**BrainDumps.300-206.86q**

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**300-206**

**Implementing Cisco Edge Network Security Solutions**

**a)** still valid. Passed with 98%. Questions are word for word. Go through the practice test about 4 times READING the question and understanding the answer will help you a lot.
**b)** I studied this dump and I'm satisfied from this.
**c)** Dump valid in the US, All questions were in this exam. Only difference was the order of the answers
**d)** ALL the questions are tricky and logical.
**e)** thank u sooooooooo much... this file is 100 % valid.

**Exam A**

**QUESTION 1**
Which Cisco switch technology prevents traffic on a LAN from being disrupted by a broadcast, multicast, or unicast flood on a port?

A. port security
B. storm control
C. dynamic ARP inspection
D. BPDU guard
E. root guard
F. dot1x

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 2**
You are a security engineer at a large multinational retailer. Your Chief Information Officer recently attended a security conference and has asked you to secure the network infrastructure from VLAN hopping.

Which statement describes how VLAN hopping can be avoided?

A. There is no such thing as VLAN hopping because VLANs are completely isolated.
B. VLAN hopping can be avoided by using IEEE 802.1X to dynamically assign the access VLAN to all endpoints and setting the default access VLAN to an unused VLAN ID.
C. VLAN hopping is avoided by configuring the native (untagged) VLAN on both sides of an ISL trunk to an unused VLAN ID.
D. VLAN hopping is avoided by configuring the native (untagged) VLAN on both sides of an IEEE 802.1Q trunk to an unused VLAN ID.

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 3**

You are the administrator of a Cisco ASA 9.0 firewall and have been tasked with ensuring that the Firewall Admins Active Directory group has full access to the ASA configuration. The Firewall Operators Active Directory group should have a more limited level of access.

Which statement describes how to set these access levels?

A. Use Cisco Directory Agent to configure the Firewall Admins group to have privilege level 15 access. Also configure the Firewall Operators group to have privilege level 6 access.
B. Use TACACS+ for Authentication and Authorization into the Cisco ASA CLI, with ACS as the AAA server. Configure ACS CLI command authorization sets for the Firewall Operators group.
Configure level 15 access to be assigned to members of the Firewall Admins group.
C. Use RADIUS for Authentication and Authorization into the Cisco ASA CLI, with ACS as the AAA server. Configure ACS CLI command authorization sets for the Firewall Operators group. Configure level 15 access to be assigned to members of the Firewall Admins group.
D. Active Directory Group membership cannot be used as a determining factor for accessing the Cisco ASA CLI.

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 4**
A router is being enabled for SSH command line access.
The following steps have been taken:
· The vty ports have been configured with transport input SSH and login local.
· Local user accounts have been created.
· The enable password has been configured.

What additional step must be taken if users receive a 'connection refused' error when attempting to access the router via SSH?

A. A RSA keypair must be generated on the router
B. An access list permitting SSH inbound must be configured and applied to the vty ports
C. An access list permitting SSH outbound must be configured and applied to the vty ports
D. SSH v2.0 must be enabled on the router

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 5**
Which two configurations are necessary to enable password-less SSH login to an IOS router? (Choose two.)

A. Enter a copy of the administrator's public key within the SSH key-chain
B. Enter a copy of the administrator's private key within the SSH key-chain
C. Generate a 512-bit RSA key to enable SSH on the router
D. Generate an RSA key of at least 768 bits to enable SSH on the router
E. Generate a 512-bit ECDSA key to enable SSH on the router
F. Generate a ECDSA key of at least 768 bits to enable SSH on the router

**Correct Answer:** AD
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 6**
Which two features does Cisco Security Manager provide? (Choose two.)

A. Configuration and policy deployment before device discovery
B. Health and performance monitoring
C. Event management and alerting
D. Command line menu for troubleshooting
E. Ticketing management and tracking

**Correct Answer:** BC
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 7**
An administrator installed a Cisco ASA that runs version 9.1. You are asked to configure the firewall through Cisco ASDM.

When you attempt to connect to a Cisco ASA with a default configuration, which username and password grants you full access?

A. admin / admin
B. asaAdmin / (no password)
C. It is not possible to use Cisco ASDM until a username and password are created via the username usernamepassword password CLI command.
D. enable_15 / (no password)
E. cisco / cisco

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 8**
Which three options are default settings for NTP parameters on a Cisco ASA? (Choose three.)

A. NTP authentication is enabled.
B. NTP authentication is disabled.
C. NTP logging is enabled.
D. NTP logging is disabled.
E. NTP traffic is not restricted.
F. NTP traffic is restricted.

**Correct Answer:** BDE
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 9**
Which two options are purposes of the packet-tracer command? (Choose two.)

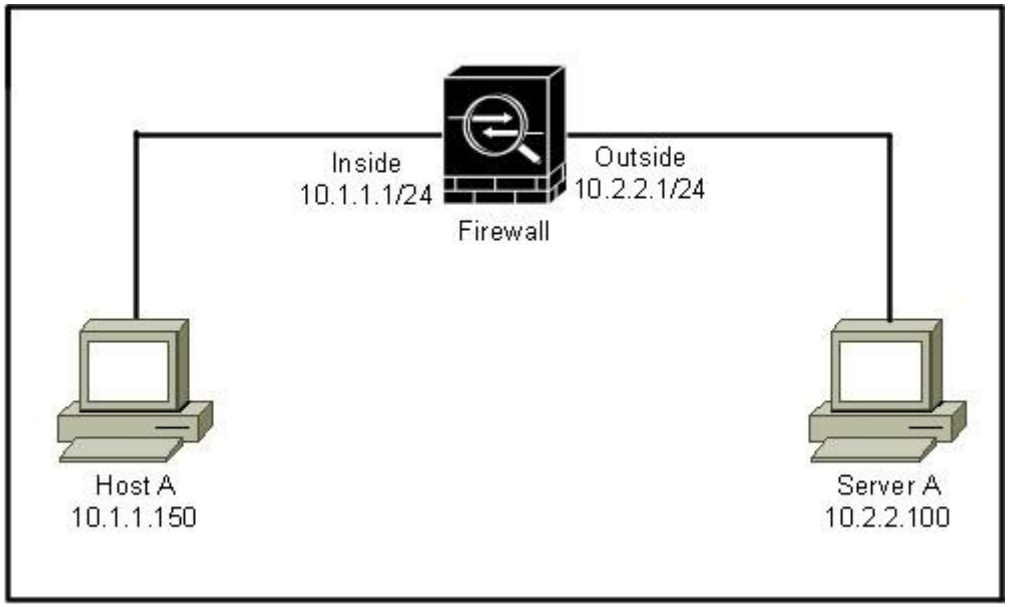
A. to filter and monitor ingress traffic to a switch
B. to configure an interface-specific packet trace
C. to simulate network traffic through a data path
D. to debug packet drops in a production network

