

➤ **Vendor:** Cisco

➤ **Exam Code:** 350-401

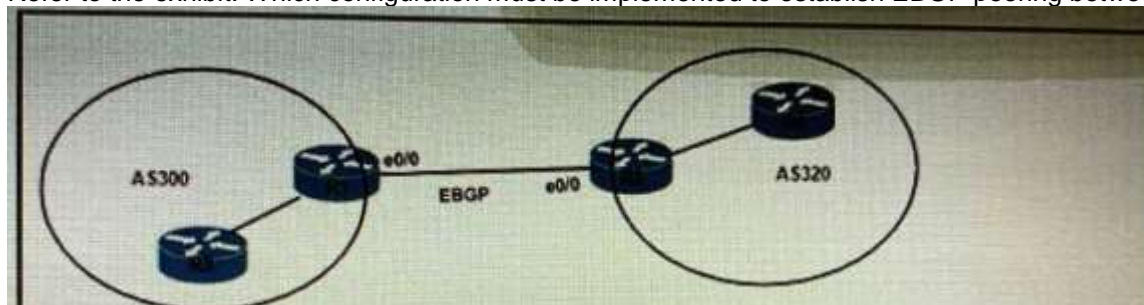
➤ **Exam Name:** Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR)

➤ **New Updated Questions from** [Braindump2go](https://www.braindump2go.com) (Updated in [April/2022](#))

Visit Braindump2go and Download Full Version 350-401 Exam Dumps

QUESTION 735

Refer to the exhibit. Which configuration must be implemented to establish EBGP peering between R1 and R2?



Router R1

```
interface Ethernet0
ip address 131.108.1.1 255.255.255.0
interface Loopback1
ip address 1.1.1.1 255.255.255.255
```

Router R2

```
interface Ethernet0
ip address 131.108.1.2 255.255.255.0
interface Loopback1
ip address 2.2.2.2 255.255.255.255
```

R2#debug ip bgp
BGP debugging is on
R2#
Nov 28 13:25:12: BGP: 131.108.1.11 open active, local address 131.108.1.2
Nov 28 13:25:42: BGP: 131.108.1.11 open failed: Connection timed out;
remote host not responding

R2#debug ip bgp
BGP debugging is on
R2#
Nov 28 13:25:12: BGP: 131.108.1.11 open active, local address 131.108.1.2
Nov 28 13:25:42: BGP: 131.108.1.11 open failed: Connection timed out;
remote host not responding

● R2
router bgp 320
neighbor 131.108.1.1 remote-as 300
R1
router bgp 300
neighbor 131.108.1.2 remote-as 320

● R2
router bgp 320
neighbor 131.108.1.11 remote-as 300
R1
router bgp 300
neighbor 131.108.1.2 remote-as 320

● R2
router bgp 300
neighbor 131.108.1.1 remote-as 320
R1
router bgp 320
neighbor 131.108.1.2 remote-as 300

● R2
router bgp 320
neighbor 1.1.1.1 remote-as 300
R1
router bgp 300
neighbor 2.2.2.2 remote-as 320

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

Answer: A

QUESTION 736

What is one benefit of adopting a data modeling language?

- A. augmenting management process using vendor centric actions around models

[350-401 Exam Dumps](#) [350-401 Exam Questions](#) [350-401 PDF Dumps](#) [350-401 VCE Dumps](#)

<https://www.braindump2go.com/350-401.html>

- B. refactoring vendor and platform specific configurations with widely compatible configurations
- C. augmenting the use of management protocols like SNMP for status subscriptions
- D. deploying machine-friendly codes to manage a high number of devices

Answer: B

QUESTION 737

Refer to the exhibit. Which command set must be added to permit and log all traffic that comes from 172.20.10.1 in interface GigabitEthernet0/1 without impacting the functionality of the access list?

```
Router#show access-lists
Extended IP access list 100
10 permit ip 192.168.0.0 0.0.255.255 any
20 permit ip 172.16.0.0 0.0.15.255 any
```

