

➤ **Vendor: Cisco**➤ **Exam Code: 350-401**➤ **Exam Name: Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR)**➤ **New Updated Questions from [Braindump2go](#) (Updated in [Jan./2021](#))****[Visit Braindump2go and Download Full Version 350-401 Exam Dumps](#)****QUESTION 331**

Refer to the exhibit. What happens to access interfaces where VLAN 222 is assigned?

```
vlan 222
  remote-span
!
vlan 223
  remote-span
!
monitor session 1 source interface FastEthernet0/1 tx
monitor session 1 source interface FastEthernet0/2 rx
monitor session 1 source interface port-channel 5
monitor session 1 destination remote vlan 222
!
```

- A. STP BPDU guard is enabled
- B. A description "RSPAN" is added
- C. They are placed into an inactive state
- D. They cannot provide PoE

**Answer: C****Explanation:**

```
SWS#sh int status
```

Port	Name	Status	Vlan	Duplex	Speed	Type
Et0/0		connected	trunk	a-full	auto	RJ45
Et0/1		notconnect	1	auto	auto	RJ45
Et0/2		notconnect	1	auto	auto	RJ45
Et0/3		inactive	222	a-full	auto	RJ45
Po5		notconnect	unassigned	auto	auto	

**QUESTION 332**

What is the differences between TCAM and the MAC address table?

- A. The MAC address table is contained in CAM ACL and QoS information is stored in TCAM
- B. The MAC address table supports partial matches. TCAM requires an exact match

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- C. Router prefix lookups happens in CAM. MAC address table lookups happen in TCAM.
- D. TCAM is used to make Layer 2 forwarding decisions CAM is used to build routing tables

**Answer:** A

**Explanation:**

<https://community.cisco.com/t5/networking-documents/cam-content-addressable-memory-vs-tcam-ternary-content/ta-p/3107938>

#### **QUESTION 333**

Which two results occur if Cisco DNA Center loses connectivity to devices in the SD-Access fabric? (Choose two )

- A. All devices reload after detecting loss of connection to Cisco DNA Center
- B. Already connected users are unaffected, bu new users cannot connect
- C. User connectivity is unaffected.
- D. Cisco DNA Center is unable to collect monitoring data in Assurance.
- E. Users lose connectivity

**Answer:** CD

#### **QUESTION 334**

A customer requests a network design that supports these requirements:

- FHRP redundancy
- multivendor router environment
- IPv4 and IPv6 hosts

Which protocol does the design include?

- A. GLBP
- B. VRRP version 2
- C. VRRP version 3
- D. HSRP version 2

**Answer:** D

#### **QUESTION 335**

Which unit measures the power of a radio signal with reference to 1 milliwatt?

- A. dBw
- B. dBm
- C. mW
- D. dBi

**Answer:** C

#### **QUESTION 336**

What is a characteristic of MACsec?

- A. 802.1AE provides encryption and authentication services
- B. 802.1AE is bult between the host and switch using the MKA protocol, which negotiates encryption keys based on the master session key from a successful 802 1X session
- C. 802.1AE is bult between the host and switch using the MKA protocol using keys generated via the Diffie-Hellman algorithm (anonymous encryption mode)
- D. 802.1AE is negotiated using Cisco AnyConnect NAM and the SAP protocol

**Answer:** A

#### **QUESTION 337**

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Which two components are supported by LISP? (choose two )

- A. proxy ETR
- B. egress tunnel router
- C. route reflector
- D. HMAC algorithm
- E. spoke

**Answer:** AB

**Explanation:**

<https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/iproutelisp/configuration/xs-3s/irl-xe-3s-book/irl-overview.html>

**QUESTION 338**

What is a characteristic of a next-generation firewall?

- A. only required at the network perimeter
- B. required in each layer of the network
- C. filters traffic using Layer 3 and Layer 4 information only
- D. provides intrusion prevention

**Answer:** A

**QUESTION 339**

After a redundant route processor failure occurs on a Layer 3 device, which mechanism allows for packets to be forwarded from a neighboring router based on the most recent tables?

- A. RPVST+
- B. NSF
- C. BFD
- D. RP failover

**Answer:** B

**QUESTION 340**

Refer to the exhibit. What does the output confirm about the switch's spanning tree configuration?

Root ID	Priority	24596			
	Address	0018.7363.4300			
	Cost	2			
	Port	13 (FastEthernet1/0/11)			
	Hello Time	2 sec	Max Age 20 sec	Forward Delay 15 sec	
Bridge ID	Priority	28692 (priority 28672 sys-id-ext 20)			
	Address	001b.0d8e.e080			
	Hello Time	2 sec	Max Age 20 sec	Forward Delay 15 sec	
	Aging Time	300			
Interface	Role	Sts	Cost	Prio.Nbr	Type
Fal/0/7	Desg	FWD	2	128.9	P2p
Fal/0/10	Desg	FWD	2	128.12	P2p
Fal/0/11	Root	FWD	2	128.13	P2p
Fal/0/12	Altn	BLK	2	128.14	P2p

- A. The spanning-tree mode stp ieee command was entered on this switch
- B. The spanning-tree operation mode for this switch is PVST.
- C. The spanning-tree operation mode for this switch is PVST+.

