

Cisco 642-770

**Operational Foundations for Cisco Service Provider
Core Networks (OFCN)
Version: 5.1**

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

D. 16-1007

Answer: D

Explanation:

QUESTION NO: 9

What is the acronym commonly used to identify a prearranged agreement between a service team and an external service provider?

- A. SLA
- B. OLA
- C. UC
- D. SLM
- E. CICS

Answer: C

Explanation:

QUESTION NO: 10

According to the ITIL® v3 framework, a change that has an "approved" status has met which criteria?

- A. The lab testing and operational assessments have been completed, and the change has been approved and committed to the change scheduler.
- B. The operational testing and technical assessments have been completed, and the change has been approved and committed to the change scheduler.
- C. The business and technical assessments have been completed, and the change has been approved and committed to the change scheduler.
- D. The lab testing and technical assessments have been completed, and the change has been approved but is not yet committed to the change scheduler.

Answer: C

Explanation:

QUESTION NO: 11

What is the primary purpose of the change approval process?

- A. provide a common forum for users and the technical community
- B. achieve continuous improvement in the change control process
- C. assess and mitigate risk
- D. knowledge capture and documentation accuracy

Answer: C

Explanation:

QUESTION NO: 12

What do you call a process that collects and compiles a series of measurements, taken at regular intervals that are representative of a current status and health of the network?

- A. trend analysis
- B. baselining
- C. exception reporting
- D. SNMP monitoring

Answer: B

Explanation:

QUESTION NO: 13

According to the ITIL® v3 framework, what is the primary purpose of knowledge management?

- A. to gather, analyze, store, and share knowledge and information within an organization
- B. to maintain information about the configuration items needed to deliver a service
- C. to improve efficiency by reducing the need to rediscover knowledge
- D. to track problems

Answer: C

Explanation:

QUESTION NO: 14

According to the ITIL® v3 framework, which service transition process is responsible for planning and coordinating the resources to deploy a major release within predicted cost, time, and quality estimates?

- A. change management
- B. transition planning and support
- C. release and deployment management
- D. service validation and testing
- E. knowledge management
- F. transition architecture and engineering

Answer: B

Explanation:

QUESTION NO: 15

You have just solved a troublesome network event. From a troubleshooting perspective, what is your next step?

- A. Secure the device you performed the change on.
- B. Document the problem and what you did to correct it.
- C. Close the ticket.
- D. Notify the service desk.

Answer: B

Explanation:

QUESTION NO: 16

What is the best way to mitigate a problem using any process or troubleshooting method?

- A. Always start with an accurate description of the problem and as much supporting information as possible.
- B. Always use a divide and conquer approach to eliminate possibilities until you reach the correct solution.
- C. Be proactive, identify problems and remedy them before you have to troubleshoot them.
- D. Always have a positive approach.

Answer: C

Explanation:

QUESTION NO: 17

You need to add a new DNS server to your Linux server. Where would you have to add the new DNS entry in the operating system?

- A. /etc/hosts
- B. /etc/hosts.conf
- C. /etc/sysconfig/network
- D. /etc/nsswitch.conf
- E. /etc/dns.conf
- F. /etc/resolv.conf

Answer: F

Explanation:

QUESTION NO: 18

You are troubleshooting a P1 outage and need to capture traffic between your Cisco core and data center switches. What must be enabled before the capture of packets can be done?

- A. portspan
- B. capture port
- C. spanport
- D. snoop port
- E. portsnoop

Answer: C

Explanation:

QUESTION NO: 19

You are troubleshooting a DNS problem and need to capture and analyze UDP packets on an IBM server running AIX 6.1 software.

Which built-in utility can you use to capture and view packets that enter and exit this server?

- A. tcpdump
- B. udpdump
- C. snoop
- D. sniff
- E. capture
- F. Wireshark