC addresses through data plane learning and is more reliable than multicast.
- * Multicast exchanges MAC addresses through control plane learning and is not more reliable than EVPN.

Q54. You want to improve network convergence within a data center during link failures. In this scenario, which EVPN-VXLAN feature will accomplish this task?

- * storm control
- * Ethernet segment auto discovery
- * MAC filtering
- * MAC mass withdrawal

Q55. You are deploying a 3-stage Clos IP fabric in your data center. In this scenario, which statement is correct?

- * Each server-facing interface on a leaf node is always three hops away from other server-facing interfaces.
- * Each spine node must be physically connected to all other spine nodes.
- * There is an eight-spine node limitation.
- * No direct physical connections exist between leaf nodes.

Q56. You are considering deploying a MAC-VRF type routing instance with a VLAN-bundle service type. In this scenario, which two statements are correct? (Choose two.)

- * It can be implemented in a bridge overlay architecture.
- * VLAN normalization is supported.
- * Multiple VLAN IDs per EVI are supported.
- * It can be implemented in an ERB architecture.

Q57. You have configured a new MC-LAG connection to a host. After committing the configuration, the MC-LAG link is not functioning properly.

```
{master:0}[edit interfaces ae1]
user@gfx1# show
aggregated-ether-options {
  lacp {
    active;
    system-id 01:01:01:01:01:01;
    admin-key 1;
  }
  mc-ae {
    mc-ae-id 0;
    chassis-id 0;
    mode active-active;
    status-control active;
  }
}
unit 0 {
  family ethernet-switching {
    vlan {
      members v15;
    }
  }
}

{master:0}[edit interfaces ae1]
user@gfx2# show
aggregated-ether-options {
  lacp {
    active;
    system-id 01:01:01:01:01:01;
    admin-key 1;
  }
  mc-ae {
    mc-ae-id 1;
    chassis-id 1;
    mode active-active;
    status-control standby;
  }
}
unit 0 {
  family ethernet-switching {
    vlan {
      members v15;
    }
  }
}
```

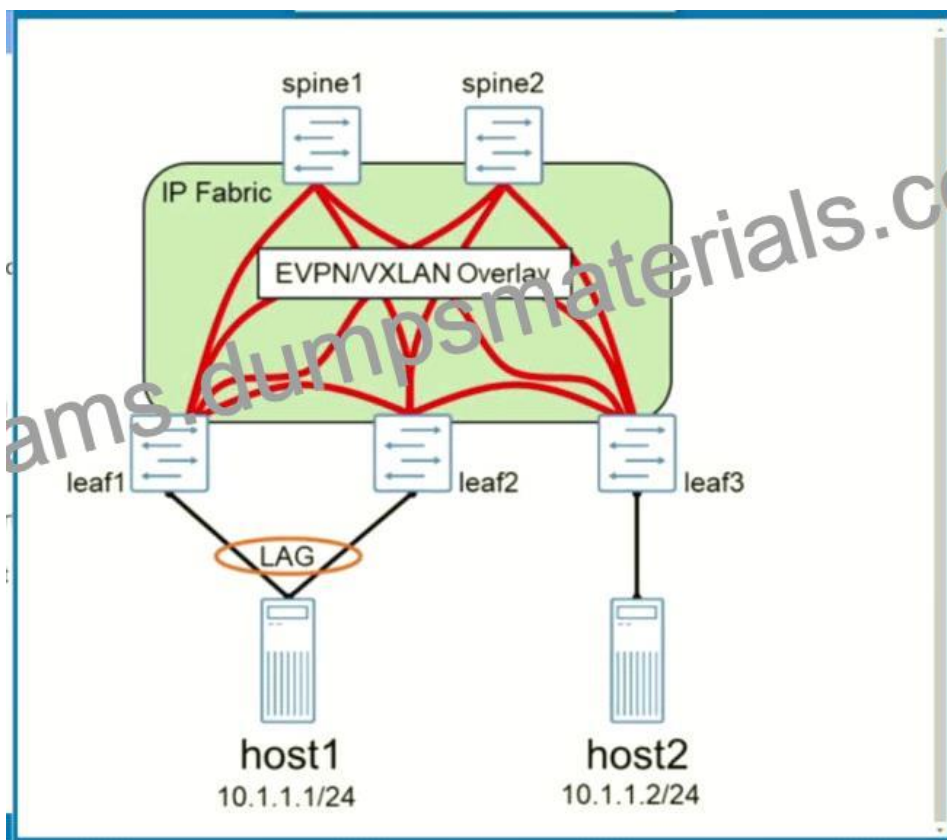
Referring to the exhibit, how would you solve this problem?