- ☐ Router(config)#no access-list 100 permit ip 172.16.0.0 0.0.15.255 any
Router(config)#access-list 100 permit ip 172.16.0.0 0.0.15.255 any log
Router(config)#interface GigabitEthernet0/1
Router(config-if)#access-group 100 in
- ☐ Router(config)#access-list 100 seq 5 permit ip host 172.20.10.1 any log
Router(config)#interface GigabitEthernet0/1
Router(config-if)#access-group 100 in
- ☐ Router(config)#ip access-list extended 100
Router(config-ext-nacl)#5 permit ip 172.20.10.0 0.0.0.255 any log
Router(config)#interface GigabitEthernet0/1
Router(config-if)#access-group 100 in
- ☐ Router(config)#access-list 100 permit ip host 172.20.10.1 any log
Router(config)#interface GigabitEthernet0/1
Router(config-if)#access-group 100 in

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

Answer: D

QUESTION 738

Which option must be used to support a WLC with an IPv6 management address and 100 Cisco Aironet 2800 Series access points that will use DHCP to register?

- A. 43
- B. 52
- C. 60
- D. 82

Answer: B

QUESTION 739

An engineer is configuring Local WebAuth on a Cisco Wireless LAN Controller. According to RFC 5737, WHICH VIRTUAL IP address must be used in this configuration?

[350-401 Exam Dumps](#) [350-401 Exam Questions](#) [350-401 PDF Dumps](#) [350-401 VCE Dumps](#)

<https://www.braindump2go.com/350-401.html>

- A. 192.0.2.1
- B. 172.20.10.1
- C. 1.1.1.1
- D. 192.168.0.1

Answer: A

QUESTION 740

By default, which virtual MAC address does HSRP group 32 use?

- A. 00:5e:0c:07:ac:20
- B. 04:18:20:83:2e:32
- C. 05:5e:5c:ac:0c:32
- D. 00:00:0c:07:ac:20

Answer: D

QUESTION 741

What does the number in an NTP stratum level represent?

- A. The number of hops it takes to reach the master time server.
- B. The number of hops it takes to reach the authoritative time source.
- C. The amount of offset between the device clock and true time.
- D. The amount of drift between the device clock and true time.

Answer: B

QUESTION 742

Refer to the exhibit. An engineer entered the command no spanning-tree bpduguard enable on interface Fa 1/0/7. What is the effect of this command on Fa 1/0/7?

```
DSW2#sh spanning-tree vlan 10
VLAN0010
  Spanning tree enabled protocol ieee
  Root ID    Priority    10
            Address     0013.80f9.8880
            Cost        2
            Port        9 (FastEthernet1/0/7)
            Hello Time   2 sec  Max Age 20 sec  Forward Delay 15 sec

  Bridge ID  Priority    4106 (priority 4096 sys-id-ext 10)
            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           Root FWD 2         128.9   P2p
Fa1/0/10          Desg FWD 4         128.12  P2p
Fa1/0/11          Desg FWD 2         128.13  P2p
Fa1/0/12          Desg FWD 2         128.14  P2p

DSW2#
*Mar 3 07:29:24.854: %SPANTRK-2-BLOCK_BPDU GUARD: Received BPDU on port Fa1/0/7
with BPDU Guard enabled. Disabling port.
*Mar 3 07:29:24.854: %PM-4-ERR_DISABLE: bpduguard error detected on Fa1/0/7, put
ting Fa1/0/7 in err-disable state
*Mar 3 07:29:24.879: %SPANTRK-2-BLOCK_BPDU GUARD: Received BPDU on port Fa1/0/7
with BPDU Guard enabled. Disabling port.
*Mar 3 07:29:25.869: %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEtherne
t1/0/7, changed state to down
*Mar 3 07:29:26.884: %LINK-3-UPDOWN: Interface FastEthernet1/0/7, changed state
to down
```

- A. It remains in err-disabled state until the shutdown/no shutdown command is entered in the interface configuration mode.
- B. It remains in err-disabled state until the errdisable recovery cause failed-port-state command is entered in the global configuration mode.
- C. It remains in err-disabled state until the no shutdown command is entered in the interface configuration mode.
- D. It remains in err-disabled state until the spanning-tree portfast bpduguard disable command is entered in the interface configuration mode.

