Exam : 646-411

Title   : Network Management AM & SE Exam

Ver   : 02.14.06

QUESTION 1
Which command sets the port duplex mode on a Catalyst 2924XL?

A. duplex
B. set duplex
C. port duplex
D. set port duplex
E. set duplex port

Answer: A

QUESTION 2
Which two attributes best describe access layer switches? (Choose two.)

A. low cost
B. intervlan routing
C. robust Layer 3 throughput
D. high port density to connect to end users

Answer: AD

QUESTION 3
Which type of cable connects two access-lays switch using a 10/100 Ethernet port on each?

A. Cat-5 UIP crossover cable
B. RJ-45 to DB-9 terminal cable
C. RJ-45 to RJ-45 rollover cable
D. RJ-45 to RJ-45 straight-through cable

Answer: A

QUESTION 4
An EtherChannl bundle is operational on a tunk Which two operations cause ports in the bundle to be disabled? (Choose two.)

A. disabling port security
B. excessive errors on one port
C. changing VLAN mode to dynamic
D. changing the speed attribute of one port

Answer: CD

QUESTION 5
You have a customer that needs a single are access layer closet switch that can support more than 100 switched users. You must get the lowest possible price per port.

Which switch should you recommend?

A. Catalyst 1900 series
B. Catalyst 3500XL series
C. Catalyst 5000 series
D. Catalyst 8500 series

Answer: C

QUESTION 6
Which statement about Ethernet is true?

A. CSMA/CD technology is not used on switch ports.
B. Cabling for Fast Ethernet is limited to UTP and fiber optic.
C. Full-duplex operation increases Ethernet transmission speed.
D. Cabling distances should not exceed 328 meters between active devices.

Answer: B

QUESTION 7
Which logical operation do Cisco switches use to determine which link send traffic for EtherChannel?

A. OR
B. AND
C. XOR
D. NAND

Answer: C

QUESTION 8
Which services are common to AH and ESP?

A. confidentiality, connectionless integrity, and anti-replay service
B. data origin authentication, confidentiality, and anti-replay service
C. connectionless integrity, data origin authentication, and anti-replay service
D. confidentiality, connectionless integrity, and data origin authentication

Answer: C

QUESTION 9
Which transmission method is most efficient when a host needs to send data to specific group of clients?

A. unicast
B. webcast

C. multicast
D. broadcast

Answer: C

QUESTION 10
Which statements best describes the ESP header?

A. It is inserted before an encapsulated IP header in transport mode.
B. It is inserted after the IP header and before the upper layer protocol header in tunnel mode.
C. It is inserted before an encapsulate IP header in turned mode
D. It is inserted after the IP header and after the upper layer protocol header in transport mode.

Answer: C

QUESTION 11
Which command assigns an IP address to the management interface on a Catalyst 5000 switch?

A. interface tty
B. ip address sc0
C. set interface sc0
D. set ip manage address

Answer: C

QUESTION 12
What is the scalability limit of Cisco Information Center support?

A. 5000 IOS devices
B. 5 Million events per day.
C. 50,000 CatOS and IOS devices.
D. No specific limit due to its distributed architecture

Answer: D

QUESTION 13
Which three statements about AH are true? Choose three.

A. AH provides protection against reply.
B. AH encrypts the payload for data confidentiality.
C. AH provides connectionless integrity for the IP datagrams.
D. AH provides data origin authentication for the IP datagrams.
E. AH encapsulated the data

F. AH uses symmetric secret key algorithms

Answer: ACD

QUESTION 14
How do IGMPvl clients leave a multicast group?

A. without sending my notification
B. aftersending an IGMP Leave message
C. by sending a unicast message to the router
D. by stopping the periodic heartbeat message to the router.

Answer: A

QUESTION 15
ANMP works at Which OSI layer?

A. Data
B. Network
C. Transport
D. Application
E. Presentation

Answer: A

QUESTION 16
Which three statements about ESP are true? Choose three.

A. ESP Encapsulates the data.
B. ESP uses symmetric secret key algorithms
C. ESP provides protection to the outer headers
D. ESP encrypts the payload for data confidentiality.
E. ESP verifies the integrity of the ESP data gram.
F. ESP uses asymmetric secret key algorithms.

Answer: ABD

QUESTION 17
Which are default setting for IGMP on a Catalyst 5000 switch?