- * Configure a system-id on qfx1 that is different from the system-id on qfx2
- * Change the mc-ae is on qfx1 to 1
- * Configure status-control on qfx2 to active
- * Change the chassis on qfx1 to 1

Q58. Which two statements describes an IP fabric? (Choose two.)

- * Each leaf should have a connection to each spine.
- * Open standards allow for vendor interoperability.
- * Traffic should always follow a single path
- * xSTP protocols should be used to prevent loops

Q59. Exhibit.

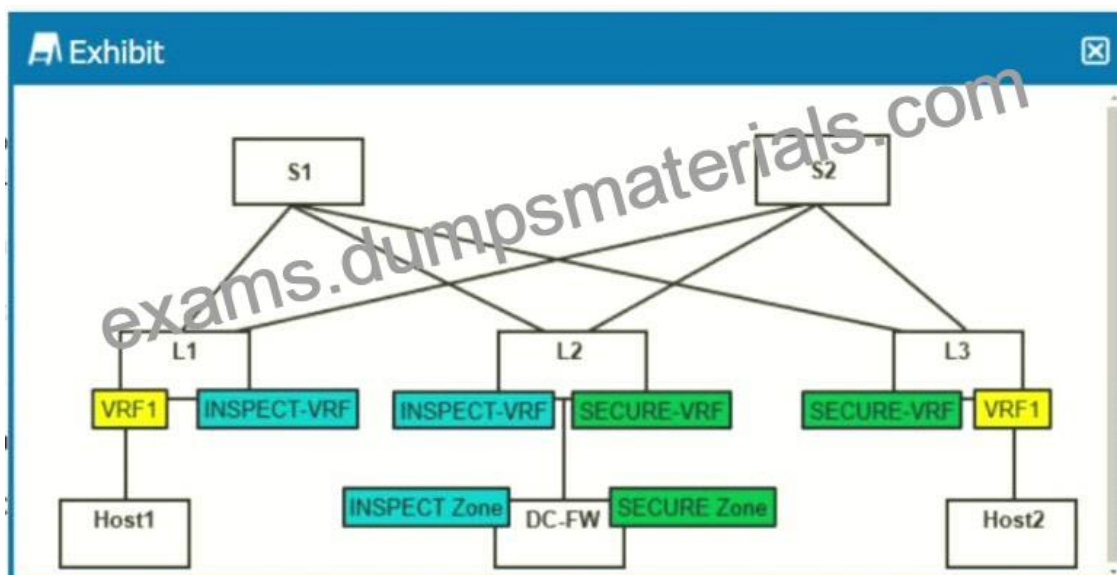


An EVPN-signaled VXLAN overlay has been deployed in the network shown in the exhibit. An EVPN LAG has been configured to connect host1 to the network,

and device leaf1 has been elected as the designated forwarder. In this scenario, which statement is true?

- * The leaf3 device can utilize both leaf1 and leaf2 to forward unicast packets from host2 to host1.
- * An ICCP control link must be configured between leaf1 and leaf2.
- * The leaf3 device will only receive an advertisement to the LAG segment from leaf1.
- * Broadcast packets sent from host2 will not be forwarded to leaf2.

Q60. Exhibit.