Answer: A

QUESTION 743

Refer to the exhibit. A network administrator configured RSPAN to troubleshoot an issue between switch1 and switch2. The switches are connected using interface GigabitEthernet 1/1. An external packet capture device is connected to switch2 interface GigabitEthernet 1/2.

Which two commands must be added to complete this configuration? (Choose two)

```
switch1(config)# interface GigabitEthernet 1/1
switch1(config-if)# switchport mode trunk
switch1(config-if)# switchport trunk allowed vlan 10,20,30,40,50,60,70-90
switch1(config)# exit
switch1(config)# monitor session 1 source vlan 10
switch1(config)# monitor session 1 destination remote vlan 70

switch2(config)# interface GigabitEthernet 1/1
switch2(config-if)# switchport mode trunk
switch2(config-if)# switchport trunk allowed vlan 10,20,30,40,50,60,80-90
switch2(config)# exit
switch2(config)# monitor session 2 source remote vlan 70
switch2(config)# monitor session 2 destination interface GigabitEthernet1/1
```

- ☐ switch2(config)# monitor session 1 source remote vlan 70
switch2(config)# monitor session 1 destination interface GigabitEthernet1/2
- ☐ switch2(config)# monitor session 1 source remote vlan 70
switch2(config)# monitor session 1 destination interface GigabitEthernet1/1
- ☐ switch1(config)# interface GigabitEthernet 1/1
switch1(config-if)# switchport mode access
switch1(config-if)# switchport access vlan 10
- ☐ switch2(config)# interface GigabitEthernet 1/1
switch2(config-if)# switchport mode access
switch2(config-if)# switchport access vlan 10
- ☐ switch2(config)# monitor session 2 destination vlan 10
- ☐ switch2(config-if)# switchport trunk allowed vlan 10,20,30,40,50,60,70-80

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

Answer: AE

QUESTION 744

How does SSO work with HSRP to minimize network disruptions?

[350-401 Exam Dumps](#) [350-401 Exam Questions](#) [350-401 PDF Dumps](#) [350-401 VCE Dumps](#)

<https://www.braindump2go.com/350-401.html>

- A. It enables HSRP to elect another switch in the group as the active HSRP switch.
- B. It ensures fast failover in the case of link failure.
- C. It enables data forwarding along known routes following a switchover, while the routing protocol reconverges.
- D. It enables HSRP to failover to the standby RP on the same device.

Answer: D

QUESTION 745

Refer to the exhibit. The WLC administrator sees that the controller to which a roaming client associates has Mobility Role Anchor configured under Clients > Detail.

Which type of roaming is supported?



Client Properties		AP Properties	
MAC Address	90:09:ef:06:07:bd	AP Address	172.22.253.20
IP Address	192.168.100.199	AP Name	172.22.253.20
Client Type	Regular	AP Type	Mobile
User Name		WPA Enable	WPA
Port Number	25	Status	Associated
Interface	10aF	Association ID	0
VLAN ID	3602	802.11 Authentication	Open System
LLN Version	Not Supported	Reason Code	1
RF Version	Not Supported	Status Code	0
Mobility Role	Anchor	OF Preamble	Not Implemented
Mobility Peer IP Address	172.22.253.20	OF Poll Request	Not Implemented
Policy Manager	80A	SHORT Preamble	Implemented
State		PRCC	Not Implemented
Management Frame Protection	No	Channel Agility	Not Implemented
uptime (sec)	3719	Timeout	0
Power Save Mode	OFF	WPA State	WPA Enable
Current TxRateGet			
Data RateGet	5.5,11.0,6.0,9.0,12.0,18.0,24.0,36.0,48.0,54.0		

- A. Indirect
- B. Layer 3 intercontroller
- C. Layer 2 intercontroller
- D. Intracontroller

Answer: B

QUESTION 746

What is one characteristic of VXLAN?