A. IGMP snooping enabled and PIM enabled
B. IGMP snooping enabled and CGMP enabled
C. IGMP enabled and IGMP snooping disabled
D. IGMP snooping enabled and CGMP disabled
E. IGMP snooping disabled and CGMP disabled

Answer: E

QUESTION 18
Which resource manager Essentials (RME) module allows the user to edit download individual configuration files to devices through a GUI instead of the command line?

A. NetConfig
B. Config Editor
C. Change Audit Services
D. Software image Manager

Answer: B

QUESTION 19
Which module is audited first when packets enter an IOS Firewall IDS and match a specific audit rule?

A. TCP
B. ICMP
C. IP
D. application level
E. UDP

Answer: C

QUESTION 20
Which multicast technology specifies a unique forwarding path between each member of a multicast group?

A. CGMP
B. VLANs
C. IGMP snooping
D. distribution trees

Answer: D

QUESTION 21
Give a small business with.
• Less than 50 employees
• Approximately 10 devices.
• An IT team with a limited skill set
• A budget less than 54000 USD
Which product should be recommended?

A. Cisco Works Windows

B. LAN Manager Essentials
C. Resource Manager Essentials
D. Small Network Management Solution

Answer: A

QUESTION 22
Select the command used to configure the IOS Firewall Ids to globally disable a specifies signature.

A. ip audit signature sig-id global
B. ip audit disable sig-id
C. ip audit signature sig-id disable
D. ip audit disable signature sid-id

Answer: C

QUESTION 23
What are two methods to maintain a consistent VLAN database in a VTP domain? (Choose two.)

A. do not configure any switches as VTP server
B. ensure that all switches not authorized to make changes are in client made
C. always configure switches using VTP server mode when adding them to the existing network
D. allow only one VTP server in each domain so that adding and deleting VLANs can be centralized to one location

Answer: BD

QUESTION 24
What are three functional components of VPN Security Management Solution? (Choose three.)

A. centralize RBAC
B. robust scalable architecture
C. integrated infrastructure management
D. operational differentiation based on domain-siloed optimization

Answer: ABC

QUESTION 25
Select the command used to enable alarming on the IOS Firewalls IDS.

A. in audit alarm
B. up audit syslog-server

C. ip audit notify
D. ip alarm syslog-serve

Answer: C

QUESTION 26
Which two VTP modes can create and delete VLANs on their own switches? (Choose two.)

A. Client
B. Server
C. Transparent
D. Pass-through

Answer: BC

QUESTION 27
As IT organization adopt strategic technologies such as Voice over IP, they must address challenges that involve utilitarian roles. Including facilitating high reliability immunizing transmission costs, and _____.

A. adopting new technologies
B. sowing customer satisfaction
C. leveraging organizational resources
D. demonstrating IT return on investment

Answer: C

QUESTION 28
Which Cisco IOS command can you use to verify the status of an OSPF virtual link?

A. show virtual-links
B. show io ospf interface
C. show ip ospf virtual-links
D. show io ospf virtual interface

Answer: C

QUESTION 29
Which two statements are true about the difference between an "On" trunking mode and a "Nonegotiate" trunking mode? (Choose two.)

A. A port configured with trunking mode nonegotiate will not send out DTP or DISL packets.
B. A port configure trunking mode "on" willonly form a trunk properly with a port configured with trunking mode on.

C. A port configured with trunking mode "On" will form a trunk properly with a port configured with an trunking modes except off.
D. A port configured with trunking mode nonegotiate will only form a trunk properly with a port configured with trunking mode nonegotiate.

Answer: A, C

QUESTION 30
To reduce the cost of network hardware and software ownership. What do customers need a network management solution to provide?

A. a solution that is less than 20% of IT budget
B. integration with their manager of manager platform
C. a customized solution designed for their unique network needs
D. a reduction of the complexities associated with managing a network

Answer: D

QUESTION 31
What kind of signatures trigger on a single packet? Choose one.

A. regenerative
B. cyclical
C. atomic
D. dynamic
E. compound

Answer: C

QUESTION 32
What close an ABR connect in an OSPF network?

A. multiple OSPF areas
B. OSPF and RIP network
C. multiple designated routers
D. multiple OSPF autonomous systems

Answer: A

QUESTION 33
What does proper execution of a network management process such as planning and design, deployment and implementation and operations and monitoring require?

A. automation
B. Cisco Works
C. senior IT staffing

D. continuous evaluation

Answer: D

Choose the types of signature implementations that the IOS Firewall IDS can detect.
Choose two.