E. to automatically correct an ACL entry in an ASA

**Correct Answer:** CD
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 10**
Refer to the exhibit.




Server A is a busy server that offers these services:
· World Wide Web
· DNS

Which command captures http traffic from Host A to Server A?

A. capture traffic match udp host 10.1.1.150 host 10.2.2.100
B. capture traffic match 80 host 10.1.1.150 host 10.2.2.100

C. capture traffic match ip 10.2.2.0 255.255.255.192 host 10.1.1.150
D. capture traffic match tcp host 10.1.1.150 host 10.2.2.100
E. capture traffic match tcp host 10.2.2.100 host 10.1.1.150 eq 80

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 11**
Your company is replacing a high-availability pair of Cisco ASA 5550 firewalls with the newer Cisco ASA 5555-X models. Due to budget constraints, one Cisco ASA 5550 will be replaced at a time.

Which statement about the minimum requirements to set up stateful failover between these two firewalls is true?

A. You must install the USB failover cable between the two Cisco ASAs and provide a 1 Gigabit Ethernet interface for state exchange.
B. It is not possible to use failover between different Cisco ASA models.
C. You must have at least 1 Gigabit Ethernet interface between the two Cisco ASAs for state exchange.
D. You must use two dedicated interfaces. One link is dedicated to state exchange and the other link is for heartbeats.

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 12**
In which two modes is zone-based firewall high availability available? (Choose two.)

A. IPv4 only
B. IPv6 only
C. IPv4 and IPv6
D. routed mode only
E. transparent mode only
F. both transparent and routed modes

**Correct Answer:** CD
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 13**
You are the administrator of a multicontext transparent-mode Cisco ASA that uses a shared interface that belongs to more than one context. Because the same interface will be used within all three contexts, which statement describes how you will ensure that return traffic will reach the correct context?

A. Interfaces may not be shared between contexts in routed mode.
B. Configure a unique MAC address per context with the no mac-address auto command.
C. Configure a unique MAC address per context with the mac-address auto command.
D. Use static routes on the Cisco ASA to ensure that traffic reaches the correct context.

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 14**
A rogue device has connected to the network and has become the STP root bridge, which has caused a network availability issue.

Which two commands can protect against this problem? (Choose two.)

A. switch(config)#spanning-tree portfast bpduguard default
B. switch(config)#spanning-tree portfast bpdufilter default
C. switch(config-if)#spanning-tree portfast
D. switch(config-if)#spanning-tree portfast disable
E. switch(config-if)#switchport port-security violation protect
F. switch(config-if)#spanning-tree port-priority 0

**Correct Answer:** AC
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 15**
According to Cisco best practices, which two interface configuration commands help prevent VLAN hopping attacks? (Choose two.)

A. switchport mode access
B. switchport access vlan 2
C. switchport mode trunk
D. switchport access vlan 1
E. switchport trunk native vlan 1
F. switchport protected

**Correct Answer:** AB
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 16**
When it is configured in accordance to Cisco best practices, the switchport port-security maximum command can mitigate which two types of Layer 2 attacks? (Choose two.)

A. rogue DHCP servers
B. ARP attacks
C. DHCP starvation
D. MAC spoofing
E. CAM attacks
F. IP spoofing

**Correct Answer:** CE
**Section: (none)**
**Explanation**

**Explanation/Reference:**

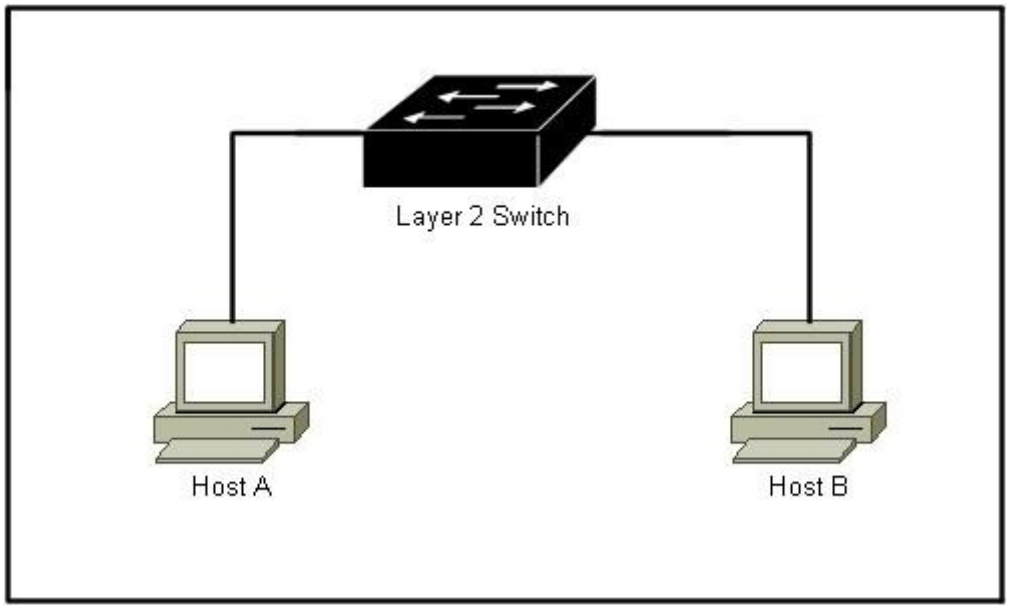
**QUESTION 17**
When configured in accordance to Cisco best practices, the ip verify source command can mitigate which two types of Layer 2 attacks? (Choose two.)

