



# JN0-682<sup>Q&As</sup>

Data Center Professional (JNCIP-DC)

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**QUESTION 1**

You are deploying a VXLAN using signaling overlay network in your new data center. You are able to establish your MP BGP peering session and see your EVPN routes, but traffic will not traverse the VXLAN using signaling overlay network.

What is a solution to this problem?

- A. Enable the mtu-discovery feature on the MP peering sessions between VXLAN ANs EVPN signaling peers.
- B. Increase the protocol MTU on all devices participating in VXLAN using EVPN signaling
- C. Increase the MTU on the logical VTEP source interface of all devices participating in VXLAN using EVPN signaling.
- D. Increase the physical MTU on all ports on all devices participating in VXLAN using EVPN signaling.

Correct Answer: D

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**QUESTION 2**

You are troubleshooting a connectivity issue across a VXLAN overlay network. In the exhibit, you are using the ping overlay command from a local VTEP residing on a OFX 5120 to a remote VTEP residing on a separate QFX5120.



```
Exhibit

ping overlay tunnel-type vxlan vni 100 tunnel-src 192.0.2.10 tunnel-dst 192.0.2.20 count 1

ping-overlay protocol vxlan

    vni 100
    tunnel src ip 192.0.2.10
    tunnel dst ip 192.0.2.20
    mac address 00:00:00:00:00:00
    count 1
    ttl 255

WARNING: following hash-parameters are missing -
    hash computation may not succeed

    end-host smac
    end-host dmac
    end-host src ip
    end-host dst ip
    end-host vlan
    end-host input interface
```

```
Exhibit

WARNING: following hash-parameters are missing -
    hash computation may not succeed

    end-host smac
    end-host dmac
    end-host src ip
    end-host dst ip
    end-host vlan
    end-host input interface
    end-host protocol
    end-host l4-dst-port

Request for seq 1, to 192.0.2.20, at 09-24 22:03:16 PDT.033 msec

Response for seq 1, from 192.0.2.20, at 09-24 22:03:16 PDT.036 msec, rtt 10 msec

Overlay-segment not present at RVTIP 192.0.2.20

Request for seq 2, to 192.0.2.20, at 09-24 22:03:16 PDT.044 msec
```

```
Exhibit

WARNING: following hash-parameters are missing -
    hash computation may not succeed

    end-host smac
    end-host dmac
    end-host src ip
    end-host dst ip
    end-host vlan
    end-host input interface
    end-host protocol
    end-host l4-dst-port

Request for seq 1, to 192.0.2.20, at 09-24 22:03:16 PDT.033 msec

Response for seq 1, from 192.0.2.20, at 09-24 22:03:16 PDT.036 msec, rtt 10 msec

Overlay-segment not present at RVTIP 192.0.2.20

Request for seq 2, to 192.0.2.20, at 09-24 22:03:16 PDT.044 msec
```



```
Exhibit

end-host 14-dist-port

Request for seq 1, to 192.0.2.20, at 09-24 22:03:16 PDT.033 msec
Response for seq 1, from 192.0.2.20, at 09-24 22:03:16 PDT.036 msec, rtt 10 msec
Overlay-segment not present at EVTEP 192.0.2.20

Request for seq 2, to 192.0.2.20, at 09-24 22:03:16 PDT.044 msec
Response for seq 2, from 192.0.2.20, at 09-24 22:03:16 PDT.046 msec, rtt 10 msec
Overlay-segment not present at EVTEP 192.0.2.20

Request for seq 3, to 192.0.2.20, at 09-24 22:03:16 PDT.054 msec
Response for seq 3, from 192.0.2.20, at 09-24 22:03:16 PDT.057 msec, rtt 10 msec
Overlay-segment not present at EVTEP 192.0.2.20
```

What is the problem in this situation?

- A. The VXLAN controller is down.
- B. VXLAN VN1100 is not configured on the local VTEP
- C. VXLAN VN1100 is not configured on the remote VTEP.
- D. VXLAN VN1100 is not configured on both end points.

Correct Answer: C

### QUESTION 3

Referring to the exhibit, you want to advertise the IRB routes between both routing instances.



```
Exhibit

[edit routing-instances]
user@spine-1# show
Tenant_A {
    instance-type vrf;
    interface irb.101;
    route-distinguisher 10.1.255.1:1010;
    vrf-target target:65000:101;
}
Tenant_C {
    instance-type vrf;
    interface irb.103;
    route-distinguisher 10.1.255.1:1030;
    vrf-target target:65000:103;
}

[edit policy-options]
user@spine-1# show
policy-statement irb-A {
    term 1 {
```

```
Exhibit

    route-distinguisher 10.1.255.1:1030;
    vrf-target target:65000:103;
}

[edit policy-options]
user@spine-1# show
policy-statement irb-A {
    term 1 {
        from community comm-VE_VLAN101;
        then accept;
    }
}
policy-statement irb-C {
    term 1 {
        from community comm-VE_VLAN103;
        then accept;
    }
}

community comm-VE_VLAN101 members target:65000:101;
community comm-VE_VLAN103 members target:65000:103;
```

Which two configuration parameters would be applied to accomplish this task? (Choose two.)

