

➤ **Vendor: Cisco**

➤ **Exam Code: 300-410**

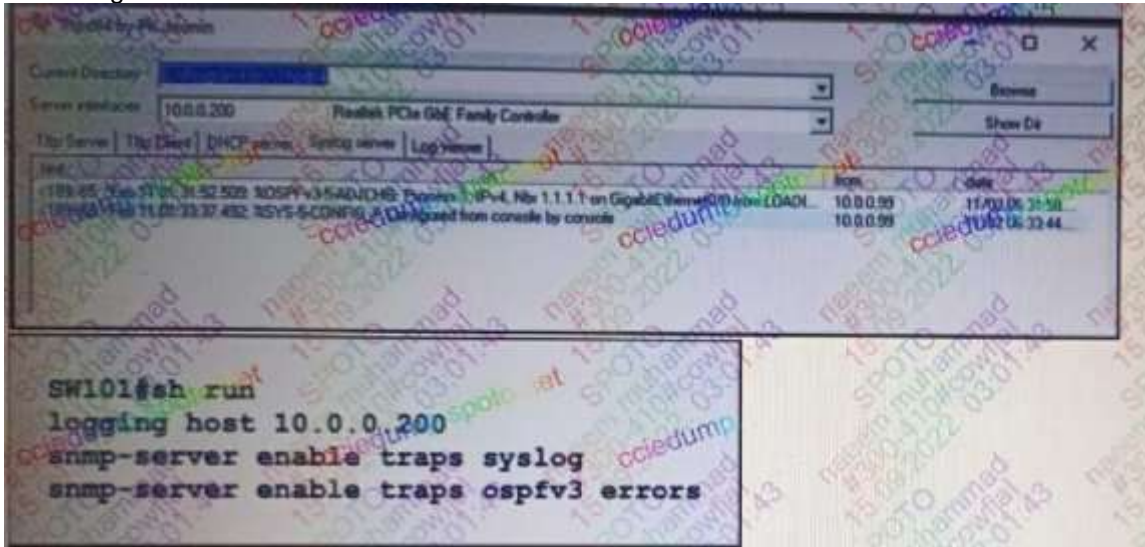
➤ **Exam Name:** Implementing Cisco Enterprise Advanced Routing and Services (ENARSI)

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QUESTION 426

Refer to the exhibit. An engineer configures SW101 to send OSPFv3 interfaces state change messages to the server. However, only some OSPFv3 errors are being recorded. Which organization resolves the issue?



- A. snmp-server enable traps ospfv3 state-change if-state-change
B. snmp-server enable traps ospfv3 state-change restart-status-change
C. snmp-server enable traps ospfv3 state-change neighbor-state-change.
D. snmp-server enable traps ospfv3 state-change if-state-change neighbor-state-change

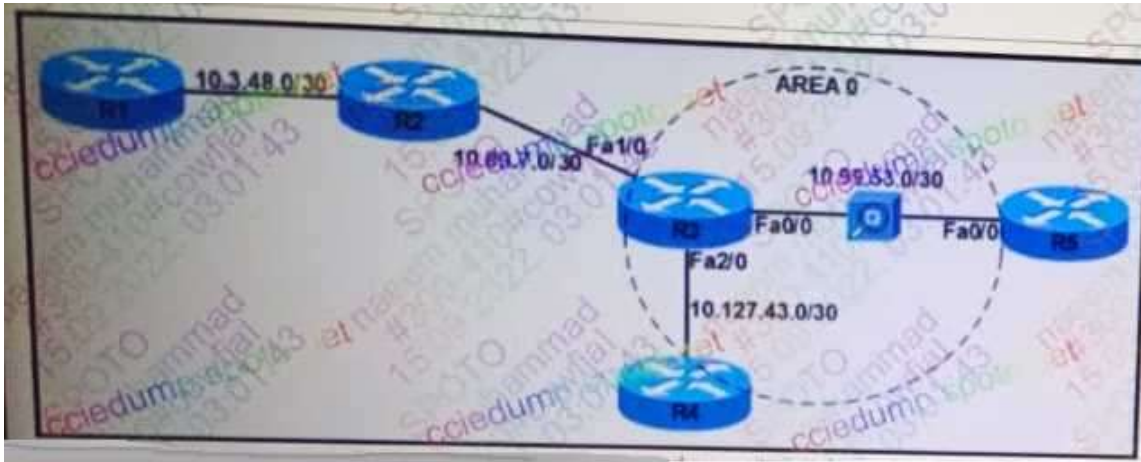
Answer: D

QUESTION 427

Refer to the exhibit. The security department recently installed a monitoring device between routers R3 and R5, which a loss of network connectivity for users connected to R5. Troubleshooting revealed that the monitoring device cannot forward multicast packets. The team already updated R5 with the correct configuration. Which configuration must be implemented on R3 to resolve the problem by ensuring R3 as the DR for the R3-R5 segment?