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D. The spanning-tree operation mode for this switch is IEEE

**Answer: C**

**QUESTION 341**

Which two southbound interfaces originate from Cisco DNA Center and terminate at fabric underlay switches? (Choose two)

- A. ICMP: Discovery
- B. UDP 67: DHCP
- C. TCP 23: Telnet
- D. UDP 6007: NetFlow
- E. UDP 162: SNMP

**Answer: AD**

**QUESTION 342**

What is a characteristic of para-virtualization?

- A. Para-virtualization guest servers are unaware of one another
- B. Para-virtualization allows direct access between the guest OS and the hypervisor
- C. Para-virtualization allows the host hardware to be directly accessed
- D. Para-virtualization lacks support for containers

**Answer: C**

**QUESTION 343**

Which measure is used by an NTP server to indicate its closeness to the authoritative time source?

- A. time zone
- B. hop count
- C. stratum
- D. latency

**Answer: C**

**QUESTION 344**

What is the function of a control-plane node in a Cisco SD-Access solution?

- A. to run a mapping system that manages endpoint to network device relationships
- B. to implement policies and communicate with networks outside the fabric
- C. to connect external Layer 3 networks to the SD Access fabric.
- D. to connect APs and wireless endpoints to the SD-Access fabric

**Answer: A**

**QUESTION 345**

Refer to the exhibit. What is the result when a switch that is running PVST+ is added to this network?

```
DSW2#sh spanning-tree vlan 10

VLAN0010
  Spanning tree enabled protocol rstp
    Root ID    Priority    4106
              Address     0018.7363.4300
              This bridge is the root
              Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec

    Bridge ID  Priority    4106 (priority 4096 sys-id-ext 20)
              Address     0018.7363.4300
              Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
              Aging Time  300

Interface                Role Sts Cost      Prio.Nbr Type
-----
Fa1/0/7                  Desg FWD 2        128.9   P2p Peer (STP)
Fa1/0/10                 Desg FWD 4        128.12  P2p Peer (STP)
Fa1/0/11                 Desg FWD 2        128.13  P2p Peer (STP)
Fa1/0/12                 Desg FWD 2        128.14  P2p Peer (STP)
```

- A. DSW2 operates in Rapid PVST+ and the new switch operates in PVST+
- B. Both switches operate in the PVST+ mode
- C. Spanning tree is disabled automatically on the network
- D. Both switches operate in the Rapid PVST+ mode.

**Answer:** A

#### QUESTION 346

Which solution do IaaS service providers use to extend a Layer 2 segment across a Layer 3 network?

- A. VLAN
- B. VTEP
- C. VXLAN
- D. VRF

**Answer:** C

#### QUESTION 347

How does EIGRP differ from OSPF?

- A. EIGRP is more prone to routing loops than OSPF
- B. EIGRP has a full map of the topology, and OSPF only knows directly connected neighbors
- C. EIGRP supports equal or unequal path cost, and OSPF supports only equal path cost.
- D. EIGRP uses more CPU and memory than OSPF

**Answer:** A

#### QUESTION 348

Which level message does the WLC send to the syslog server?

- A. syslog level errors and less severity messages
- B. syslog level errors messages
- C. all syslog levels messages
- D. syslog level errors and greater severity messages