A. rogue DHCP servers
B. ARP attacks
C. DHCP starvation
D. MAC spoofing
E. CAM attacks
F. IP spoofing

**Correct Answer:** DF
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 18**
Refer to the exhibit.



To protect Host A and Host B from communicating with each other, which type of PVLAN port should be used for each host?

A. Host A on a promiscuous port and Host B on a community port
B. Host A on a community port and Host B on a promiscuous port
C. Host A on an isolated port and Host B on a promiscuous port
D. Host A on a promiscuous port and Host B on a promiscuous port
E. Host A on an isolated port and host B on an isolated port
F. Host A on a community port and Host B on a community port

**Correct Answer:** E
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 19**
Which security operations management best practice should be followed to enable appropriate network access for administrators?

A. Provide full network access from dedicated network administration systems
B. Configure the same management account on every network device
C. Dedicate a separate physical or logical plane for management traffic
D. Configure switches as terminal servers for secure device access

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 20**
Which two features block traffic that is sourced from non-topological IPv6 addresses? (Choose two.)

A. DHCPv6 Guard
B. IPv6 Prefix Guard
C. IPv6 RA Guard

D. IPv6 Source Guard

**Correct Answer:** BD
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 21**
Which three options correctly identify the Cisco ASA1000V Cloud Firewall? (Choose three.)

A. operates at Layer 2
B. operates at Layer 3
C. secures tenant edge traffic
D. secures intraswitch traffic
E. secures data center edge traffic
F. replaces Cisco VSG
G. complements Cisco VSG
H. requires Cisco VSG

**Correct Answer:** BCG
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 22**
Which two SNMPv3 features ensure that SNMP packets have been sent securely? (Choose two.)

A. host authorization
B. authentication
C. encryption
D. compression

**Correct Answer:** BC
**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 23**
Which two statements about zone-based firewalls are true? (Choose two.)

A. More than one interface can be assigned to the same zone.
B. Only one interface can be in a given zone.
C. An interface can only be in one zone.
D. An interface can be a member of multiple zones.
E. Every device interface must be a member of a zone.

**Correct Answer:** AC
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 24**
An attacker has gained physical access to a password protected router. Which command will prevent access to the startup-config in NVRAM?

A. no service password-recovery
B. no service startup-config
C. service password-encryption
D. no confreg 0x2142

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 25**
Which command tests authentication with SSH and shows a generated key?

A. show key mypubkey rsa
B. show crypto key mypubkey rsa
C. show crypto key
D. show key mypubkey

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 26**
Which configuration keyword will configure SNMPv3 with authentication but no encryption?

A. Auth
B. Priv
C. No auth
D. Auth priv

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 27**
In IOS routers, what configuration can ensure both prevention of ntp spoofing and accurate time ensured?

A. ACL permitting udp 123 from ntp server
B. ntp authentication
C. multiple ntp servers
D. local system clock

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 28**
Which three commands can be used to harden a switch? (Choose three.)

A. switch(config-if)# spanning-tree bpdufilter enable
B. switch(config)# ip dhcp snooping
C. switch(config)# errdisable recovery interval 900
D. switch(config-if)# spanning-tree guard root
E. switch(config-if)# spanning-tree bpduguard disable
F. switch(config-if)# no cdp enable

**Correct Answer:** BDF
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 29**
What are three features of the Cisco ASA 1000V? (Choose three.)

A. cloning the Cisco ASA 1000V
B. dynamic routing
C. the Cisco VNMC policy agent
D. IPv6
E. active/standby failover
F. QoS

**Correct Answer:** ACE
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 30**

If the Cisco ASA 1000V has too few licenses, what is its behavior?

A. It drops all traffic.
B. It drops all outside-to-inside packets.
C. It drops all inside-to-outside packets.
D. It passes the first outside-to-inside packet and drops all remaining packets.

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 31**
A network administrator is creating an ASA-CX administrative user account with the following parameters:

What role will the administrator assign to the user?

A. Administrator
B. Security administrator
C. System administrator
D. Root Administrator
E. Exec administrator

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 32**
All 30 users on a single floor of a building are complaining about network slowness. After investigating the access switch, the network administrator notices that the MAC address table is full (10,000 entries) and all traffic is being flooded out of every port. Which action can the administrator take to prevent this from occurring?

A. Configure port-security to limit the number of mac-addresses allowed on each port
B. Upgrade the switch to one that can handle 20,000 entries
C. Configure private-vlans to prevent hosts from communicating with one another

D. Enable storm-control to limit the traffic rate
E. Configure a VACL to block all IP traffic except traffic to and from that subnet

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 33**
A network printer has a DHCP server service that cannot be disabled. How can a layer 2 switch be configured to prevent the printer from causing network issues?

A. Remove the ip helper-address
B. Configure a Port-ACL to block outbound TCP port 68
C. Configure DHCP snooping
D. Configure port-security

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 34**
A switch is being configured at a new location that uses statically assigned IP addresses. Which will ensure that ARP inspection works as expected?

A. Configure the 'no-dhcp' keyword at the end of the ip arp inspection command
B. Enable static arp inspection using the command 'ip arp inspection static vlan vlan-number
C. Configure an arp access-list and apply it to the ip arp inspection command
D. Enable port security

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 35**
Which of the following would need to be created to configure an application-layer inspection of SMTP traffic operating on port 2525?