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A.

```

interface FastEthernet0/0
ip address 10.99.53.1 255.255.255.252
ip access-group 122 in
ip ospf network point-to-point
ip ospf priority 100

router ospf 10
router-id 10.10.3.255
network 10.99.53.0 0.0.0.3 area 0
neighbor 10.99.53.2

access-list 122 permit 89 host 10.99.53.2 host 10.99.53.1
access-list 122 deny 89 any any

```

B.

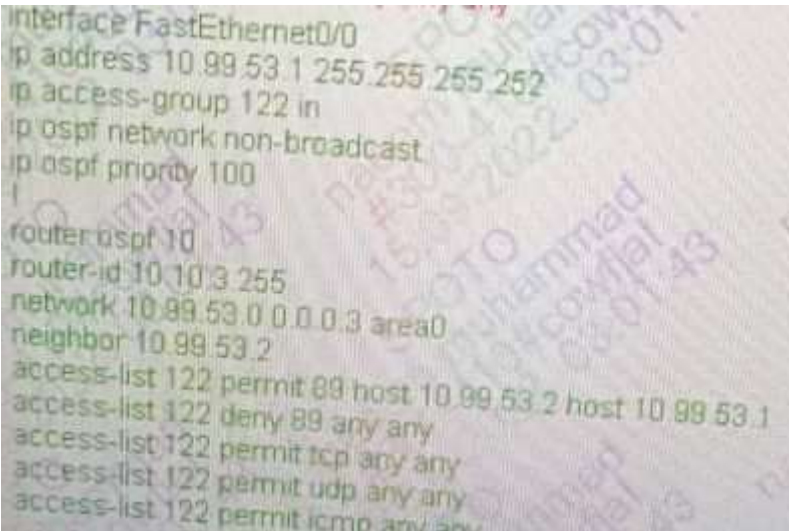
```

interface FastEthernet0/0
ip address 10.99.53.1 255.255.255.252
ip access-group 122 in
ip ospf network non-broadcast
ip ospf priority 0

router ospf 10
router-id 10.10.3.255
network 10.99.53.0 0.0.0.3 area 0
neighbor 10.99.53.2

access-list 122 permit 89 host 10.99.53.2 host 10.99.53.1
access-list 122 deny 89 any any
access-list 122 permit tcp any any
access-list 122 permit udp any any
access-list 122 permit icmp any any

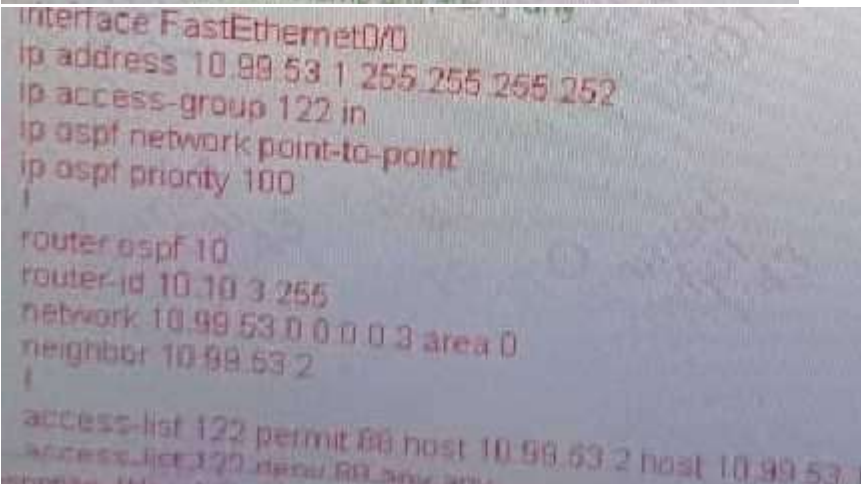
```

