300-410Q&As

Implementing Cisco Enterprise Advanced Routing and Services (ENARSI) (Include 2023 Newest Simulation Labs)

Pass Cisco 300-410 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.geekcert.com/300-410.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Cisco Official Exam Center

QUESTION 1

Yesterday one of your associates made some change to the syslog configuration on the router R69. Today, while working on the router you received this syslog message:

000019: %SYS-5-CONFIG_I: Configured from console by vty2 (10.34.195.36)

Based on this output, which of the following commands did the associate execute?

A. service sequence-numbers

B. service timestamps log

C. service timestamps log datetime msec

D. logging console 4

Correct Answer: A

The associate must have executed the service sequence-numbers command during his changes. This command instructs the syslog system to add a sequence number to each message, which can help to organize a timeline when messages are sent to a syslog server from various sources.

The associate could not have executed the service timestamps log command. This command enables time stamps on log messages, showing the time since the system was rebooted. If this had been done, a time stamp similar to the following would have been added to the message:

*Mar 1 18:46:11: %SYS-5-CONFIG_I: Configured from console by vty2 (10.34.195.36)

The associate could not have executed the service timestamps log datetime msec command. This command enables time stamps on log messages, showing the time since the system was rebooted in milliseconds. If this had been done, a

time stamp similar to the following would have been added to the message:

*Mar 1 18:46:11:058 %SYS-5-CONFIG_I: Configured from console by vty2 (10.34.195.36)

The associate could not have executed the logging console 4 command. This command instructs the syslog system to only display messages of levels 4, 3, 2 and 1 in severity. Since the message displayed is a level 5 message, this

command could not have been executed.

Objective:

Infrastructure Services

Sub-Objective:

Configure and verify logging

References:

Cisco > Catalyst 4500 Series Switch Software Configuration Guide, IOS XE 3.7.0E and IOS 15.2(3) > Configuring

System Message Logging > System Log Message Format

QUESTION 2

Unicast Reverse Path Forwarding (uRPF) has been configured on a service provider network to protect itself from spoofed based attacks. Which of the following are valid uRPF modes? (Choose two.)

A. Strict mode

B. Open mode

C. Closed mode

D. Block mode

E. Loose mode

Correct Answer: AE

QUESTION 3

Refer to the exhibit. The R2 loopback interface is advertised with RIP and EIGRP using default values. Which configuration changes make R1 reach the R2 loopback using RIP?

```
R1#sh ip route
Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2
       i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
       ia - IS-IS inter area, * - candidate default, U - per-user static route
       o - ODR, P - periodic downloaded static route, H - NHRP, l - LISP
       a - application route
       + - replicated route, % - next hop override, p - overrides from PfR

Gateway of last resort is not set

D     10.0.0.0/8 [90/409600] via 172.16.1.200, 00:00:28, Ethernet0/0
      172.16.0.0/16 is variably subnetted, 2 subnets, 2 masks
C        172.16.1.0/24 is directly connected, Ethernet0/0
L        172.16.1.100/32 is directly connected, Ethernet0/0
      192.168.1.0/24 is variably subnetted, 2 subnets, 2 masks
C        192.168.1.0/24 is directly connected, Loopback0
L        192.168.1.100/32 is directly connected, Loopback0
R1#
```

A. R1(config)# router rip R1(config-router)# distance 90

B. R1(config)# router rip R1(config-router)# distance 100

C. R1(config)# router eigrp 1 R1(config-router)# distance eigrp 130 120

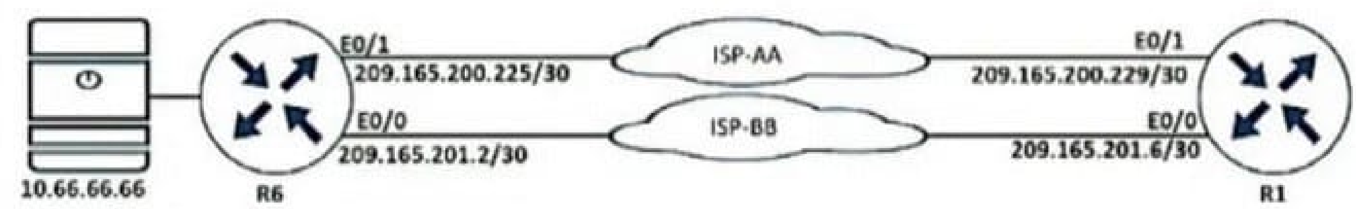
D. R1(config)# router eigrp 1 R1(config-router)# distance eigrp 120 120

Correct Answer: C

distance (AD Number u want to change to) (neighbor IP) (Wildcard Mask) (access-list number)

