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