A. atomic
B. dynamic
C. regenerative
D. cyclical
E. compound
F. complex

Answer: AE

QUESTION 35
Which kind of informatioi does an OSPF summary link Type 3 entry include?

A. summarized entries for network address in an area
B. summarized network address for all network in an area
C. network address fro all network in the OSPF autonomous system
D. network address fro an area that are summarized at their classful boundary

Answer: B

QUESTION 36
What does the network management process for monitoring and diagnosing include?
(Choose two.)

A. troubleshooting
B. resource reporting
C. identifying devices over a threshold
D. optimizing the network based on the baseline network data collected

Answer: AC

QUESTION 37
When using the IOS Firewall IDS feature on a router, which statement is true?

A. The router searches only those packets destined for a DMZ.
B. The router searches every packet for one of 59 possible signature matches.
C. The router searches every packet for one of 300 possible signature matches.
D. The router searches every packet destined for the internal network only.

Answer: B

QUESTION 38
How does OSPF support variable-length subnet mask (VLSM)?

A. uses route summarization
B. maintains a topological database
C. carries subnet mask information in the route updates
D. allocates addresses in groups to support miltiple areas

Answer: C

QUESTION 39
By automating routine tasks reducing time to troubleshoot problems and reducing
human error, network management maximizes the availability of network, and results in
_____.

A. easier technology migration
B. increased network bandwidth
C. a scalable solution for growing networks
D. a tangible return on investment (ROI) to the business

Answer: D

QUESTION 40
Select the two issues to consider when implementing IOS Firewall IDS. Choose two.

A. memory usage
B. number of DMZs
C. signature coverage
D. number or router interfaces

Answer: AC

QUESTION 41
Which three rules apply to subnetting an address with VLSM? (Choose three.)

A. A subnet is made up of all aggregated routes.
B. A subnet can address hosts or be further subnetted.
C. A routing protocol must carry the subnet mask in updates.
D. Summarized network must have the same high-order bits.

Answer: BCD

QUESTION 42
There are many benefits of network management application and tools.
They allow network administrators track the status and health of the network, to minimize
network downtime, and to _____.

A. reduce network issues
B. increase employee productivity
C. provide redundancy for ailed devices
D. deliver a scalable solution for growing networks

Answer: B

QUESTION 43
Select the two systems that can a accept alarms from a Cisco IOS Firewall IDS. Choose
two.

A. Cisco Director
B. Cisco Host Sensor
C. Syslog server
D. HP Openview
E. Netview for AIX
F. DHCP server

Answer: AC

QUESTION 44
Which configuration command is used to summarize network advertised out of on
OSPG area by an ABR?

A. summary-address address mask
B. area area-id range address mask
C. auto-summary address mask area area-id
D. network network-number wildcard mask area area-id

Answer: B

QUESTION 45
Which two VPNs can VPN Solution Center provision? (Choose two.)

A. L2 VPN
B. L3 VPN
C. IPSec VPN
D. MPLS VPN

Answer: C, D

QUESTION 46
What is the default idle time of an enabled IOS Firewall authentication proxy?

A. 5 seconds
B. 60 seconds
C. 5 minutes
D. 60 minutes

Answer: D

QUESTION 47
Which resource manager Essentials (RME) module allows the use to edit download individual configuration files to devices through a GUI instead of the command line?

A. NetConfig
B. Config Edigor
C. Change Audit Services
D. Software image Manager

Answer: B

QUESTION 48
What are two VPN Solution Center product benefits? (Choose two.)

A. automated VPN provisioning
B. reduction of operational costs
C. integration to CEMF element managers
D. MPLS, IPSec, and L2 VPN service provisioning

Answer: A, B

QUESTION 49
Select the three RADIUS servers supported by the Cisco IOS Firewall authentication proxy. Choose three.

A. Cisco Secure ACS for window NT/2000
B. Oracle
C. DB2
D. Cisco Secure ACS for UNIX
E. TACACS+
F. Lucent

Answer: A, D, F

QUESTION 50
When configuring multiple areas in an OSPF internetwork, what function does the area

range command provide?

A. the range of areas in the OSPF internetwork
B. the range of areas in which this ABR participates
C. a summary of network to e advertised outside the area
D. a summary of network outside the area and inside the AS

Answer: C

QUESTION 51
Which four VPN topologies are supported by VPN Solution Center?
(Choose four.)