QUESTION 4

Refer to the exhibit. R1 is configured with IP SLA to check the availability of the server behind R6 but it kept failing. Which configuration resolves the issue?




```
R1#
ip route 10.66.66.0 255.255.255.0 10.2.2.4 track 700
ip route 10.66.66.0 255.255.255.0 10.1.1.3 20
!
track 700 ip sla 700
!
ip sla 700
 icmp-echo 10.66.66.66 source-ip 10.10.10.1
 threshold 100
 frequency 5
ip sla schedule 700 life forever start-time now
```

```
R1#
*Nov 18 15:38:59.956: track-sta (700) Change #8 ip sla 700, state Up->Down
*Nov 18 15:38:59.956: %TRACK-6-STATE: 700 ip sla 700 state Up -> Down
*Nov 18 15:38:59.956: track-sta (700) ip sla 700 state Up -> Down
*Nov 18 15:38:59.956: track-que (700) Queuing CHANGED client event for Static IP Routing
*Nov 18 15:38:59.956: track-que (700) Unqueuing CHANGED client event for Static IP Routing
*Nov 18 15:39:04.965: track-sta (700) Change #9 ip sla 700, state Down->Up
*Nov 18 15:39:04.965: %TRACK-6-STATE: 700 ip sla 700 state Down -> Up
*Nov 18 15:39:04.965: track-sta (700) ip sla 700 state Down -> Up
*Nov 18 15:39:04.965: track-que (700) Queuing CHANGED client event for Static IP Routing
*Nov 18 15:39:04.966: track-que (700) Unqueuing CHANGED client event for Static IP Routing
```

```
R1#sh ip sla su
IPSLAs Latest Operation Summary
Codes: * active, ^ inactive, ~ pending

ID      Type       Destination   Stats   Return   Last
                          (ms)   Code    Run
-----------------------------------------------------------
*700    icmp-echo  10.66.66.66   RTT=1   OK       4 seconds ago
```

A. R1(config)# ip sla 700 R1(config-track)# delay down 30 up 20

B. R1(config)# ip sla 700 R1(config-track)# delay down 20 up 30

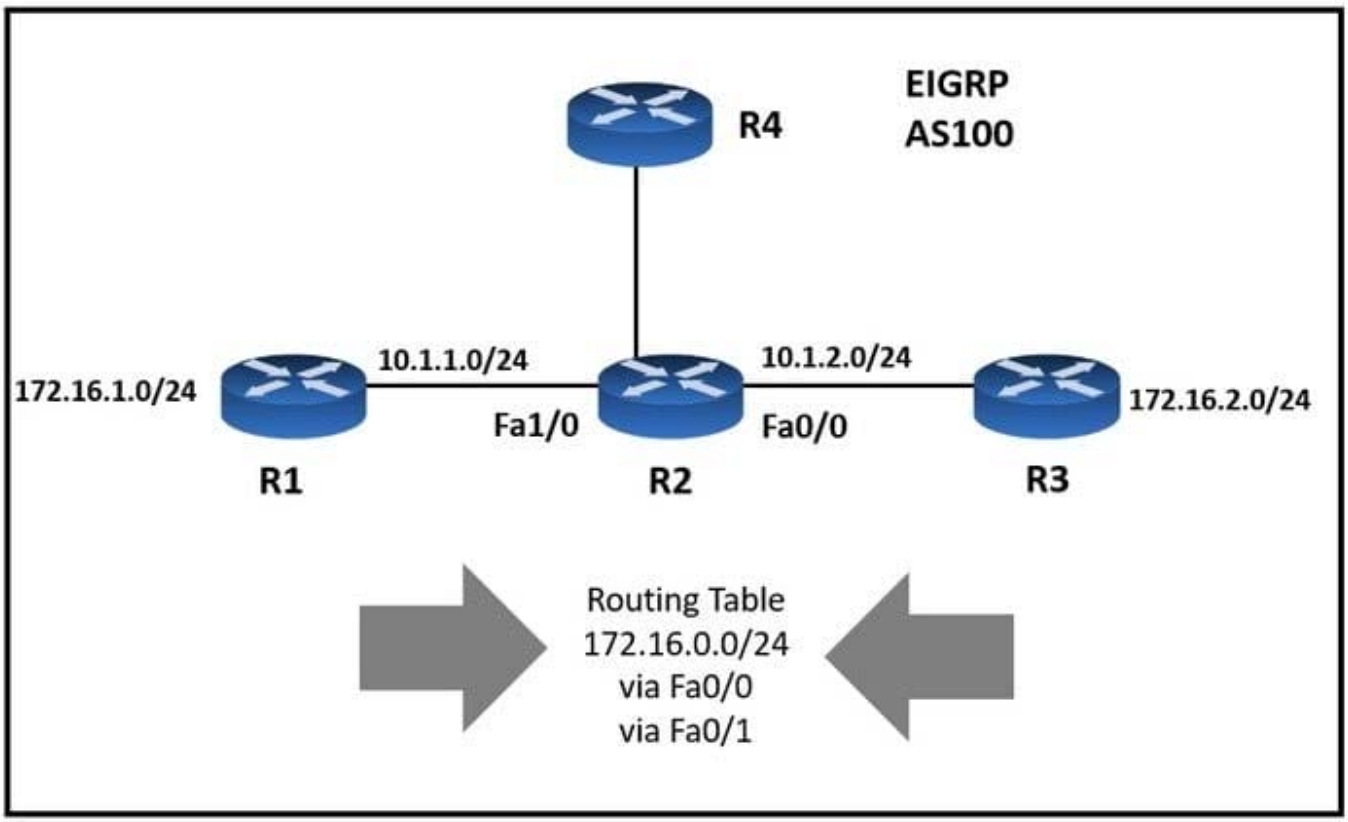
C. R1(config)# track 700 ip sla 700 R1(config-track)# delay down 30 up 20

D. R1(config)# track 700 ip sla 700 R1(config-track)# delay down 20 up 30

Correct Answer: C

QUESTION 5

Refer to the exhibit.



R4 is experiencing packet drop when trying to reach 172.16.2.7 behind R2. Which action resolves the issue?

A. Insert a /24 floating static route on R2 toward R3 with metric 254.

B. Disable auto summarization on R2.

C. Insert a /16 floating static route on R2 toward R3 with metric 254.

D. Enable auto summarization on all three routers R1, R2, and R3.

Correct Answer: B