A. A class-map that matches port 2525 and applying an inspect ESMTP policy-map for that class in the global inspection policy
B. A policy-map that matches port 2525 and applying an inspect ESMTP class-map for that policy
C. An access-list that matches on TCP port 2525 traffic and applying it on an interface with the inspect option
D. A class-map that matches port 2525 and applying it on an access-list using the inspect option

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 36**
Which command is used to nest objects in a pre-existing group?

A. object-group
B. network group-object
C. object-group network
D. group-object

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 37**
Which threat-detection feature is used to keep track of suspected attackers who create connections to too many hosts or ports?

A. complex threat detection
B. scanning threat detection
C. basic threat detection
D. advanced threat detection

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 38**
What is the default behavior of an access list on the Cisco ASA security appliance?

A. It will permit or deny traffic based on the access-list criteria.
B. It will permit or deny all traffic on a specified interface.
C. An access group must be configured before the access list will take effect for traffic control.
D. It will allow all traffic.

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 39**
What is the default behavior of NAT control on Cisco ASA Software Version 8.3?

A. NAT control has been deprecated on Cisco ASA Software Version 8.3.
B. It will prevent traffic from traversing from one enclave to the next without proper access configuration.
C. It will allow traffic to traverse from one enclave to the next without proper access configuration.
D. It will deny all traffic.

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 40**
Which three options are hardening techniques for Cisco IOS routers? (Choose three.)

A. limiting access to infrastructure with access control lists
B. enabling service password recovery
C. using SSH whenever possible
D. encrypting the service password
E. using Telnet whenever possible
F. enabling DHCP snooping

**Correct Answer:** ACD
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 41**
What command alters the SSL ciphers used by the Cisco Email Security Appliance for TLS sessions and HTTPS access?

A. sslconfig
B. sslciphers
C. tlsconifg
D. certconfig

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 42**
What is the CLI command to enable SNMPv3 on the Cisco Web Security Appliance?

A. snmpconfig
B. snmpenable
C. configsnmp
D. enablesnmp

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 43**
Which product can manage licenses, updates, and a single signature policy for 15 separate IPS appliances?

A. Cisco Security Manager
B. Cisco IPS Manager Express
C. Cisco IPS Device Manager
D. Cisco Adaptive Security Device Manager

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 44**
Which three statements about private VLANs are true? (Choose three.)

A. Isolated ports can talk to promiscuous and community ports.
B. Promiscuous ports can talk to isolated and community ports.
C. Private VLANs run over VLAN Trunking Protocol in client mode.
D. Private VLANS run over VLAN Trunking Protocol in transparent mode.
E. Community ports can talk to each other as well as the promiscuous port.
F. Primary, secondary, and tertiary VLANs are required for private VLAN implementation.

**Correct Answer:** BDE
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 45**
When you set a Cisco IOS Router as an SSH server, which command specifies the RSA public key of the remote peer when you set the SSH server to perform RSA-based authentication?

A. router(config-ssh-pubkey-user)#key
B. router(conf-ssh-pubkey-user)#key-string
C. router(config-ssh-pubkey)#key-string
D. router(conf-ssh-pubkey-user)#key-string enable ssh

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 46**
A network administrator is creating an ASA-CX administrative user account with the following parameters:

What role will be assigned to the user?

A. Administrator
B. Security administrator
C. System administrator
D. Root Administrator
E. Exec administrator

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 47**
Which tool provides the necessary information to determine hardware lifecycle and compliance details for deployed network devices?

A. Prime Infrastructure
B. Prime Assurance

C. Prime Network Registrar
D. Prime Network Analysis Module

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 48**
Which three compliance and audit report types are available in Cisco Prime Infrastructure? (Choose three.)

A. Service
B. Change Audit
C. Vendor Advisory
D. TAC Service Request
E. Validated Design
F. Smart Business Architecture

**Correct Answer:** ABC
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 49**
Cisco Security Manager can manage which three products? (Choose three.)

A. Cisco IOS
B. Cisco ASA
C. Cisco IPS
D. Cisco WLC
E. Cisco Web Security Appliance
F. Cisco Email Security Appliance
G. Cisco ASA CX
H. Cisco CRS

**Correct Answer:** ABC
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 50**
Which two web browsers are supported for the Cisco ISE GUI? (Choose two.)

A. HTTPS-enabled Mozilla Firefox version 3.x
B. Netscape Navigator version 9
C. Microsoft Internet Explorer version 8 in Internet Explorer 8-only mode
D. Microsoft Internet Explorer version 8 in all Internet Explorer modes
E. Google Chrome (all versions)

**Correct Answer:** AC
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 51**
When a Cisco ASA is configured in multicontext mode, which command is used to change between contexts?

A. changeto config context
B. changeto context
C. changeto/config context change
D. changeto/config context 2

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 52**
Which statement about the Cisco Security Manager 4.4 NAT Rediscovery feature is true?

A. It provides NAT policies to existing clients that connect from a new switch port.
B. It can update shared policies even when the NAT server is offline.
C. It enables NAT policy discovery as it updates shared polices.
D. It enables NAT policy rediscovery while leaving existing shared polices unchanged.

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 53**
When you install a Cisco ASA AIP-SSM, which statement about the main Cisco ASDM home page is true?

A. It is replaced by the Cisco AIP-SSM home page.
B. It must reconnect to the NAT policies database.
C. The administrator can manually update the page.
D. It displays a new Intrusion Prevention panel.

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 54**
Which Cisco product provides a GUI-based device management tool to configure Cisco access routers?

A. Cisco ASDM
B. Cisco CP Express
C. Cisco ASA 5500
D. Cisco CP

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 55**
Which statement about Cisco IPS Manager Express is true?

A. It provides basic device management for large-scale deployments.
B. It provides a GUI for configuring IPS sensors and security modules.
C. It enables communication with Cisco ASA devices that have no administrative access.
D. It provides greater security than simple ACLs.