C. 

```

interface FastEthernet0/0
ip address 10.99.53.1 255.255.255.252
ip access-group 122 in
ip ospf network non-broadcast
ip ospf priority 100
!
router ospf 10
router-id 10.10.3.255
network 10.99.53.0 0.0.0.3 area 0
neighbor 10.99.53.2
access-list 122 permit 89 host 10.99.53.2 host 10.99.53.1
access-list 122 deny 89 any any
access-list 122 permit tcp any any
access-list 122 permit udp any any
access-list 122 permit icmp any any

```

D. 

```

interface FastEthernet0/0
ip address 10.99.53.1 255.255.255.252
ip access-group 122 in
ip ospf network point-to-point
ip ospf priority 100
!
router ospf 10
router-id 10.10.3.255
network 10.99.53.0 0.0.0.3 area 0
neighbor 10.99.53.2
access-list 122 permit 89 host 10.99.53.2 host 10.99.53.1
access-list 122 deny 89 any any

```

Answer: C

QUESTION 428

The network administrator must implement IPv6 in the network to allow only devices that not only have registered IP addresses but are also connecting from assigned locations. Which security feature must be implemented?

- A. IPv6 Snooping
- B. IPv6 Destination Guard
- C. IPv6 Prefix Guard
- D. IPv6 Router Advertisement Guard

Answer: A

QUESTION 429

What must be configured by the network engineer to circumvent AS_PATH prevention mechanism in IP/VPN Hub and Spoke deployment scenarios?

- A. Use allows in and as-override at all Pes.
- B. Use allows in and as-override at the PE-Hub.
- C. Use Allowas-in the PE_Hub
- D. Use as-override at the PE_Hub

Answer: D

QUESTION 430

A network engineer must configure a DMVPN network so that a spoke establishes a direct path to another spoke if the two must send traffic to each other. A spoke must send traffic directly to the hub if required. Which configuration meets this requirement?

A.

```
At the hub router
interface tunnel10
ip nhrp nhs multicast dynamic
ip nhrp redirect
tunnel mode gre multipoint

On the spokes router
interface tunnel10
ip nhrp nhs multicast dynamic
ip nhrp shortcut
tunnel mode gre multipoint
```

B.

```
At the hub router
interface tunnel10
ip nhrp nhs dynamic multipoint
ip nhrp nhs shortcut
tunnel mode gre multicast

On the spokes router
interface tunnel10
ip nhrp nhs multicast dynamic
ip nhrp nhs redirect
tunnel mode gre multipoint
```

C.

```
At the hub router
interface tunnel10
ip nhrp nhs multicast dynamic
ip nhrp nhs shortcut
tunnel mode gre multipoint

On the spokes router
interface tunnel10
ip nhrp nhs multicast dynamic
ip nhrp nhs redirect
tunnel mode gre multipoint
```

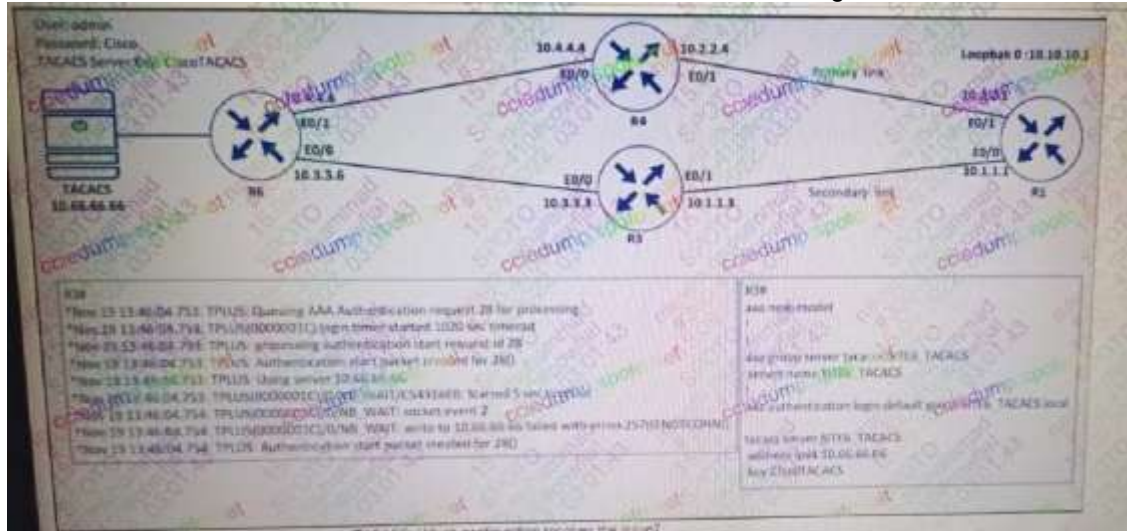
D.

```
At the hub router
interface tunnel10
ip nhrp nhs multicast multipoint
ip nhrp redirect
tunnel mode gre multicast
spanning-tree [None] (incorrect)
```

