Vendor: CISCO

Exam Code: 642-770

Exam Name: Operational Foundations for Cisco Service Provider Core Networks (OFCN)

Version: DEMO
QUESTION 1
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 an.
B. Document the problem and what you did to correct it.
C. Close the ticket.
D. Notify the service desk.

Answer: B

QUESTION 2
Which command could be used to verify that the software upgrade change was completed properly on a Cisco IOS router?

A. show software version
B. show version
C. show disk
D. show target configuration
E. show upgrade complete

Answer: B

QUESTION 3
What are two valid reasons to upgrade Cisco IOS XR Software? (Choose two.)

A. A few software bugs that have no service impact.
B. There are no rules for this device in the policy table.
C. A new line card needs to be added, and it is not supported in the current installed release.
D. Current bandwidth utilization is poor, and bandwidth efficiency needs to be increased.
E. Already running BGP, and need a specific BGP feature that is not supported in current installed release.

Answer: CD

QUESTION 4
A router in your network has been reporting threshold crossing alarms over the past few weeks. Investigation into these alarms has not yielded a specific cause and end users attached to the device have not complained about access to services or their performance. What is most the most likely reason for these threshold crossing alarms?

A. It is an intermittent problem and will be very difficult to troubleshoot.
B. It is likely that a hardware problem will reveal itself when the hardware degrades future.
C. It is likely that the threshold setting that is alarming is too low for this particularly platform its particularly situation.
D. It is likely a software or firmware problem and will fix itself in a future upgrade.

Answer: C
QUESTION 5
Which three areas could be impacted by a change in the network environment? (Chose three)

A. as-built network documentation  
B. disaster recovery plan  
C. critical success factors  
D. service level agreements  
E. network management KPI

Answer: ABD

QUESTION 6
According to Cisco IOS Management Best Practices, which three attribute should be fulfilled in the Device Naming Convention? (Choose three)

A. identify the device  
B. name the device  
C. device type  
D. device location  
E. device hierarchy

Answer: ACD

QUESTION 7
What are the primary areas of analysis in measuring network performance? (Choose four)

A. traffic trend analysis  
B. service take-up trend analysis  
C. NetFlow analysis  
D. Change rate analysis  
E. incident rate analysis  
F. syslog analysis

Answer: ABDE

QUESTION 8
According ITIL v3 framework, what is the objective of the release and deployment process?

A. reduce unpredicted impact in the production services  
B. ensure releases are deployed on time  
C. reduce network outages  
D. ensure that devices are configured appropriately

Answer: A

QUESTION 9
Cisco IOS XR Software was designed with three partitions or separate planes. Which are the three planes?
A. control, data, and management  
B. application, data, and management  
C. control, services, and management  
D. application, services, and data  
E. data, services, and control  

Answer: A

QUESTION 10
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/resolv.conf  

Answer: E

QUESTION 11
Which management process flow includes these elements?
- perform planned or unplanned upgrades
- install or configure network devices
- execute NRFU or operational validation tests
- set QOS policies and mechanisms

A. incident management  
B. configuration management  
C. change management  
D. performance management

Answer: C

QUESTION 12
According to the ITTUS v3 framework, which event status is given the highest priority?

A. warning  
B. information  
C. exception  
D. critical

Answer: C

QUESTION 13
Which native Solaris utility can be used to capture packet flaw data entering and exiting the network interface?

A. pcap
QUESTION 14
Two of the core routers are not able to establish routing protocol adjacency with each other. To best effectively troubleshoot this issue, which four things should be verify? (Choose four)

A. The routers interface link that provides connectivity between the two routers is in the UP state.
B. The routing protocol configurations an each router match (such as routing protocol timers and routing protocol authentication).
C. NTP is configured an both routers and the clocks are synchronized between the two routers.
D. The two routers can ping each other.
E. If a firewall exists in the path between the two routers, it is properly configured.
F. The MPLS (LDP) adjacency is up between the two routers.

Answer: ABDE

QUESTION 15
How are unauthorized devices installed in the network identified?

A. by running change management reports
B. by generating incident management reports
C. by generating service asset and configuration reports
D. by generating service level reports

Answer: C

QUESTION 16
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

QUESTION 17
You have just completed a comprehensive study of the traffic patterns in your network. As you review the results, you discover a remote office that has had any particular problems. However, the volume of voice quality related tickets has increased in the last two weeks. Which two
possible causes would the traffic study show? (Choose two)

A. The route to this office is suboptimal and during peak traffic may cause a delay in packet delivery
B. The circuit to this office has excessive errored seconds continuously through the day
C. The circuit to this office is significantly oversubscribed
D. QoS is missing from the circuit configuration to this site.
E. The circuit to this location experiences brief periods of congestion and excessive retransmits during these periods

Answer: AD

QUESTION 18
Which two statements about process in Cisco IOS and IOS XR Software are true? (Choose two)

A. In Cisco IOS Software, a higher priority process can interrupt.
B. In Cisco IOS XR Software, a process failure could corrupt another process’s memory space.
C. In Cisco IOS XR Software, the default priority is 10.
D. In Cisco IOS Software, all processes share the same virtual space.
E. In Cisco IOS XR Software, all processes share the same virtual space.

Answer: CD

QUESTION 19
What do you call a process that collects and compiles a series of measurements, taken at regular intervals that representative of a current status and health of the network?

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

Answer: B

QUESTION 20
According to the ITIL v3 framework, which two options are the goals of configuration managements? (Choose two)

A. optimize service assets and capabilities
B. optimize service levels
C. minimize compliance issues
D. minimize incident management

Answer: AC