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 56**
Which three options describe how SNMPv3 traps can be securely configured to be sent by IOS? (Choose three.)

A. An SNMPv3 group is defined to configure the read and write views of the group.
B. An SNMPv3 user is assigned to SNMPv3 group and defines the encryption and authentication credentials.
C. An SNMPv3 host is configured to define where the SNMPv3 traps will be sent.
D. An SNMPv3 host is used to configure the encryption and authentication credentials for SNMPv3 traps.
E. An SNMPv3 view is defined to configure the address of where the traps will be sent.
F. An SNMPv3 group is used to configure the OIDs that will be reported.

**Correct Answer:** ABC
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 57**
A network engineer is asked to configure NetFlow to sample one of every 100 packets on a router's fa0/0 interface. Which configuration enables sampling, assuming that NetFlow is already configured and running on the router's fa0/0 interface?

A. flow-sampler-map flow1mode random one-out-of 100interface fas0/0flow-sampler flow1
B. flow monitor flow1mode random one-out-of 100interface fas0/0ip flow monitor flow1
C. flow-sampler-map flow1one-out-of 100interface fas0/0flow-sampler flow1
D. ip flow-export source fas0/0 one-out-of 100

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 58**
What is the default log level on the Cisco Web Security Appliance?

A. Trace
B. Debug
C. Informational
D. Critical

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 59**
Which command sets the source IP address of the NetFlow exports of a device?

A. ip source flow-export
B. ip source netflow-export
C. ip flow-export source
D. ip netflow-export source

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 60**
Which two SNMPv3 features ensure that SNMP packets have been sent securely?" Choose two.

A. host authorization
B. authentication
C. encryption
D. compression

**Correct Answer:** BC
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 61**
Which three logging methods are supported by Cisco routers? (Choose three.)

A. console logging
B. TACACS+ logging
C. terminal logging
D. syslog logging
E. ACL logging
F. RADIUS logging

**Correct Answer:** ACD
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 62**
Which three options are default settings for NTP parameters on a Cisco device? (Choose three.)

A. NTP authentication is enabled.
B. NTP authentication is disabled.
C. NTP logging is enabled.
D. NTP logging is disabled.
E. NTP access is enabled.
F. NTP access is disabled.

**Correct Answer:** BDE
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 63**
Which two parameters must be configured before you enable SCP on a router? (Choose two.)

A. SSH
B. authorization
C. ACLs
D. NTP
E. TACACS+

**Correct Answer:** AB
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 64**
A network engineer is troubleshooting and configures the ASA logging level to debugging. The logging-buffer is dominated by %ASA-6-305009 log messages. Which command suppresses those syslog messages while maintaining ability to troubleshoot?

A. no logging buffered 305009

B. message 305009 disable
C. no message 305009 logging
D. no logging message 305009

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 65**
Which option describes the purpose of the input parameter when you use the packet-tracer command on a Cisco device?

A. to provide detailed packet-trace information
B. to specify the source interface for the packet trace
C. to display the trace capture in XML format
D. to specify the protocol type for the packet trace

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 66**
What are two primary purposes of Layer 2 detection in Cisco IPS networks? (Choose two.)

A. identifying Layer 2 ARP attacks
B. detecting spoofed MAC addresses and tracking 802.1X actions and data communication after a successful client association
C. detecting and preventing MAC address spoofing in switched environments
D. mitigating man-in-the-middle attacks

**Correct Answer:** AD
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 67**
What is the primary purpose of stateful pattern recognition in Cisco IPS networks?

A. mitigating man-in-the-middle attacks
B. using multipacket inspection across all protocols to identify vulnerability-based attacks and to thwart attacks that hide within a data stream
C. detecting and preventing MAC address spoofing in switched environments
D. identifying Layer 2 ARP attacks

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 68**
What is the maximum jumbo frame size for IPS standalone appliances with 1G and 10G fixed or add- on interfaces?

A. 1024 bytes
B. 1518 bytes
C. 2156 bytes
D. 9216 bytes

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 69**
Which two statements about Cisco IDS are true? (Choose two.)

A. It is preferred for detection-only deployment.
B. It is used for installations that require strong network-based protection and that include sensor tuning.
C. It is used to boost sensor sensitivity at the expense of false positives.
D. It is used to monitor critical systems and to avoid false positives that block traffic.

E. It is used primarily to inspect egress traffic, to filter outgoing threats.

**Correct Answer:** AD
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 70**
What are two reasons for implementing NIPS at enterprise Internet edges? (Choose two.)

A. Internet edges typically have a lower volume of traffic and threats are easier to detect.
B. Internet edges typically have a higher volume of traffic and threats are more difficult to detect.
C. Internet edges provide connectivity to the Internet and other external networks.
D. Internet edges are exposed to a larger array of threats.
E. NIPS is more optimally designed for enterprise Internet edges than for internal network configurations.

**Correct Answer:** CD
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 71**
Which two device types can Cisco Prime Security Manager manage in Multiple Device mode? (Choose two.)

A. Cisco ESA
B. Cisco ASA
C. Cisco WSA
D. Cisco ASA CX

**Correct Answer:** BD
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 72**
To which interface on a Cisco ASA 1000V firewall should a security profile be applied when a VM sits behind it?

A. outside
B. inside
C. management
D. DMZ

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 73**
Enabling what security mechanism can prevent an attacker from gaining network topology information from CDP via a man-in-the-middle attack?

A. MACsec
B. Flex VPN
C. Control Plane Protection
D. Dynamic Arp Inspection

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 74**
When configuring a new context on a Cisco ASA device, which command creates a domain for the context?

A. domain config name
B. domain-name
C. changeto/domain name change
D. domain context 2

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 75**
Which statement describes the correct steps to enable Botnet Traffic Filtering on a Cisco ASA version 9.0 transparent-mode firewall with an active Botnet Traffic Filtering license?

