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642-770

Operational Foundations for Cisco Service
Provider Core Networks

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QUESTION NO: 1

Which two-stage configuration process is correct in Cisco IOS XR Software?

- A. Enter configuration mode, then make configuration changes.
- B. Make configuration changes, then enter "commit" to make configuration changes persist.
- C. Make configuration changes, then enter "copy run start" to make configuration changes persist.
- D. Enter admin mode, then make configuration changes.

Answer: B

Explanation:

QUESTION NO: 2

Which command displays the target configuration in Cisco IOS XR Software?

- A. show config
- B. show running-config
- C. show config running
- D. show config merge

Answer: A

Explanation:

QUESTION NO: 3

What will happen if a new version of Cisco IOS XR Software is installed and activated, and then the router reloads?

- A. When the router comes back, the new version is loaded and the old and new versions are on disk0.
- B. When the router comes back, the new version is loaded and only the new version is on disk0.
- C. When the router comes back, the old version is loaded and the old and new versions are on disk0.
- D. When the router comes back, the old version is loaded and only the old version is on disk0.

Answer: C

Explanation:

QUESTION NO: 4

When is it appropriate to use the commit replace command?

- A. When you want to replace the existing configuration for an ipv4 address on an interface.
- B. When you want to replace all configurations under router ospf.
- C. When you want to replace the entire running configuration with the target configuration.
- D. The commit replace command does the same as the commit command.

Answer: C

Explanation:

QUESTION NO: 5

Refer to the exhibit.

```
control-plane
management-plane
inband
interface GigabitEthernet0/2/0/0
allow Telnet
allow SNMP peer
address ipv4 192.168.0.0/16
interface GigabitEthernet0/2/0/1
allow SSH peer
address ipv4 192.168.0.0/16
allow Telnet
```

If all else are good, where could the problem be if a user in the 192.168.0.0/16 subnet reports that they are not able to connect to the router using Telnet?

- A. MPP should be configured as out-of-band.
- B. Interface GigabitEthernet0/2/0/1 should allow 192.168.0.0/16 address space when using Telnet.
- C. Telnet traffic is going through other interfaces that are not configured in MPP.
- D. Interface GigabitEthernet0/2/0/0 should allow 192.168.0.0/16 address space.

E. SNMP peer is not configured to "allow" on interface GigabitEthernet0/2/0/1 which prohibits Telnet

Answer: C

Explanation:

QUESTION NO: 6

At which SONET layer would you expect to see B3 errors?

- A. physical
- B. segment
- C. line
- D. path

Answer: D

Explanation:

QUESTION NO: 7

What is a common cause of increasing NEWPTR errors on a POS interface?

- A. dirty fiber
- B. incorrect timing
- C. Tx and Rx swapped
- D. wrong fiber type

Answer: B

Explanation:

QUESTION NO: 8

What is the range of DLCIs that are available for subscribers to configure on a Cisco IOS Frame Relay subinterface?

- A. 0-1024
- B. 1-2048
- C. 0-991