



**Free Questions for JN0-649 by certsdeals**

**Shared by McCormick on 24-05-2024**

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# Question 1

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**Question Type:** MultipleChoice

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BGP multipath or multihop are not configured in your network.

In this scenario, what is the correct sequence for BGP active route selection?

## Options:

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**A-** higher local preference

shortest AS path

lowest peer address

lowest router ID

lower origin code

**B-** higher local preference

shortest AS path

lower origin code

lowest router ID

lowest peer address

**C-** higher local preference

lowest router ID

lowest peer address

lower origin code

shortest AS path

**D-** higher local preference

shortest AS path

lowest router ID

lowest peer address

lower origin code

### **Answer:**

---

B

### **Explanation:**

---

BGP Path Selection process follows this order

1. Weight (Bigger is better)
2. Local preference (Bigger is better)
3. Self originated (Locally injected is better than iBGP/eBGP learned)
4. AS-Path (Smaller is better)
5. Origin

6. MED (Smaller is better)
7. External (Prefer eBGP over iBGP)
8. IGP cost (Smaller is better)
9. EBGP Peering (Older is better)
10. Router- ID

<http://www.next-itsolutions.co.uk/wp-content/uploads/2015/09/CCIE-BGP-Best-Path-Selection1.png>

<https://www.juniper.net/documentation/us/en/software/junos/vpn-l2/bgp/topics/concept/routing-protocols-address-representation.html>

## Question 2

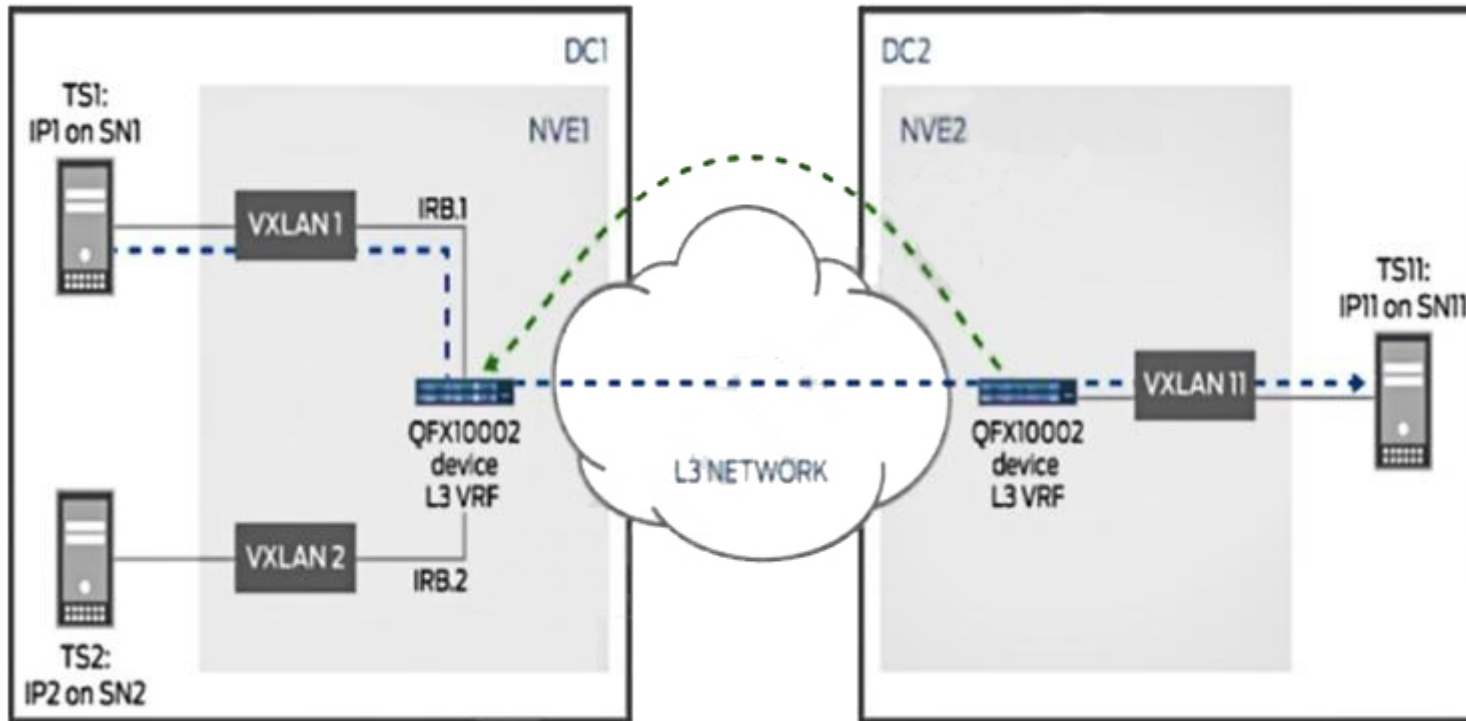
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**Question Type: MultipleChoice**

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The connection between DC1 and DC2 is routed as shown in the exhibit.