A. hub
B. spoke
C. multicast
D. broadcast
E. filly meshed
F. partially meshed

Answer: A, B, E, F

QUESTION 52
Which factor involved in network design control how security is implemented?

A. Product availability
B. Policy
C. Bandwidth requirements
D. Performance

Answer: B

QUESTION 53
When configuring a totally study area in OSPF, what configuration requirement does
the ABR have that internet area routers do not?

A. a virtual link to area 0
B. OSPF summarization command
C. Default-cost extension to the area command
D. No-summary extension to the area stub command

Answer: D

QUESTION 54
What does VPN Solution Center include? (Choose two.)

A. full FCAPS support
B. VPN fault management
C. IP address management
D. Flow through provisioning

Answer: C, D

QUESTION 55
Routing protocols performs which of the following tasks?

A. Metric calculation and transport of user data
B. Transmit routing updates and switch data between interface ports
C. Update static routes and advertise network reachability
D. Path determination and path modification

Answer: D

QUESTION 56
Given the following router configuration:
router ospf 76
network 172.22.23.0 0.0.0.0 area 1
network 172. 18.0.0 0.0.255.255 area 0
area 0 range 172.18.0.0 255.255.0.0
area 1 range 172.22.23.0 255.255.255.0
Which three statements are true? (Choose three.)

A. The OSPF router ID is 76.
B. This is an area border router.
C. The designated router priority is 76.
D. This router connects area 1 to the backbone area.
E. Any router interfaces with an address of 172.18.x.x area in area 0.

Answer: B, D, E

QUESTION 57
What is the device limit for a single CNS Configuration Engine?

A. up to 50 devices
B. up to 500 devices
C. up to 5,000 devices
D. up to 50,000 devices

Answer: C

QUESTION 58
Which of the following items is not a consideration when selecting a routing protocol for

an internetwork?

A. The complexity of converting front the current routing protocol
B. The ability to support variable length subnet masking (VLSM)
C. The ability to support a wide variety of user applications
D. The time for the network to converge after a topology change

Answer: C

QUESTION 59
What area two Cisco IOS commands that can be used to view neighbor adjacencies?
(Choose two.)

A. show ip ospf database
B. show ip ospf neighbors
C. show ip ospf protocols
D. show ip ospf interfaces

Answer: BD

QUESTION 60
Which are two benefits of CNS Configuration Engine? (Choose two.)

A. CORBA integration
B. Full FCAPS support
C. Plut-and-play deployment
D. SNMP Northbound interface
E. Template-based configuration

Answer: C, E

QUESTION 61
Routing protocol update exchanged by routers help these devices determine _____ a
destination network?

A. the path to reach
B. the status of
C. the location of
D. the transmission medium used by

Answer: B

QUESTION 62
Which command should you use to verify what network are being routed by given
OSPF process?

A. show ospf
B. show ip route
C. show ip protocols
D. show ip ospf database

Answer: C

QUESTION 63
Which three industry standards are utilized by CNS Configuration Engine? (Choose three.)

A. XML
B. LDAP
C. HTTP
D. SNMP

Answer: A, B, C

QUESTION 64
Major network numbers are submitted, at a fixed length, to provide.

A. greater administrative control of traffic
B. a greater number of hosts per segment
C. better utilization of addressing space
D. an easy conversion between binary and decimal numbers.

Answer: A

QUESTION 65
Which Cisco IOS command can you use to verify the status of an OSPF virtual link?
E. show virtual-links
F. show io ospf interface
G. show ip ospf virtual-links
H. show io ospf virtual interface

Answer: C

QUESTION 66
How does CNS Configuration Engine provision CPEs?

A. Cisco Configuration Express must add a basic SNMP configuration to the CPE before CNS Configuration Engine can establish communication.
B. The customer must add a basic OIS configuration to the CPE before it can receive its complete configuration from CNS Configuration Engine.
C. Cisco Configuration Express adds a bootstrap config to the CPE which downloads its complete configuration from CNS Configuration Engine.

D. A technician must pre-configure the CPE at the remote location before CNS Configuration engine can download the CPEs complete OIS configuration.

Answer: C

QUESTION 67
When designing large-scale network private IP addressing schemes in support of RFC 1981 are most useful because they.

A. restrict access to the Internet
B. allow for optional address summarization at key locations in the network
C. supersede existing addressing schemes
D. force implementers to return licensed public address to the InterNIC.