**Answer: D**

**QUESTION 349**

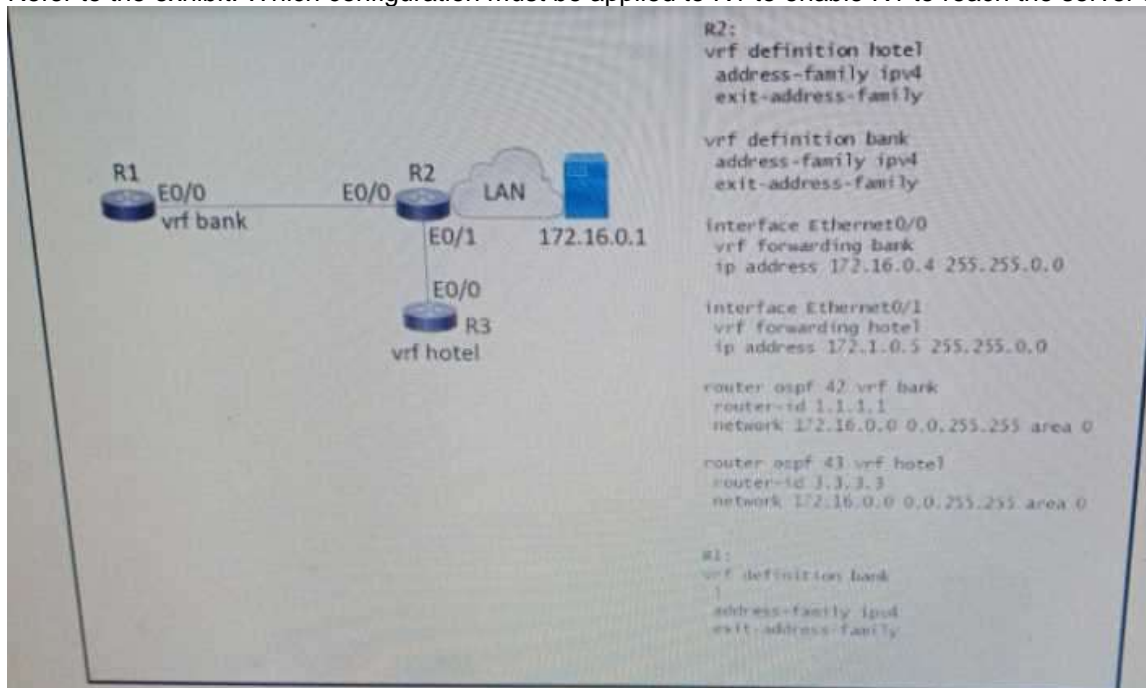
A customer has recently implemented a new wireless infrastructure using WLC-5520S at a site directly next to a large commercial airport. Users report that they intermittently lose Wi-Fi connectivity, and troubleshooting reveals it is due to frequent channel changes. Which two actions fix this issue? (Choose two)

- A. Remove UNII-2 and Extended UNII-2 channels from the 5 GHz channel list
- B. Restore the OCA default settings because this automatically avoids channel interference
- C. Disable DFS channels to prevent interference with Doppler radar
- D. Enable DFS channels because they are immune to radar interference
- E. Configure channels on the UNII-2 and the Extended UNII-2 sub-bands of the 5 GHz band only

**Answer: CE**

**QUESTION 350**

Refer to the exhibit. Which configuration must be applied to R1 to enable R1 to reach the server at 172.16.0.1?



```

interface Ethernet0/0
 ip address 172.16.0.7 255.255.0.0

router ospf 44 vrf hotel
 network 172.16.0.0 255.255.0.0

interface Ethernet0/0
 vrf forwarding hotel
 ip address 172.16.0.7 255.255.0.0

router ospf 44 vrf Hotel
 network 172.16.0.0 0.0.255.255 area 0

interface Ethernet0/0
 vrf forwarding bank
 ip address 172.16.0.7 255.255.0.0

router ospf 44 vrf bank
 network 172.16.0.0 0.0.255.255 area 0

interface Ethernet0/0
 ip address 172.16.0.7 255.255.0.0

router ospf 44 vrf bank
 network 172.16.0.0 255.255.0.0
  
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

**Answer: D**

#### QUESTION 351

Drag and Drop Question

Drag and drop the LISP components on the left to the correct description on the right

ETR	network infrastructure component that learns of EID-prefix mapping entries from an ETR
map server	IPv4 or IPv6 address of an endpoint within a LISP site
EID	de-encapsulates LISP packets coming from outside of the LISP site to destinations inside of the site

**Answer:**

	map server
	EID
	ETR

#### Explanation:

[https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/iproute\\_lisp/configuration/xr-3s/irl-xe-3s-book/irloverview.html#GUID-92481C7B-F44D-4D8C-8085-A2E98530CA50](https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/iproute_lisp/configuration/xr-3s/irl-xe-3s-book/irloverview.html#GUID-92481C7B-F44D-4D8C-8085-A2E98530CA50)

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### QUESTION 352

Drag and Drop Question

Drag and drop the characteristics from the left onto the QoS components they describe on the right.

applied on traffic to convey information to a downstream device	shaping
distinguishes traffic types	marking
process used to buffer traffic that exceeds a predefined rate	trust
permits traffic to pass through the device while retaining DSCP/COS values	classification

Answer:

	process used to buffer traffic that exceeds a predefined rate
	applied on traffic to convey information to a downstream device
	permits traffic to pass through the device while retaining DSCP/COS values
	distinguishes traffic types

### QUESTION 353

Drag and Drop Question

Drag and drop the virtual component from the left onto their descriptions on the right.

VNIC	zip file connecting a virtual machine configuration file and a virtual disk
OVA	file containing a virtual machine disk drive
VMX	configuration file containing settings for a virtual machine such as guest OS
VMX	component of a virtual machine responsible for sending packets to the hypervisor

Answer:

	OVA
	VMX
	VNIC
	VMX