- A. Apply policy irb-A under instance Tenant\_c and apply policy irb-c under instance Tenant\_A as import policies.
- B. Configure auto-export under both routing instances.
- C. Configure vrf-table-label under both routing instances.
- D. Apply policy irb-A under instance Tenant A and apply policy irb-c under instance Tenant\_c as export policies.

Correct Answer: AC

#### QUESTION 4



You manage a data center with a 5-stage EVPN-VXLAN IP fabric. You notice that there are suboptimal paths used between the leaf and spine as well as the spine and super spine. What is one way to solve this issue?

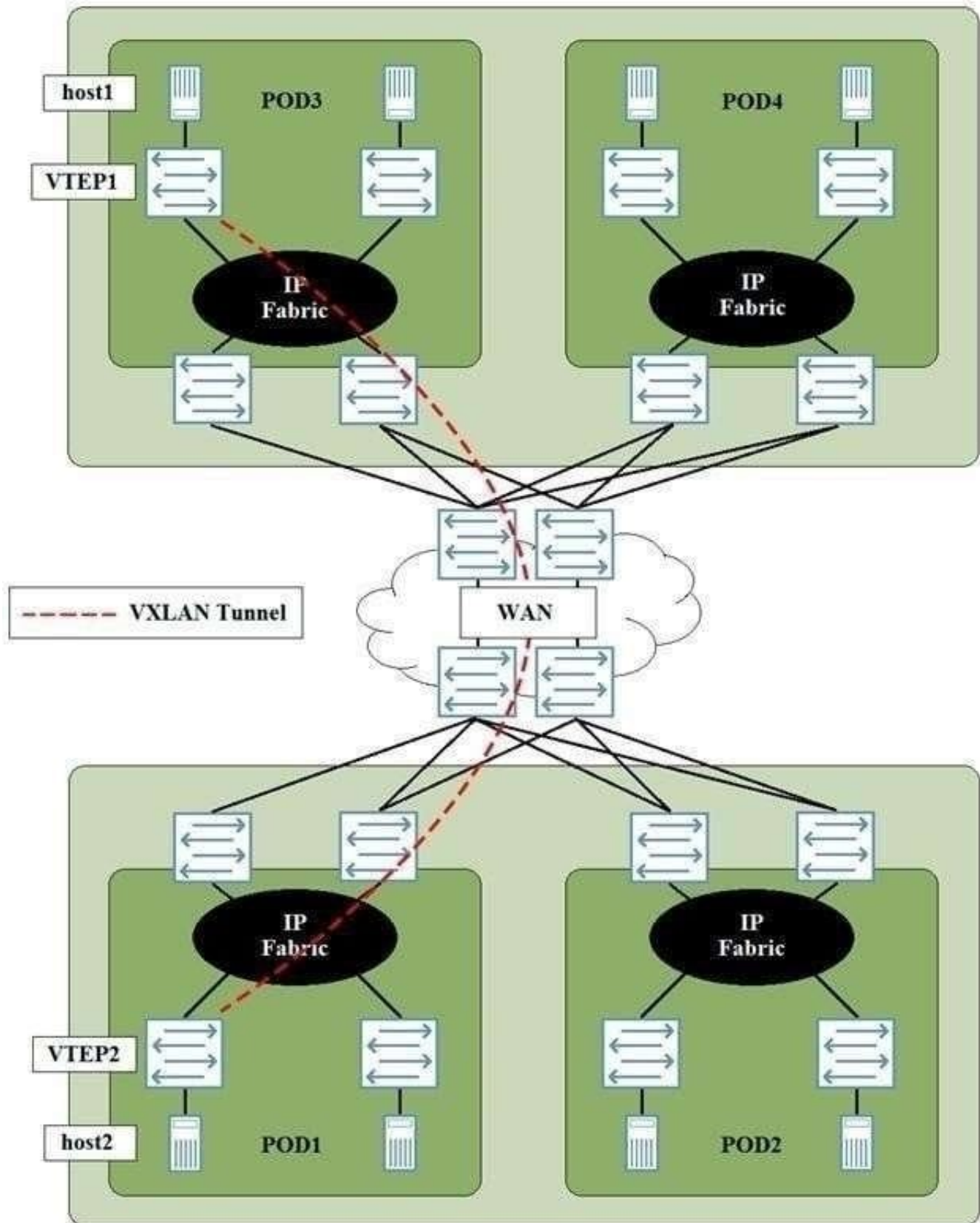
- A. Configure the super spine and spine layers to all use the same ASN.
- B. Configure the spine layer for EBGp and the leaf layer for IBGP
- C. Configure the spine layer so that all spines in a POD share the same ASN.
- D. Configure the leaf layer so that all leaf devices share the same ASN.

Correct Answer: B

---

#### QUESTION 5

Referring to the exhibit, DC1 and DC2 have a DCI across a service provider WAN connection. Host1 in DC1 must have Layer 2 connectivity to host2 in DC2. A VXLAN tunnel must be created between VTEP1 and VTEP2.



In this scenario, which statement is true?

A. A route to the loopback address on VTEP must be present on VTEP1.



- B. VTEP and VTEP2 must peer using IBGP.
- C. VXLAN Layer 3 gateway must be provisioned at the Super Spine layer.
- D. The service provider WAN connection be an MPL5-based WAN connection.

Correct Answer: A

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