A. Enable DNS snooping, traffic classification, and actions.
B. Botnet Traffic Filtering is not supported in transparent mode.
C. Enable the use of the dynamic database, enable DNS snooping, traffic classification, and actions.
D. Enable the use of dynamic database, enable traffic classification and actions.

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 76**
Which two options are two purposes of the packet-tracer command? (Choose two.)

A. to filter and monitor ingress traffic to a switch
B. to configure an interface-specific packet trace
C. to inject virtual packets into the data path
D. to debug packet drops in a production network
E. to correct dropped packets in a production network

**Correct Answer:** CD
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 77**
Which set of commands creates a message list that includes all severity 2 (critical) messages on a Cisco security device?

A. logging list critical_messages level 2console logging critical_messages
B. logging list critical_messages level 2logging console critical_messages
C. logging list critical_messages level 2logging console enable critical_messages
D. logging list enable critical_messages level 2console logging critical_messages

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 78**
You are configuring a Cisco IOS Firewall on a WAN router that is operating as a Trusted Relay Point (TRP) in a voice network. Which feature must you configure to open data-channel pinholes for voice packets that are sourced from a TRP within the WAN?

A. CAC
B. ACL
C. CBAC
D. STUN

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 79**
Which two voice protocols can the Cisco ASA inspect? (Choose two.)

A. MGCP
B. IAX
C. Skype
D. CTIQBE

**Correct Answer:** AD
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 80**
Enabling what security mechanism can prevent an attacker from gaining network topology information from CDP?

A. MACsec
B. Flex VPN
C. Control Plane Protection
D. Dynamic Arp Inspection

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 81**
What is the lowest combination of ASA model and license providing 1 Gigabit Ethernet interfaces?

A. ASA 5505 with failover license option
B. ASA 5510 Security+ license option
C. ASA 5520 with any license option
D. ASA 5540 with AnyConnect Essentials License option

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 82**
Which two statements about Cisco IOS Firewall are true? (Choose two.)

A. It provides stateful packet inspection.
B. It provides faster processing of packets than Cisco ASA devices provide.
C. It provides protocol-conformance checks against traffic.
D. It eliminates the need to secure routers and switches throughout the network.
E. It eliminates the need to secure host machines throughout the network.

**Correct Answer:** AC
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 83**
What are three attributes that can be applied to a user account with RBAC? (Choose three.)

A. domain
B. password
C. ACE tag
D. user roles
E. VDC group tag
F. expiry date

**Correct Answer:** BDF
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 84**
If you encounter problems logging in to the Cisco Security Manager 4.4 web server or client or backing up its databases, which account has most likely been improperly modified?

A. admin (the default administrator account)
B. casuser (the default service account)
C. guest (the default guest account)

D. user (the default user account)

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

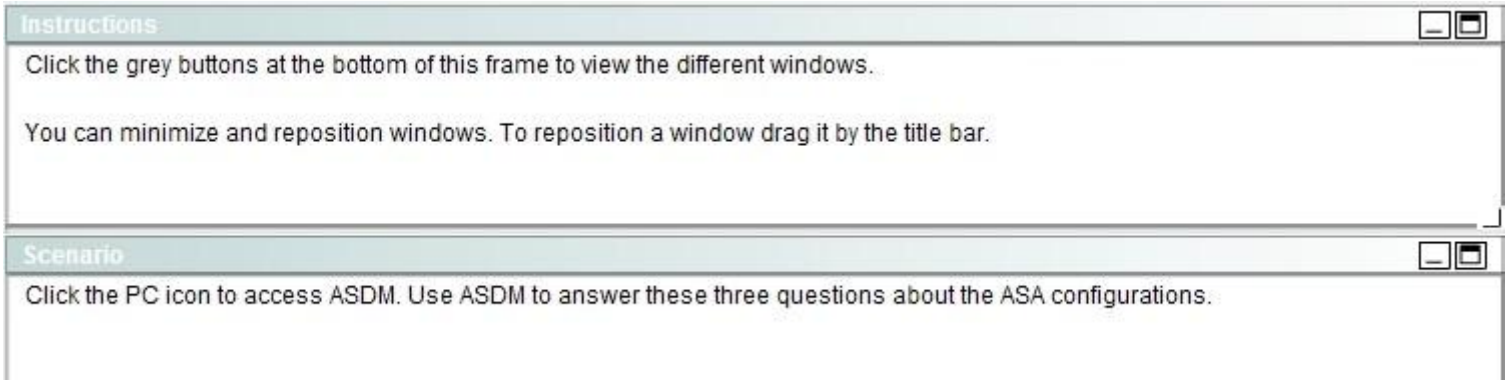
**QUESTION 85**
Which command configures the SNMP server group1 to enable authentication for members of the access list east?