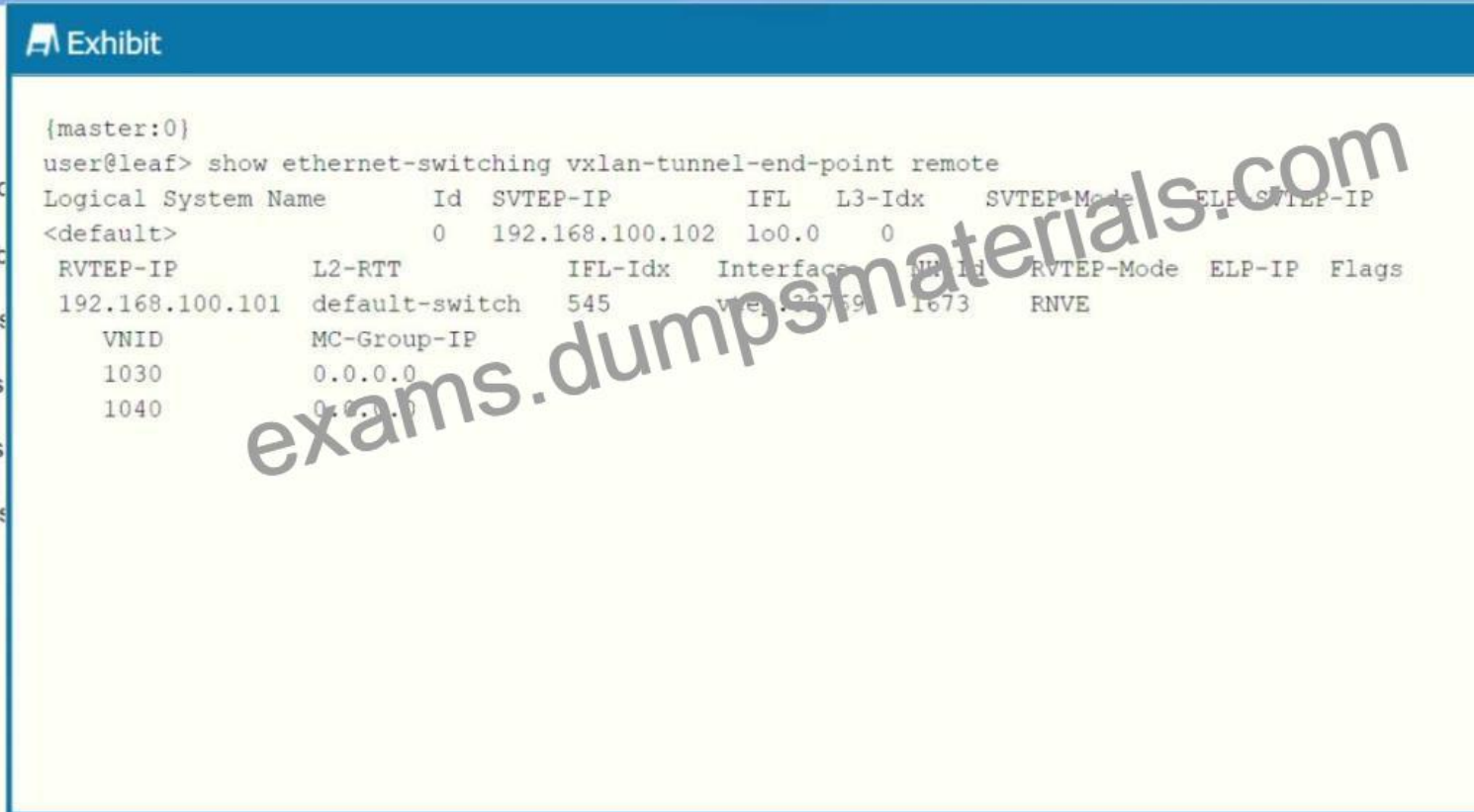


You are attempting to configure filter-based forwarding in your data center. All traffic from Host1 that is going to Host2 should be inspected by the data center firewall. You have verified that the traffic is being forwarded from router leaf L1 to its INSPECT-VRF. however, the traffic is not reaching service L2.

Referring to the exhibit, which two steps should you take to troubleshoot the problem? (choose two.)

- * Examine the INSPECT-VRF.evpn 0 route table on L1 for a default route that will direct the traffic to L2.
- * Examine the INSPECT-VRF.inet. 0 route table on L1 for a default route that will direct the traffic to L2.
- * Ensure that VRF-1 and INSPECT-VRF route targets on L1 and L2 match.
- * Ensure that the route target in the INSPECT-VRF of L1 matches the route target of the INSPECT-VRF of L2.

Q61. Exhibit.