- A. It supports a maximum of 4096 VLANs.
- B. It supports multitenant segments.
- C. It uses STP to prevent loops in the underlay network.
- D. It uses the Layer 2 header to transfer packets through the network underlay.

Answer: B

QUESTION 747

In which two ways does the routing protocol OSPF differ from EIGRP? (Choose two.)

- A. OSPF supports an unlimited number of hops. EIGRP supports a maximum of 255 hops.
- B. OSPF provides shorter convergence time than EIGRP.
- C. OSPF is distance vector protocol. EIGRP is a link-state protocol.

[350-401 Exam Dumps](#) [350-401 Exam Questions](#) [350-401 PDF Dumps](#) [350-401 VCE Dumps](#)

<https://www.braindump2go.com/350-401.html>

- D. OSPF supports only equal-cost load balancing. EIGRP supports unequal-cost load balancing.
- E. OSPF supports unequal-cost load balancing. EIGRP supports only equal-cost load balancing.

Answer: AD

QUESTION 748

Refer to the exhibit. Traffic is not passing between SW1 and SW2. Which action fixes the issue?

```

S1# 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 (SD)        -         Fa0/1 (D) Fa0/2 (D)

S1# show run | begin interface port-channel
interface Port-channel1
 switchport mode trunk
|
interface FastEthernet0/1
 switchport mode trunk
 channel-group 1 mode on
|
interface FastEthernet0/2
 switchport mode trunk
 channel-group 1 mode on
|
<Output omitted>

S2# show run | begin interface port-channel
interface Port-channel1
 switchport mode trunk
|
interface FastEthernet0/1
 switchport mode trunk
 channel-group 1 mode desirable
|
interface FastEthernet0/2
 switchport mode trunk
 channel-group 1 mode desirable
|
<Output omitted>

```

- A. Configure LACP mode on S1 to passive.
- B. Configure switch port mode to ISL on S2.
- C. Configure PAgP mode on S1 to desirable.
- D. Configure LACP mode on S1 to active.

Answer: C

QUESTION 749

Which tool is used in Cisco DNA Center to build generic configurations that are able to be applied on device with similar network settings?

- A. Command Runner
- B. Template Editor
- C. Application Policies
- D. Authentication Template

Answer: B

QUESTION 750

Which router is elected the IGMP Querier when more than one router is in the same LAN segment?

- A. The router with the shortest uptime
- B. The router with the lowest IP address

- C. The router with the highest IP address
- D. The router with the longest uptime

Answer: B

QUESTION 751

An engineer must configure a new WLAN that allows a user to enter a passphrase and provides forward secrecy as a security measure. Which Layer 2 WLAN configuration is required on the Cisco WLC?

- A. WPA2 Personal
- B. WPA3 Enterprise
- C. WPA3 Personal
- D. WPA2 Enterprise

Answer: C

QUESTION 752

In Cisco DNA Center, what is the integration API?

- A. southbound consumer-facing RESTful API, which enables network discovery and configuration management
- B. westbound interface, which allows the exchange of data to be used by ITSM, IPAM and reporting
- C. an interface between the controller and the network devices, which enables network discovery and configuration management
- D. northbound consumer-facing RESTful API, which enables network discovery and configuration management

Answer: B

QUESTION 753

A customer wants to connect a device to an autonomous Cisco AP configured as a WGB. The WGB is configured properly; however, it fails to associate to a CAPWAP-enabled AP.

Which change must be applied in the advanced WLAN settings to resolve this issue?

- A. Enable Aironet IE.
- B. Enable passive client.
- C. Disable AAA override.
- D. Disable FlexConnect local switching.

Answer: A