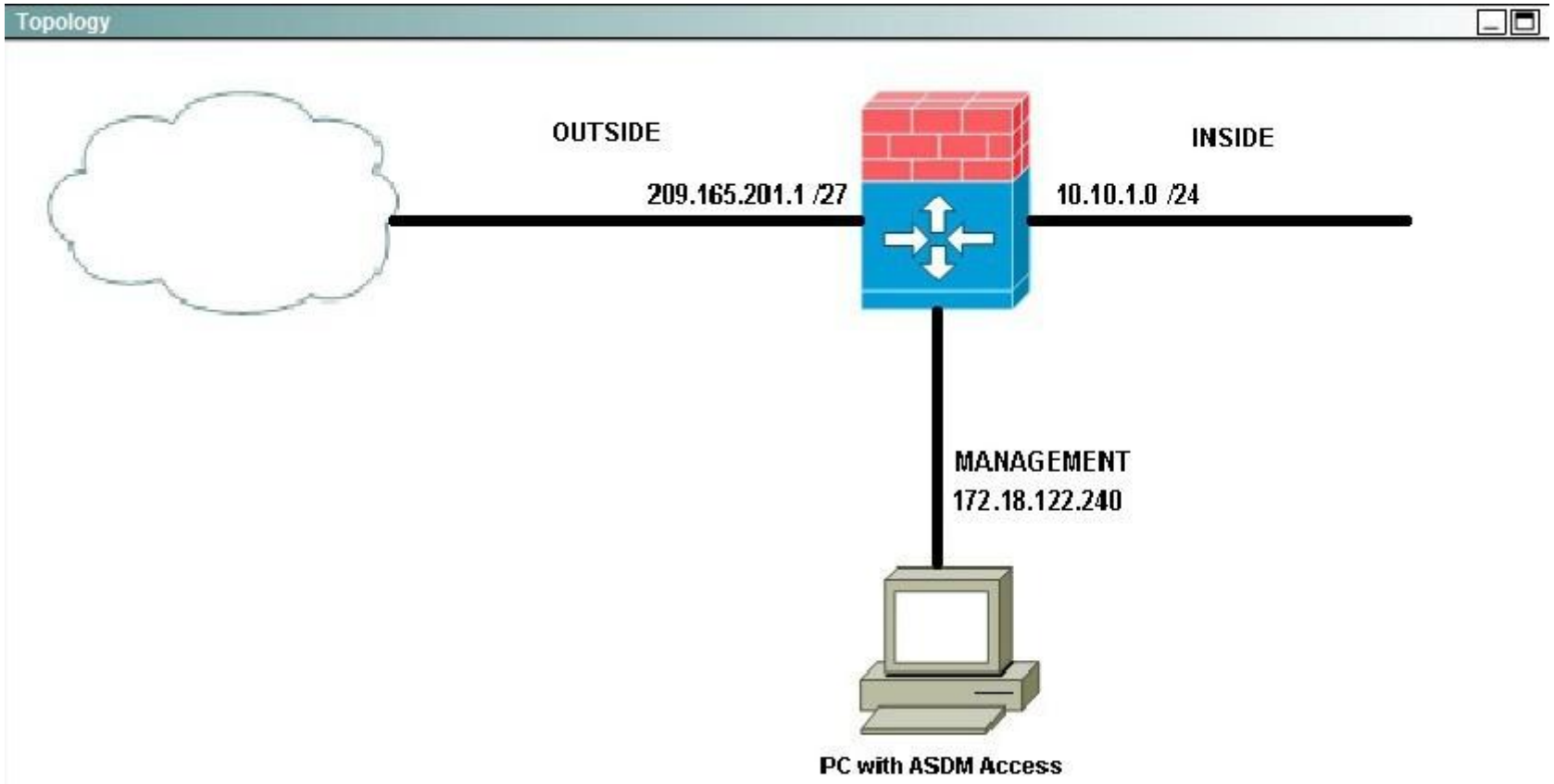
A. snmp-server group group1 v3 auth access east
B. snmp-server group1 v3 auth access east
C. snmp-server group group1 v3 east
D. snmp-server group1 v3 east access

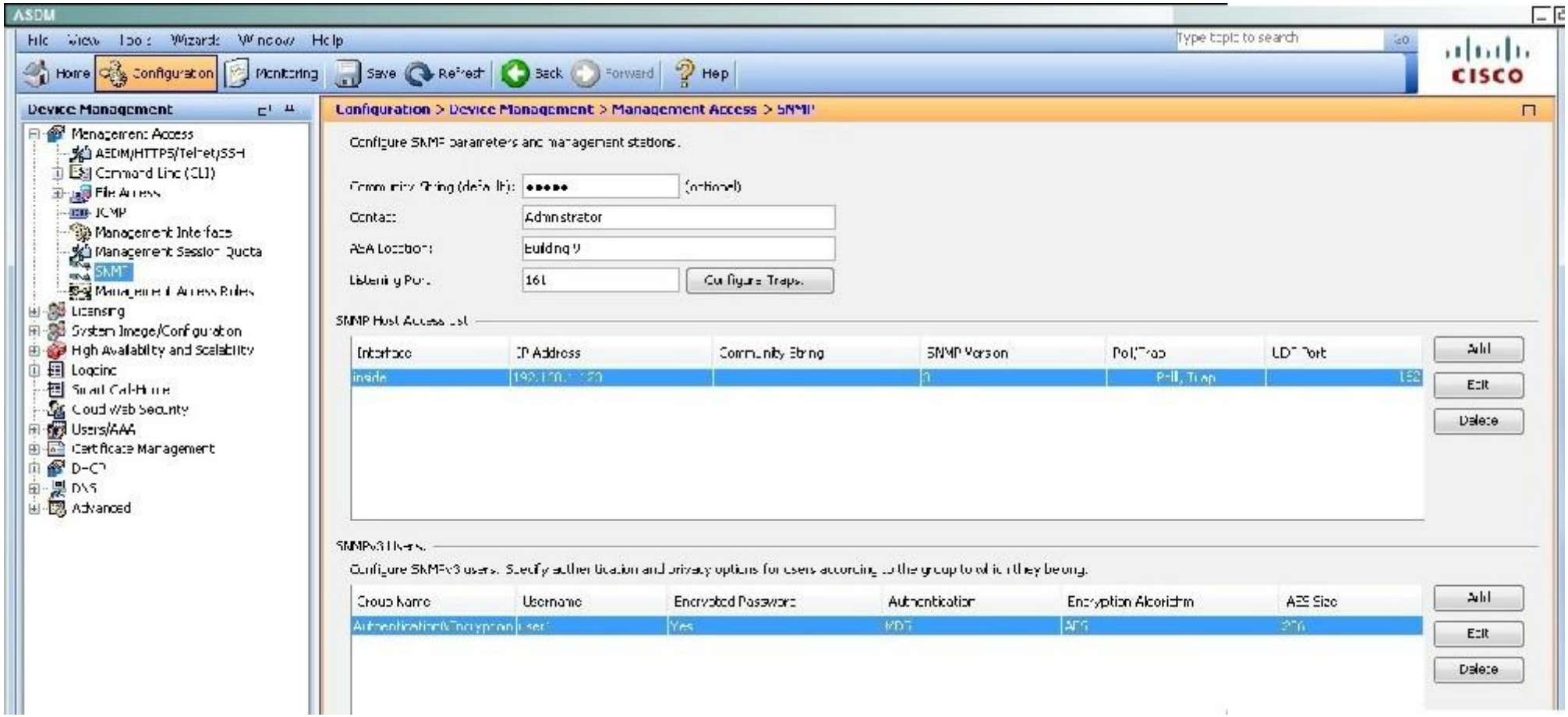
**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 86**








An SNMP host is an IP address to which SNMP notifications and traps are sent. To configure SNMFV3 hosts, which option must you configure in addition to the target IP address?

