



# 350-401<sup>Q&As</sup>

Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR) & CCIE Enterprise Infrastructure & CCIE Enterprise Wireless

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### QUESTION 1

What is a characteristic of a virtual machine?

- A. It must be aware of other virtual machines, in order to allocate physical resources for them
- B. It is deployable without a hypervisor to host it
- C. It must run the same operating system as its host
- D. It relies on hypervisors to allocate computing resources for it

Correct Answer: D

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### QUESTION 2

Which of the following are benefits from implementing the use of VXLAN's in a network? (Choose two)

- A. Increased scalability since VXLAN extends the IF field to 24 bits, providing up to 16 million unique ID values.
- B. Makes the implementation of Spanning Tree more efficient.
- C. Can be used to replace layer 3 routing protocols and increase routing efficiency at layer 2.
- D. Supports Equal Cost Multi-pathing (ECMP) so that load balancing over multiple links can be used.

Correct Answer: AD

VXLAN is a MAC in IP/UDP(MAC-in-UDP) encapsulation technique with a 24-bit segment identifier in the form of a VXLAN ID. The larger VXLAN ID allows LAN segments to scale to 16 million in a cloud network. In addition, the IP/UDP encapsulation allows each LAN segment to be extended across existing Layer 3 networks making use of Layer 3 equal-cost multipath (ECMP).

reference:

[https://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/nx-os/vxlan/configuration/guide/b\\_NX-OS\\_VXLAN\\_Configuration\\_Guide/overview.pdf](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/nx-os/vxlan/configuration/guide/b_NX-OS_VXLAN_Configuration_Guide/overview.pdf)

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### QUESTION 3

DRAG DROP

Drag and drop the Cisco DNA Center northbound API characteristics from the left to the right. Not all options are used.

Select and Place:



### Answer Area

|                                         |
|-----------------------------------------|
| referred to as Intent API               |
| multivendor focus                       |
| uses JSON exclusively                   |
| RESTful API based on HTTP methods       |
| supports NETCONF, SSH, SNMP, and others |

|                           |
|---------------------------|
| DNA Center northbound API |
|                           |
|                           |
|                           |

Correct Answer:

### Answer Area

|                       |
|-----------------------|
|                       |
| multivendor focus     |
| uses JSON exclusively |
|                       |
|                       |

|                                         |
|-----------------------------------------|
| DNA Center northbound API               |
| referred to as Intent API               |
| RESTful API based on HTTP methods       |
| supports NETCONF, SSH, SNMP, and others |

### QUESTION 4

Which command set configures RSPAN to capture outgoing traffic from VLAN 3 on interface GigabitEthernet 0/3 while ignoring other VLAN traffic on the same interface?

- A. monitor session 2 source interface gigabitethernet0/3 rx monitor session 2 filter vlan 3
- B. monitor session 2 source interface gigabitethernet0/3 rx monitor session 2 filter vlan 1 - 2, 4 - 4094
- C. monitor session 2 source interface gigabitethernet0/3 tx monitor session 2 filter vlan 3
- D. monitor session 2 source interface gigabitethernet0/3 tx monitor session 2 filter vlan 1 - 2, 4 - 4094

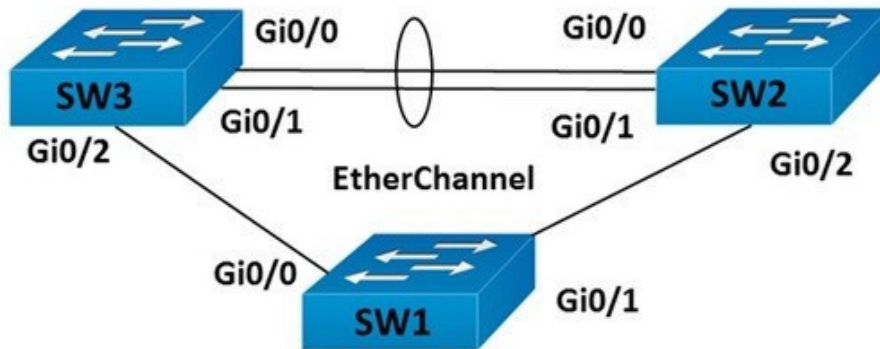


Correct Answer: C

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#### QUESTION 5

Refer to the exhibit.



```
SW2# show etherchannel summary
Flags: D - down P - bundled in port-channel
I - stand-alone s - suspended
H - Hot-standby (LACP only)
R - Layer3 S - Layer2
U - in use f - failed to allocate aggregator
M - not in use, minimum links not met
u - unsuitable for bundling
w - waiting to be aggregated
d - default port
Number of channel-groups in use: 1
Number of aggregators: 1
Group Port-channel Protocol Ports
-----+-----+-----+-----+
1 Pol(S D ) LACP Gi0/0(I) Gi0/1 (I)
```

```
SW2# show run interface
gigabitethernet 0/0

Building configuration...
Current configuration : 189 bytes
!
interface GigabitEthernet0/0
switchport trunk encapsulation isl
switchport mode access
switchport nonegotiate
```

```
SW2# show run interface
gigabitetheret 0/1

Building configuration...
Current configuration : 189 bytes
!
interface Gigabitethernet0/1
switchport trunk encapsulation isl
switchport mode trunk
switchport nonegotiate
channel-group 1 mode active end
```

```
SW3# show etherchannel summary
Flags: D - down P - bundled in port-channel
I - stand alone s - suspended
H - Hot-standby (LACP only)
R - Layer3 s - Layer2
U - in use f - failed to allocate aggregator
M - not in use, minimum links not met
u - unsuitable for bundling
w - waiting to be aggregated
d - default port
Number of channel-groups in use: 1
Number of aggregators: 1
Group Port channel Protocol Ports
-----+-----+-----+-----+
1 Pol(S D ) LACP Gi0/0(I) Gi0/1(I)
```

```
SW3# show run interface
gigabitethernet 0/0

Building configuration...
Current configuration : 151 bytes
!
interface Gigabitethernet0/0
switchport trunk encapsulation isl
switchport mode trunk
switchport nonegotiate
channel-group 1 mode passive end
```

```
SW3# show run interface
gigabitethernet 0/1

Building configuration...
Current configuration : 151 bytes
!
interface GigabitEthernet0/1
switchport trunk encapsulation isl
switchport mode trunk
switchport nonegotiate
channel-group 1 mode passive end
```



The EtherChannel between SW2 and SW3 is not operational which action resolves this issue?

- A. Configure the channel-group mode on SW2 Gi0/0 and Gi0/1 to on.
- B. Configure the channel-group mode on SW3 Gi0/0 and Gi0/1 to active.
- C. Configure the mode on SW2 Gi0/0 to trunk.
- D. Configure the mode on SW2 Gi0/1 to access.

Correct Answer: C

TCKOON is right the image is missing the channel-group 1 mode active statement but if you google it you will find the right picture.

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