Answer: A

QUESTION 431

Refer to the exhibit. R3 cannot authenticate via TACACS. Which configuration resolves the issue?



- A. `tacacs server SITE6_TACACS
key CiscoTACACS`
- B. `tacacs server SITE6_TACACS
address ipv4 10.66.66.66
key CiscoTACACS`
- C. `tacacs server SITE6_TACACS
address ipv4 10.60.66.66
key CiscoTACACS`
- D. `tacacs server SITE6_TACACS
key CiscoTACACS`

Answer: A

QUESTION 432

Refer to the exhibit. An administrator must configure the router with OSPF for IPv4 and IPv6 networks under a single process. The OSPF adjacencies are not established and did not meet the requirement. Which action resolves the issue?

```
router ospfv3 1
router-id 10.1.1.1
address-family ipv4 unicast
passive-interface Loopback0
exit-address-family
address-family ipv6 unicast
passive-interface Loopback0
exit-address-family
interface Loopback0
ip address 10.1.1.1 255.255.255.255
ipv6 address 2001:DB8::1/64
ospfv3 10 ipv4 area 10
ospfv3 10 ipv6 area 0
interface GigabitEthernet2
ip address 10.10.10.1 255.255.255.0
ipv6 enable
ospfv3 10 ipv4 area 10
ospfv3 10 ipv6 area 0
```

- A. Replace OSPF process 10 on the interface with OSPF process 1, and configure an additional router ID with IPv6 address.
- B. Replace OSPF process 10 on the interface with OSPF process 1, for the VpV6 address and remove process route ID with IPv6 address.
- C. Replace OSPF process 10 on the interface with OSPF process 1, and remove process 10 from the global configuration.
- D. Replace OSPF process 10 on the interface with OSPF process 1 for the IPv4 address, and remove process 10 from the global configuration.

Answer: C

QUESTION 433

The summary route is not shown in the Router_B routing table after this below configuration on Router_A:

```
interface ethernet0
ip address 192.168.3.1 255.255.255.0
ip summary-address eigrp 1 172.16.80.0 255.255.240.0
```

Which Router_A configuration resolves the issue by advertising the summary route to Route_B?

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- A. `interface loopback 0
ip address 172.16.96.1 255.255.255.0
interface Ethernet 0
ip address 192.168.3.1 255.255.255.0
ip summary-address eigrp 1 172.16.80.0 255.255.240.0`
- B. `interface loopback 0
ip address 172.16.81.1 255.255.255.0
interface Ethernet 0
ip address 192.168.3.1 255.255.255.0
ip summary-address eigrp 1 172.16.80.0 255.255.240.0`
- C. `interface loopback 0
ip address 172.16.79.1 255.255.255.0
interface Ethernet 0
ip address 192.168.3.1 255.255.255.0
ip summary-address eigrp 1 172.16.80.0 255.255.240.0`
- D. `interface loopback 0
ip address 172.16.81.1 255.255.255.0
interface Ethernet 0
ip address 192.168.3.1 255.255.255.0
ip summary-address eigrp 1 172.16.80.0 255.255.240.0`

Answer: D

QUESTION 434

How do devices operate in MPLS L3VPN topology?

- A. P and associated PE routers with IGP populate the VRF table in different VPNs.
- B. CE routers connect to the provider network and perform LSP functionality
- C. P routers provide connectivity between PE devices with MPLS switching.
- D. P routers support PE to PE VPN tunnel without LSP functionality

Answer: C