Answer: B

QUESTION 68
You have an address range of 172.16.20.192 to 172.16.20.223. Which two configuration commands are used in configuring the area 3 border router for network summarization? (Choose two.)

A. network 172.16.20.192 0.0.0.31 area3
B. area 3 range 172.16.20.192 172.16.20.223
C. area 3 range 172.16.20.192 255.255.255.224
D. network 172.16.20.192 255.255.255.224 area 3

Answer: A, C

QUESTION 69
Which statement is true about Cisco Information Center Functionality?

A. It provides FCAPS functionality.
B. It provides fault management only.
C. It provides FCAPS except accounting support
D. It provides services provisioning for Cisco devices.

Answer: B

QUESTION 70
When assigning a logical address to network segment the addressing scheme used represents which a layer of the OSI reference model?

A. Layer two
B. Layer three
C. Layer four
D. Layer seven

Answer: B

QUESTION 71
You have the class C address of 200.65.70.0. What configuration statement needs to be
in the ASBR to advertise this class address to the outside world assuming that the ASBR is
in the backbone area?

A. network 200.65.70.0 0.0.0.255 area0
B. network 200.65.70.0 255.255.255.0 area 0
C. summary-address 200.65.70.0 255.255.255.0
D. summary-address 200.65.70.0 200.65.70.255

Answer: B

QUESTION 72
Which three functions are provided by Cisco Information Center?
(Choose two.)

A. event correlation
B. event consolidation
C. performance statistics polling
D. de-duplication of fault massages

Answer: A, B, D

QUESTION 73
When designing a TCP/IP network, emphasis should be placed upon which of the
following?

A. An IP addressing scheme that uses subnet ting to maximize route summarization
B. A routing protocol that reduces periodic routing announcements
C. A security policy that protect the client from unwanted Internet access
D. A single-vendor solution to ensure computability in both the LAN and WAN
environments

Answer: A, B, D

QUESTION 74
Which three devices does VPN Security Management System configure and monitor?
(Choose three.)

A. IDS
B. all firewalls
C. IOS routers
D. CiscoSecure ACS

E. VPN concentrators
F. PIX/firewalls service module

Answer: A, B, E

QUESTION 75
What are two benefits of Cisco Information Center? (Choose two.)

A. event filtering
B. event de-duplication
C. no need for customization (work out of box)
D. de-duplication of fault massages

Answer: A, B

QUESTION 76
When connecting multiple switched LANs to one router, avoid congestion at the router
by.

A. ensuring that 10% of the traffic is local to an individual VLAN and does not need to cross
the router
B. dividing up VLANs by function rather that by data flow
C. using Token Ring instead of Ethernet.
D. Limiting the extent of LAN emulation services provided by the router

Answer: D

QUESTION 77
What does the Auto Update server feature in VPN/Security Management Solution allow
you to do?

A. schedule IDS signature updates to IDS sensors deployed in the network
B. automatically push the latest IOS and Catalyst OS images to network devices
C. enable the server to periodically poll the PIX firewall or IOS-router enabled device, and
update the image if necessary
D. enable devices to periodically "call home" to an update server and pull the most current
security configurations or the Cisco PIX Operating System

Answer: D

QUESTION 78
Which statement is true about Broadband Access Center?

A. It is a AAA server for Cisco Access devices.
B. It provides FCAPS management for cable CPEs.
C. It is a subscriber and CPE auto-provisioning system.

D. It performs fault and performance collection on Cisco devices.

Answer: C

QUESTION 79
Connecting multiple switched LANs to one router that acts as a collapsed backbone is an attractive design for a client who has.

A. a large number of end stations.
B. A lot of multimedia bandwidth-intensive traffic
C. A requirement for simple configurations
D. A lot of cross-functional terms that communicate across VLANs.

Answer: C

QUESTION 80
What are three features of VPN/Security Management Solution's Ids sensor management functionality? (Choose three.)

A. use of a robust relational database to store a high volume of data
B. ability to configure sensors concurrently using group profiles
C. the ability to define a hierarchy of sensors containing groups and subgroups
D. ability to automatically keep IDS detection signatures current using Auto Update Server

Answer: A, C, D

QUESTION 81
What are two benefit of Broad band Access Center? (Choose two.)

A. subscriber self-registration
B. can integrate with OSS applications
C. fault event correlation for cable modems
D. provides account data to billing application

Answer: C, D

QUESTION 82
Several routers connected to an ATM switch form a.