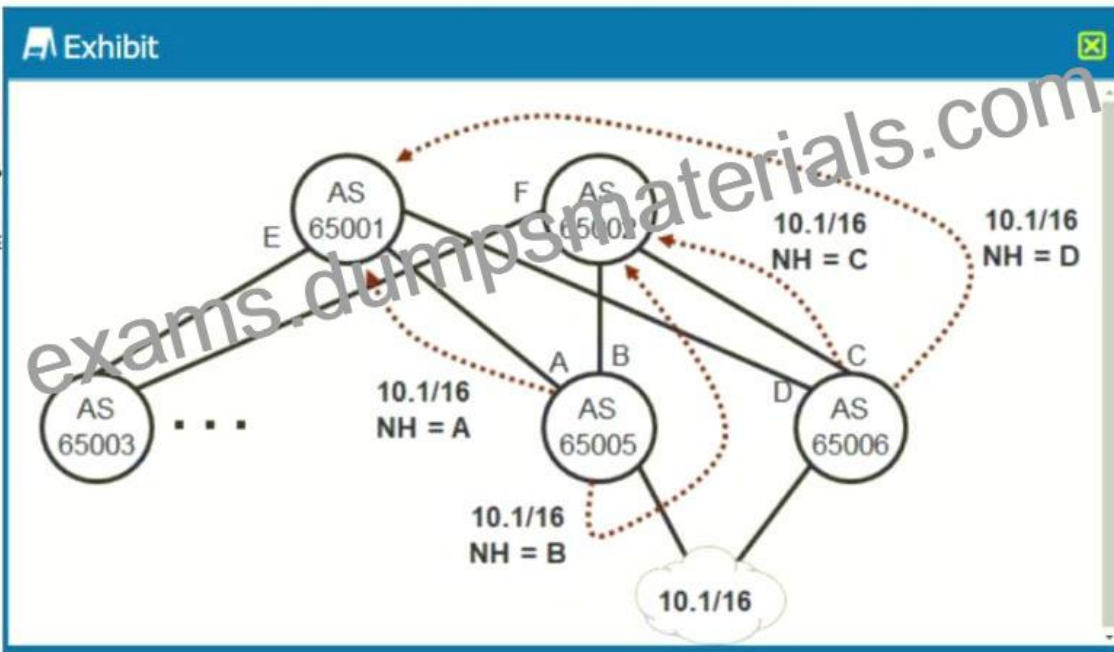
Exhibit

```
{master:0}
user@leaf> show ethernet-switching vxlan-tunnel-end-point remote
Logical System Name      Id  SVTEP-IP      IFL  L3-Idx  SVTEP-Mode  ELP-SVTEP-IP
<default>                0   192.168.100.102  lo0.0  0
RVTEP-IP                L2-RTT      IFL-Idx  Interface  VNI Id  RVTEP-Mode  ELP-IP  Flags
192.168.100.101         default-switch  545      vxe1.227E9  1673    RNVE
  VNID                  MC-Group-IP
  1030                  0.0.0.0
  1040                  0.0.0.0
```

Referring to the exhibit, which two statements are correct? (Choose two.)

- * The local leaf is using the 192.168.100.102 IP address as the local anchor point of the VTEP tunnel.
- * The remote leaf is using the 192.168.100.102 IP address as the local anchor point of the VTEP tunnel.
- * The remote leaf is using the 192.168.100.101 IP address as the local anchor point of the VTEP tunnel.
- * The local leaf is using the 192.168.100.101 IP address as the local anchor point of the VTEP tunnel.

Q62. Exhibit.

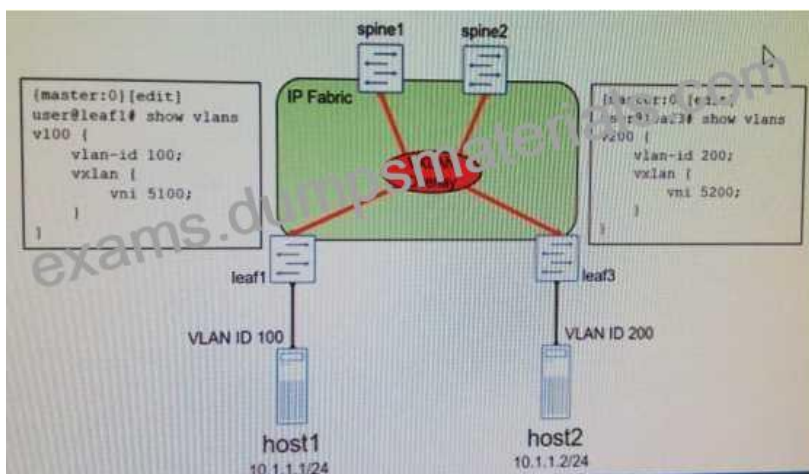


You choose the EBGP design shown in the exhibit as your IP fabric design. You must ensure that both routes received by the spine nodes will be used for ECMP forwarding. Which BGP parameter would need to be added to the EBGP configuration of the spine nodes to achieve this goal?

