Vendor: Cisco

Exam Code: 642-770

Exam Name: Operational Foundations for Cisco Service Provider Core Networks

Version: Demo

QUESTION NO: 1

According to the ITIL® v3 framework, which four categories are used to prioritize a Request

for Change? (Choose four.)

A. standard
B. immediate (emergency)
C. medium
D. high
E. intermediate
F. low

Answer: B,C,D,F
Explanation:

QUESTION NO: 2

Which two opportunities for improvement are realized by trending the metrics for the total number

of trouble tickets by severity per period (total and by support queue)? (Choose two.)

A. better incident resource allocation
B. collection of information relating to the incidents for higher-tier analysis
C. understanding the effects of the incident management process improvements
D. identifying the rate of change

Answer: A,C
Explanation:

QUESTION NO: 3

According to the ITIL® v3 framework, which four measurements or measurement modifications
can contribute to improvement opportunities in traffic patterns or threshold crossing
alarms?   (Choose four.)

A. Implementing hold-down timers on specific alerts that more accurately reflect the impact of an
event on performance.
B. Identify service take-up trends in monitoring network traffic to determine the adoption and

growth of services offered across the network.
C. Evaluate the impact the rate of incidents have on change.
D. Evaluate the impact the rate of incidents have on performance.
E. Evaluate the impact the rate of change has on performance.
F. Evaluate the impact the rate of configuration item inconsistencies have on change.

Answer: A,B,D,E
Explanation:

QUESTION NO: 4

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 not 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: A,D
Explanation:

QUESTION NO: 5

What are the three most important concepts to remember about successful troubleshooting?

(Choose three.)

A. The best troubleshooters are born with a "gut" feel for solving problems.
B. The network system you are troubleshooting must be well defined with knowledge and documentation.
C. Network engineers that are effective troubleshooters succeed because of their ability to use diagnostic systems and software.
D. The most successful troubleshooters develop a process, use it consistently, and constantly improve its effectiveness.
E. Divide and conquer. Do not try to fix it, but narrow it down to its root cause.

Answer: B,D,E
Explanation:

QUESTION NO: 6

Which four common tools are used to troubleshoot networks using the Operations, Administration, and Maintenance methodology? (Choose four.)

A. ping
B. bash
C. traceroute
D. nslookup
E. pong
F. snoop

Answer: A,C,D,F
Explanation:

QUESTION NO: 7

Which two are benefits of proactive network maintenance? (Choose two.)

A. gives an opportunity to prevent an outage
B. gives an opportunity to resolve network incidents
C. gives an opportunity to reduce change incidents
D. gives an opportunity to update network devices

Answer: A,D
Explanation:

QUESTION NO: 8

Which four methods are used to notify operations that a parameter has exceeded a predetermined baseline value? (Choose four.)

A. SNMP trap
B. LEDs on processor
C. threshold crossing alert

D. syslog message
E. configuration snapshot
F. console alarm
G. LEDs on line cards

Answer: A,C,D,F
Explanation:

QUESTION NO: 9 DRAG DROP

When troubleshooting NMS issues, you notice that a firewall in the network is blocking the UDP ports listed on the right. Determine which NMS component will be effected by each port by dragging the NMS component on the left to the UDP ports on the right. Not all the NMS components are used.

SYSLOG
SNMPv2
AAA (RADIUS)
NTP
NetFlow
DNS
DHCP
TFTP

UDP 53
UDP 123
UDP 1812/1813

Answer:

When troubleshooting NMS issues, you notice that a firewall in the network is blocking the UDP ports listed on the right. Determine which NMS component will be effected by each port by dragging the NMS component on the left to the UDP ports on the right. Not all the NMS components are used.

NMS Components		Ports
SYSLOG		DNS
SNMPv2		NTP
AAA (RADIUS)		AAA (RADIUS)
NTP		
NetFlow		
DNS		
DHCP		
TFTP		

Explanation: DNSUDP 53

NTPUDP 123

AAA (RADIUS)UDP 1812/1813

QUESTION NO: 10 DRAG DROP

Drag the protocols on the left to their port numbers on the right.

Protocols		Port Numbers
NTP		49
DNS		161
TACACS		514
SNMP		53
syslog		123

Answer:

Drag the protocols on the left to their port numbers on the right.

Protocols		Port Numbers
NTP		TACACS
DNS		SNMP
TACACS		syslog
SNMP		DNS
syslog		NTP

Explanation: NTP123
DNS53
TACACS49
SNMP161
Syslog514

QUESTION NO: 11 DRAG DROP

Drag the configuration element on the left to the appropriate configuration templates on the right according to Cisco IOS Management Best Practices.

Configuration Elements	Templates
ACL configuration	**Sample Protocol Standard Configuration Template**
ATM configuration	
FR configuration	
IP Address used	
IP routing configuration	
routing protocol configuration	
routing protocol used	**IP Standards Template**
Spanning Tree Protocol configuration	
subnet size	

Answer:

Drag the configuration element on the left to the appropriate configuration templates on the right according to Cisco IOS Management Best Practices.

Configuration Elements	Templates
ACL configuration	**Sample Protocol Standard Configuration Template**
ATM configuration	ACL configuration
FR configuration	ATM configuration
IP Address used	FR configuration
IP routing configuration	IP routing configuration
routing protocol configuration	Spanning Tree Protocol configuration
routing protocol used	**IP Standards Template**
Spanning Tree Protocol configuration	IP Address used
subnet size	routing protocol configuration
	routing protocol used
	subnet size

Explanation:

Sample Protocol Standard Configuration Template:

ACL Configuration

ATM Configuration

FR Configuration

IP Routing Configuration

Spanning Tree Configuration

IP Standards Template:

IP Address used

Routing Protocol Configuration

Routing Protocol used

Subnet Size

Trying our product !

★ **100%** Guaranteed Success

★ **100%** Money Back Guarantee

★ **365 Days** Free Update

★ **Instant Download** After Purchase

★ **24x7** Customer Support

★ Average **99.9%** Success Rate

★ More than **69,000** Satisfied Customers Worldwide

★ Multi-Platform capabilities - **Windows, Mac, Android, iPhone, iPod, iPad, Kindle**

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Please provide as much detail as possible so we can best assist you.
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One Year Free Update
Free update is available within One Year after your purchase. After One Year, you will get 50% discounts for updating. And we are proud to boast a 24/7 efficient Customer Support system via Email.

Money Back Guarantee
To ensure that you are spending on quality products, we provide 100% money back guarantee for 30 days from the date of purchase.

Security & Privacy
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