A. dual-homed backbone.
B. router cluster.
C. hierarchical homogenous network.
D. VLAN cluster.

Answer: B

QUESTION 83
Which is a component of VPN Security Management Solution?

A. VPN View
B. Hosting Solution Engine
C. Campus Security Manager
D. Resource Manager Essentials

Answer: D

QUESTION 84
What is the primary functionality of Cisco Network Registrar?

A. DNS/DHCP SYSTEM
B. CNS device registration
C. Subscriber self-registration
D. Cisco IOS device registration for network inventory

Answer: A

QUESTION 85
_____ is supported by routers but not bridges.

A. what protocols are in use
B. Routing protocol convergence time
C. The level of broadcast activity
D. Who the power users are

Answer: B

QUESTION 86
Which three can be viewed using the VPN Monitoring module contained in Cisco
Works VPN/ Security Management System? (Choose three.)

A. packet rates
B. IKE-KA status
C. Device identification
D. System resource data

Answer: A, C, D

QUESTION 87
Which of the following statements about VLAN is true?

A. VLANs divide up broadeast domains
B. VLANs make security harder to handle

C. VLANs require IEEE 802.10
D. VLANs cannot be geographically dispersed.

Answer: A

QUESTION 88

When examining a client requirements for a switched campus LAN design, you probably do not need to investigate.

A. What protocols are in use.
B. Routing protocol convergence time
C. The level of broadcast activity.
D. Who the power users re.

Answer: B

QUESTION 89

Which three does centralized RBAC allow the administrator to do? (Choose three.)

A. enables organizations to scale access privileges
B. enforces seamless device failover and security policies
C. allow for a common ACS log on for users. Admin, devices, and applications
D. allow different group to have different access rights across different devices and applications

Answer: A, C, D

QUESTION 90

Which of the following standards is not a common way to implement VLANs?

A. IEEE 802.10
B. Remote source-route bridging (RSRB)
C. The Inter-Switch Link (ISL) standard
D. ATMLAN emulation

Answer: B

QUESTION 91

Given the following router congigureation from the area I border router:
router ospf 76
network 172.12.32.0 0.0.15.255 area 1
network 172.12.96.0 0.0.15.255 area 0
area 0 range 172.12.96.0 255.255.224.0
area 1 range 172.12.32.0 255.255.224.0
Which three statements are true? (Choose three.)

A. An effect of the fourth line is to reduce the number of route table entries.
B. An interface on this router with an IP address of 172.12.32.124 is in area 1.
C. All network within the range of 172.12.32.0 to 172.12.63.0 will be summarized from area I into area 0.
D. Area 0 can act as a stub area fro routes including network in the range 172.12.96. to 255.255.224.0.

Answer: A, B, D

QUESTION 92
Choose the three actions that the IOS Firewall Ids router may perform when a packet, or a number of pockets in a session match a signature. Choose three.

A. forward packet to the Cisco IDS Host Sensor for further analysis
B. send an alarm to the Cisco Ids Director or Syslog server
C. send an alarm to Cisco Secure ACS
D. set the packet reset flag and forward the packet through
E. drop the packet immediately
F. return the packet to the sender

Answer: B, D, E

QUESTION 93
What describes Cisco WAN Manager scalability?

A. Excess of 2 million ports.
B. Excess of 200,000 PVCs.
C. Excess of 2 million interfaces.
D. Excess of 2000 Cisco devices.

Answer: B

QUESTION 94
Which database is used by Cisco Transport Manager?

A. Oracle
B. Sysbase
C. Informics
D. Objectstore

Answer: A

QUESTION 95
Which Cisco devices can Cisco Transport Manager manage?

A. Any IOS based Cisco device.

B. Any IOS and CatOS based Cisco device.
C. Only Cisco ONS 15000 series product lines.
D. Both Cisco ONS 15000 series and 12000 series product lines.

Answer: C

QUESTION 96
What does the Cisco Element Manager Framework (CEMF) provide?

A. XML APIs
B. Common GUIs to EMS blades
C. Fault event root cause analysis
D. Provisioning to multiple IOS devices

Answer: B

QUESTION 97
What are three benefits of Cisco Element Manager Framework (CEMF)? (Choose three)

A. Reduces operator training.
B. Reduces costs for new technologies.
C. Provides common framework for integration.
D. Provides common service order entry interface.

Answer:

Explanation: Pending. Send your suggestion to feedback@ Certkiller .com

QUESTION 98
How do you access CiscoWorks?