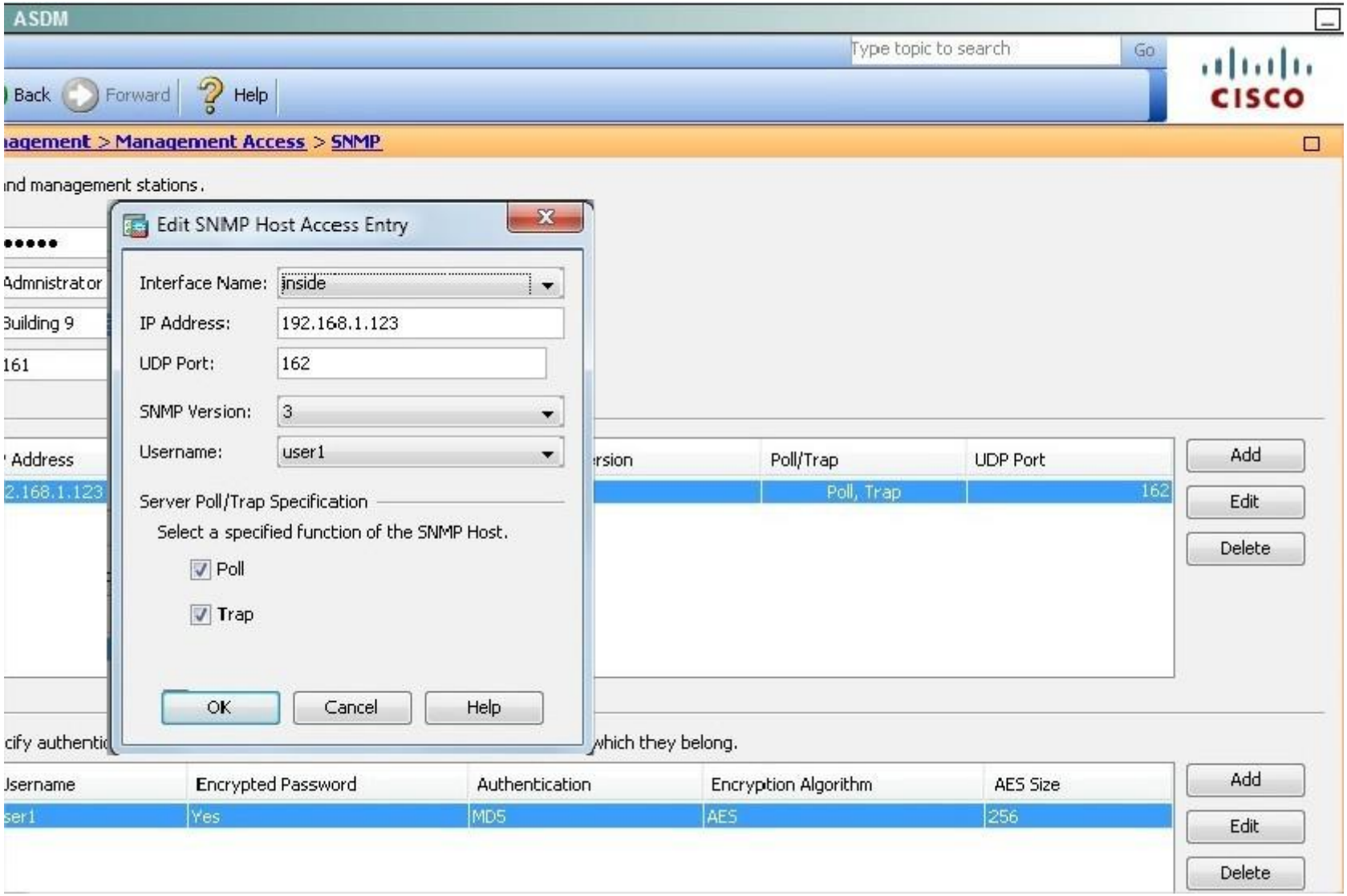
A. the Cisco ASA as a DHCP server, so the SNMFV3 host can obtain an IP address
B. a username, because traps are only sent to a configured user
C. SSH, so the user can connect to the Cisco ASA
D. the Cisco ASA with a dedicated interface only for SNMP, to process the SNMP host traffic.

**Correct Answer:** B

**Section: (none)**
**Explanation**

**Explanation/Reference:**

The username can be seen here on the ASDM simulator screen shot:


ASDM
Type topic to search
Go
Back
Forward
Help
CISCO
agement > Management Access > SNMP
nd management stations.
Edit SNMP Host Access Entry
Interface Name: inside
IP Address: 192.168.1.123
UDP Port: 162
SNMP Version: 3
Username: user1
Server Poll/Trap Specification
Select a specified function of the SNMP Host.
Poll
Trap
OK
Cancel
Help
Address
Poll/Trap
UDP Port
Poll, Trap
162
Add
Edit
Delete
which they belong.
Username
Encrypted Password
Authentication
Encryption Algorithm
AES Size
Yes
MD5
AES
256
Add
Edit
Delete