In this scenario, which statement is correct?



### Options:

- A- The border devices must be able to perform Layer 3 routing and provide IRB functionality.
- B- L3VPN must be enabled to advertise reachability.
- C- An IP prefix route provides encoding for intra-subnet forwarding.

**D-** Type 2 and Type 5 routes will be exchanged between DC1 and DC2.

**Answer:**

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A

**Explanation:**

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<https://www.juniper.net/documentation/us/en/software/junos/evpn-vxlan/topics/concept/evpn-route-type5-understanding.html>

## Question 3

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**Question Type: MultipleChoice**

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Which statement is correct about IS-IS?

**Options:**

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**A-** IS-IS uses areas and an autonomous system.

- B-** Level 1/2 routers automatically inject a default route to the nearest Level 1 router.
- C-** Level 2 routers must share the same area address.
- D-** Level 1 routers route traffic between autonomous systems.

**Answer:**

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A

**Explanation:**

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Level 1/2 routers automatically inject a default route to the nearest Level 1 router. It's the other way around

## Question 4

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**Question Type: MultipleChoice**

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You must ensure that all routes in the 10.0.0/8 address range are not advertised outside of your AS.

Which well-known BGP community should be assigned to these addresses to accomplish this task?

## Options:

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- A- no-export
- B- no-peer
- C- internet
- D- no-advertise

## Answer:

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A

## Explanation:

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For specifying the BGP community attribute only, you also can specify community-ids as one of the following well-known community names defined in RFC 1997:

no-advertise---Routes containing this community name are not advertised to other BGP peers.

no-export---Routes containing this community name are not advertised outside a BGP confederation boundary.

no-export-subconfed---Routes containing this community are advertised to IBGP peers with the same AS number, but not to members of other confederations.

llgr-stale---Adds a community to a long-lived stale route when it is readvertised.



no-llgr---Marks routes which a BGP speaker does not want to be retained by LLGR. The Notification message feature does not have any associated configuration parameters.

<https://www.juniper.net/documentation/us/en/software/junos/bgp/topics/ref/statement/community-edit-routing-options.html>

## Question 5

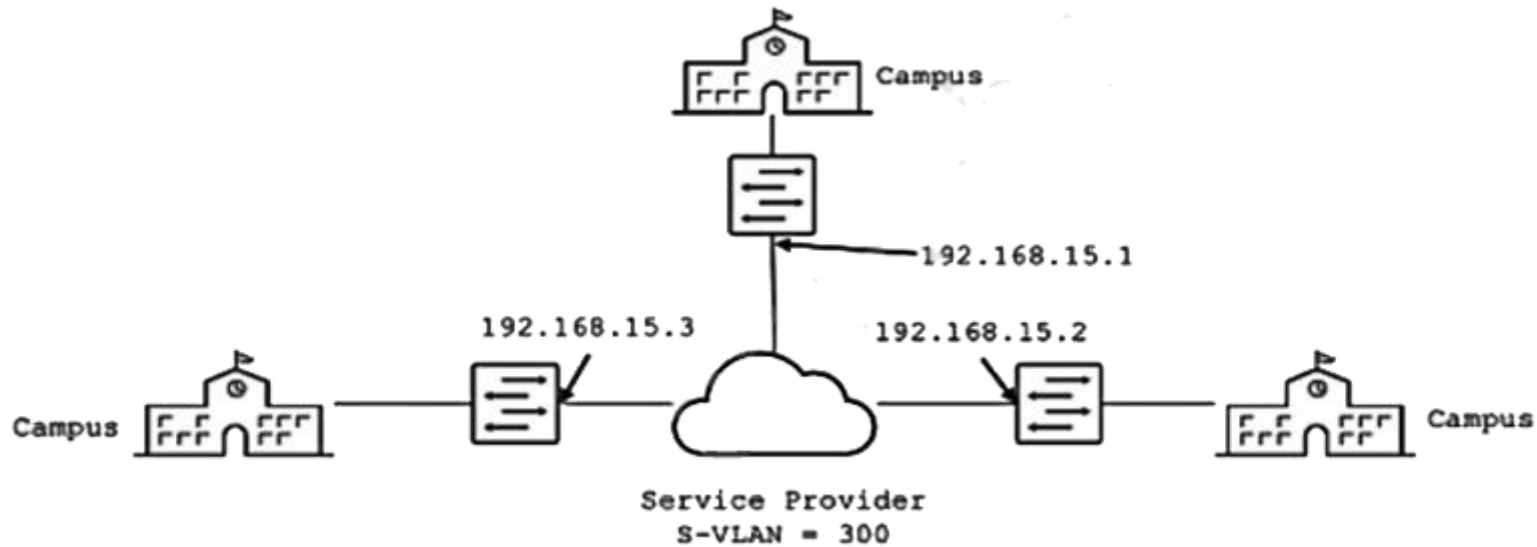
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**Question Type: MultipleChoice**