A. Telnet
B. Server
C. Console port
D. Web browser

Answer: D

QUESTION 99
Which CiscoWorks product do you utilize to provide the necessary tools to configure and monitor Cisco devices?

A. LMS
B. QPM
C. RMAN
D. RWAN

Answer: A

QUESTION 100
Using CiscoWorks does not always eliminate the need for _____.

A. System managers
B. Enterprise servers
C. Element managers
D. Enterprise managers

Answer: D

QUESTION 101
On what is the CiscoWorks architecture based?

A. RMON and servers
B. Agents, MIBs, clients
C. Clients, servers, agents

Answer: D

QUESTION 102
CiscoWorks LAN Management Solution is best used in what network environment?

A. Branch office
B. Service provider
C. Small home office
D. Medium to large enterprise

Answer: D

QUESTION 103
Which CiscoWorks application enables users to manage Layer 2 and Layer 3 Cisco device topology information and end-user tracking?

A. Campus Manager
B. Device Fault Manager
C. Resource Manager Essentials
D. Internetwork Performance Monitor

Answer: A

QUESTION 104
Which application provides network managers with the ability to automate software upgrade tasks, archive configurations, and keep track of changes made to managed

devices?

A. CiscoView
B. Campus Manager
C. CiscoWorks Server
D. Resource Manager Essentials

Answer: D

QUESTION 105
Which ACL Manager tool displays the configuration changes that have been made since creating the scenario?

A. Optimizer
B. Diff Viewer
C. Use Wizard
D. Downloader

Answer: B

QUESTION 106
Which CiscoWorks application provides network managers with the ability to automate software upgrade tasks?

A. CiscoView
B. Campus Manager
C. Resource Manager Essentials
D. Internetwork Performance Monitor

Answer: C

QUESTION 107
Which Campus Manager application automates discrepancy reports that highlight physical and logical problems with the network configuration?

A. Path Analysis
B. User Tracking
C. Topology Services
D. Configuration Manager

Answer: C

QUESTION 108
Which ACL Manager tool is used to apply a previously defined ACL or template to control packet filtering, line access, SNMP community access, SNMP TFTP server, and VLAN packet filtering?

A. Optimizer
B. Use Wizard
C. Downloader
D. Template Manager

Answer: B

QUESTION 109
What is a benefit of the approach CiscoWorks Device Fault Manager utilizes for network fault management?

A. Monitors both Cisco and non-Cisco devices.
B. Reports all events that occurred on the network.
C. Tracks symptoms that are known to cause higher-level problems.
D. Enables users to write rules to customize to unique network topologies.

Answer: C

QUESTION 110
What describes the fault methodology used in Device Fault Manager?

A. A pre-defined codebook ships with the product.
B. Application pings Cisco devices every two minutes.
C. End user defines rule set for customized network monitoring.
D. User chooses appropriate fault template on Cisco.com web site.

Answer: A

QUESTION 111
What does the Resource Manager Essentials module NetConfig allow users to do?

A. Perform changes against multiple devices in the network.
B. Open config from a selected device in a Notepad-like window.
C. Track changes to configuration files and update the database.
D. Simplify configuration changes using edit functions like cut and paste.

Answer: A

QUESTION 112
What component is included in CiscoWorks Small Networks Management Solution that is not included in CiscoWorks Windows?

A. CiscoView
B. What's Up Gold
C. Campus Manager

D. Resource Manager Essentials

Answer: D

QUESTION 113
What provides a more scalable management tool by using remote monitoring (versus polling)?

A. MIB
B. Ping
C. SNMO
D. RMON

Answer: D

QUESTION 114
SNMP is a network management protocol used almost exclusively in what networks?

A. DSL
B. UDP
C. Video
D. TCP/IP

Answer: D

QUESTION 115
What are the functional areas of IP Telephony management?

A. Access and Core
B. IP Phone to IP Phone
C. Protocol and IP Telephony
D. IP Fabric and IP Telephony

Answer: D

QUESTION 116
What are three functions of QoS policies? (Choose three)

A. Classification and marking.
B. Increasing bandwidth and capacity.
C. Traffic conditioning and link efficiency.
D. Congestion management and congestion avoidance.

Answer: A, C, D

QUESTION 117

Which activities are conducted when IP Telephony Environment Monitor perform a confidence test?