- * multipath
- * multihop
- * add-path
- * multipath multiple-as

Q63. Devices spine1 and spine2 have been configured as distributed Layer 3 gateways in the VXLAN topology, and devices leaf1 and leaf3 have been configured as layer 2 gateways. Device host1 must be able to communicate with device host2?

Which two statements are true? (Choose two.)



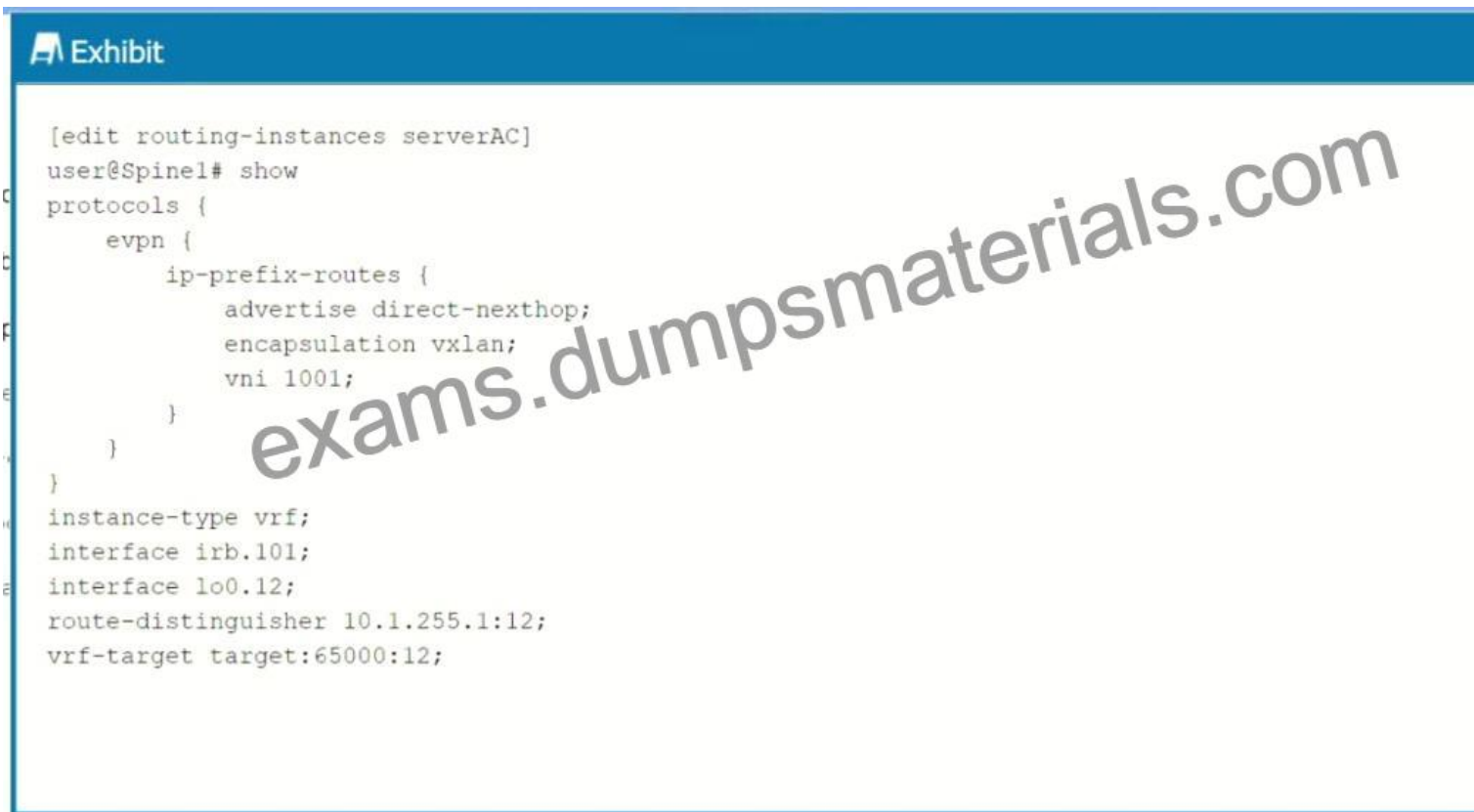
- * An IRB interface must be configured on device leaf1 and leaf2.