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You want to provide Layer 2 connectivity between campus sites using Ethernet switches through a metro Ethernet service provider who is using Q-in-Q tagging on their network.

Referring to the exhibit, what are two design considerations in this environment? (Choose two.)



### Options:

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- A- VXLAN could be implemented on your network across this service provider network.
- B- Each campus switch shown must have a C-Tag 300 configured.
- C- L2PT is required on the SP network to support the spanning tree protocol.
- D- Each campus switch shown must have S-Tag 300 configured.

### Answer:

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C, D

**Explanation:**

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<https://www.juniper.net/documentation/us/en/software/junos/multicast-l2/topics/ref/statement/layer2-protocol-tunneling-edit-vlans-l2pt-ex-series.html>

## Question 6

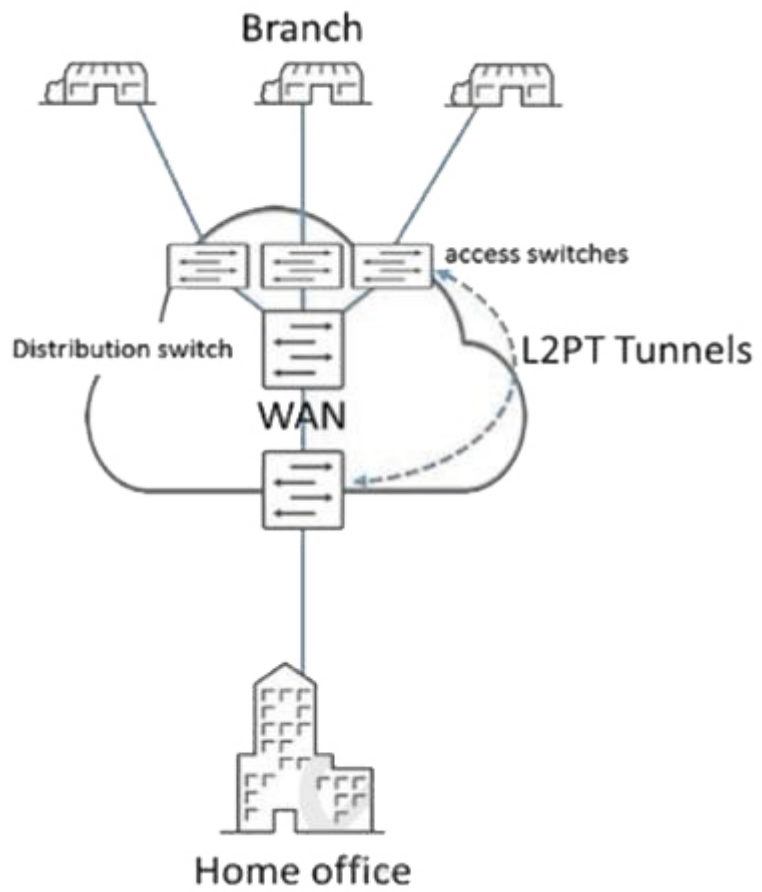
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**Question Type: MultipleChoice**

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Remote branches connect to the corporate WAN through access switches. The access switches connect to access ports on the WAN distribution switch, as shown in the exhibit. L2PT has previously been configured on the tunnel Layer 2 traffic across the WAN. You decide to move the L2PT tunnel endpoints to the access switches. When you apply the L2PT configuration to the access switches, the ports that connect the access switches to the distribution switch shut down.

Which action would solve this problem?



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Options:

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- A-** Configure the links between the access switches and the distribution switch as a trunk port.
- B-** Disable the BPDU block function on the access switches.
- C-** Disable the BPDU block function on the distribution switch.
- D-** Configure a GRE tunnel to encapsulate the L2PT traffic across the WAN.

**Answer:**

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A

**Explanation:**

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Access interfaces in an L2PT-enabled VLAN should not receive L2PT-tunneled PDUs. If an access interface does receive L2PT-tunneled PDUs, there might be a loop in the network, and the device will shut down the interface.

<https://www.juniper.net/documentation/us/en/software/junos/multicast-l2/topics/topic-map/layer-2-protocol-tunneling.html>

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