A. Auto-downloading the latest IOS/CatOS images from Cisco.com.
B. Creating a simulated 'power-down' situation to test failover capability.
C. Conducting ping tests to ensure that latency to below a prescribed threshold.
D. Registering a phone, creating an off-hook scenario, and making an end-to-end call.

Answer: D

QUESTION 118

For what stage in the network's lifecycle does CiscoWorks QoS Policy Manager provide QoS configuration for voice guidance with an IP Telephony wizard?

A. Design
B. Operations
C. Deployment
D. Maintenance

Answer: A

QUESTION 119

What network element(s) are monitored by CiscoWorks IP Telephony Environment Monitor?

A. PBX syste,s
B. CallManager. switches, and gateways
C. CallManager, switches, and IP telephones
D. Voice enabled network infrastructure components such as switched and gateways only.

Answer: B

QUESTION 120

Which facet of OAMP is primarily concerned with the capture and normalization of billing and accounting data, performance data, and capacity planning data?

A. Operations
B. Provisioning
C. Maintenance
D. Administrative

Answer: D

QUESTION 121

What are three features of VPN/Security Management Solution's IDS Sensor management

functionality? (Choose three)

A. Use a robust relational database to store a high volume of data.
B. Ability to configure multiple sensors concurrently using group profiles.
C. The ability to define a hierarchy of sensors containing groups and subgroups.
D. Ability to automatically keep IDS detection signatures current using Auto Update Server.

Answer: A, B, C

QUESTION 122
Which protocol would you recommend for administrative access control of Cisco device configuration changes?

A. S/MIME
B. RADIUS
C. TACAS+
D. DIAMETER

Answer: C

QUESTION 123
What does the CiscoWorks VPN Security Management System Smart Rules hierarchy allow the administrator to do?

A. Automatically seek and install PIX updates from Cisco.com.
B. Automatically detect and quarantine infected or breached devices.
C. Define a checks and balances policy for registering new VPN users.
D. Enable administrators to define device groups and implement policy inheritance across a large number of devices.

Answer: D

QUESTION 124
What does Access Control Server (ACS) do when performing authorization?

A. Assigns users to a logon VLAN.
B. Keeps a record of all user behavior/actions.
C. Applies policy per-user or per-group enterprise-wide across all network access types.
D. Verifies user identity with digital mechanisms (passwords, tokens, and digital certificates).

Answer: C

QUESTION 125
What are three security-related challenges facing today's network administrators? (Choose three)

A. Limited staffing
B. Need for more scalability.
C. Increased number of types of devices needing to be secured.
D. Need for string yet separate wireless and wired security for risk compartmentalization.

Answer: A, B, C

QUESTION 126

CiscoWorks Resource Manager Essentials primarily address which FCAPS functional area?

A. Fault
B. Security
C. Accounting
D. Performance
E. Configuration

Answer: E

QUESTION 127

How can performance data that are used to identify trends help network administrators?

A. Optimize IT staffing.
B. Improve capacity planning strategy.
C. Minimize unauthorized network access.
D. Isolate the root cause of a network failure.

Answer: B

QUESTION 128

Which FCAPS functional area does Cisco Info Center primarily address?

A. Fault
B. Security
C. Accounting
D. Performance
E. Configuration

Answer: A

QUESTION 129

Which layer is associated with the TMN model?

A. WAN Management
B. Server Management

C. Business Management
D. Application Management

Answer: C

QUESTION 130
What are two benefits of the TMN model? (Choose two)

A. Layered model
B. Telcordia model
C. Provides abstraction
D. OSI compliant model

Answer: A, D

QUESTION 131
What are two challenges of a Legacy OSS operation? (Choose two)

A. Slow
B. Isolated
C. Proprietary
D. Limited automation

Answer: C, D

QUESTION 132
What are two benefits of Cisco Access Registrar? (Choose two)

A. Provides AAA services.
B. Provides DNS/DHCP services.
C. Supports multiple access technologies.
D. Provides integration through CORBA API.

Answer: A, C

QUESTION 133
CiscoWorks LAN Management Solution is best used in what network environment?

A. branch office
B. service provider
C. small home office
D. medium to large enterprise

Answer: D

QUESTION 134
What are two benefits of Broadband Access Center?

A. subscriber self-registration
B. can integrate with OSS applications
C. fault event correlation for cable modems
D. provides account data to building application

Answer: A,B

QUESTION 135
CiscoWorks Resource Manager Essentials primary address which FCAPS functional area?

A. Fault
B. Security
C. Accounting
D. Performance
E. Configuration

Answer: E