Exam Questions 642-770
Operational Foundations for Cisco Service Provider Core Networks (OFCN)
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

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

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

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

5. Refer to the exhibit.
   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

6. At which SONET layer would you expect to see B3 errors?
   A. physical
   B. segment
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

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

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

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

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

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

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

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

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
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