- * An IRB interface must be configured on devices spine1 and spine2.
- * Traffic from host1 to host2 will transmit the VXLAN tunnel from leaf1 to leaf3.
- * Traffic from host1 to host will transit a VXLAN tunnel to spine or spine2 then a VXLAN from spine1 or spine2 to leaf 3.

Q64. You are designing a network for a small data center. In this scenario, which underlay protocol allows for the simplest implementation?

- * EBGP
- * OSPF
- * IGMP
- * MPLS

Q65. Exhibit.



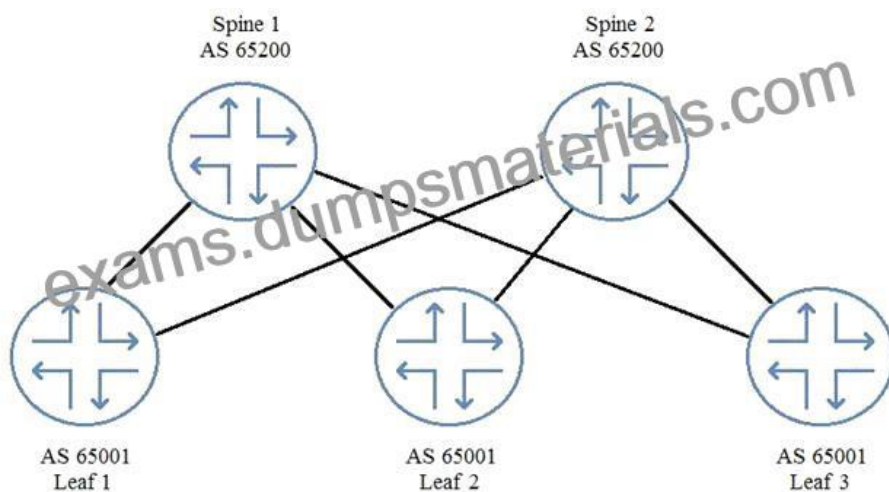
```
[edit routing-instances serverAC]
user@Spinel# show
protocols {
  evpn {
    ip-prefix-routes {
      advertise direct-nexthop;
      encapsulation vxlan;
      vni 1001;
    }
  }
}
instance-type vrf;
interface irb.101;
interface lo0.12;
route-distinguisher 10.1.255.1:12;
vrf-target target:65000:12;
```

Referring to the exhibit, you must advertise the Io0.12 interface as a type-5 route.

Which configuration parameter would be used to accomplish this task?

- * Configure auto-export under the routing instance.
- * Configure a vrf-export policy to advertise the interface route under the routing instance.
- * Configure an export policy to advertise the interface route under protocols evpn.
- * Configure vrf-table-label under the routing instance.

Q66. Referring to the exhibit, not all routes are being exchanged by EBGP peers.



In this scenario, which BGP parameter would solve this problem?

- * mulcihop
- * mulcipach
- * mulcipach multiple-as
- * as-override

Q67. You have a site with thousands of MAC addresses multihomed to two leaf nodes in an EVPN VXLAN. In this scenario, which EVPN feature provides fast network convergence in the event of a leaf node link failure?

- * Fast rerouter
- * BGP Additional Paths
- * Ethernet Autodiscovery
- * Bidirectional Forwarding detection

Q68. You are deploying a switch using ZTP.

Which two statements are true in this scenario? (Choose two.)

- * If the switch is already running the referenced image, no action is performed and the switch moves to the next ZTP step in the ZTP process.
- * Using DHCP Option 150, the DHCP server informs the switch of a software image name.
- * Using DHCP Option 43 sub option 01, the DHCP server informs the switch of the configuration file name.
- * If no configuration file is referenced in DHCP Options, the switch downloads a default configuration file from the storage server.

Q69. You are an architect for an enterprise organization that currently operates three data centers with plans to expand to five data centers in the next year. You already notice large amounts of BUM flooding and must control this issue before implementing the next two data centers.

Which feature would address this issue?

- * type-5 routes
- * type-6 routes
- * mesh groups
- * VXLAN BUM traffic filter

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