

Cisco.210-260.v2018-06-23.q129

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NEW QUESTION: 1

When using a stateful firewall, which information is stored in the stateful session flow table?

- A. all TCP SYN packets and the associated return ACK packets only
- B. the outbound and inbound access rules (ACL entries)
- C. the inside private IP address and the translated inside global IP address
- D. all TCP and UDP header information only
- E. the source and destination IP addresses, port numbers, TCP sequencing information, and additional flags for each TCP or UDP connection associated with a particular session

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 2

Drag and Drop Questions

Drag the IKE steps or modes from the left and drop them on the correct categories on the right.

quick mode	IKEv1 Phase 1
supports main or aggressive mode	Target
negotiates the IKE policy	Target
establishes the IPsec SAs	Target
authenticates the peer using PSK or digital certificate	Target
negotiates the IPsec security parameters	
uses DH during the second message exchanges	
can optionally perform additional DH exchanges	
	IKEv1 Phase 2
	Target
	Target
	Target
	Target

Answer:

IKEv1 Phase 1
supports main or aggressive mode
negotiates the IKE policy
authenticates the peer using PSK or digital certificate
uses DH during the second message exchanges
IKEv1 Phase 2
quick mode
establishes the IPsec SAs
negotiates the IPsec security parameters
can optionally perform additional DH exchanges

NEW QUESTION: 3

Which statement best represents the characteristics of a VLAN?

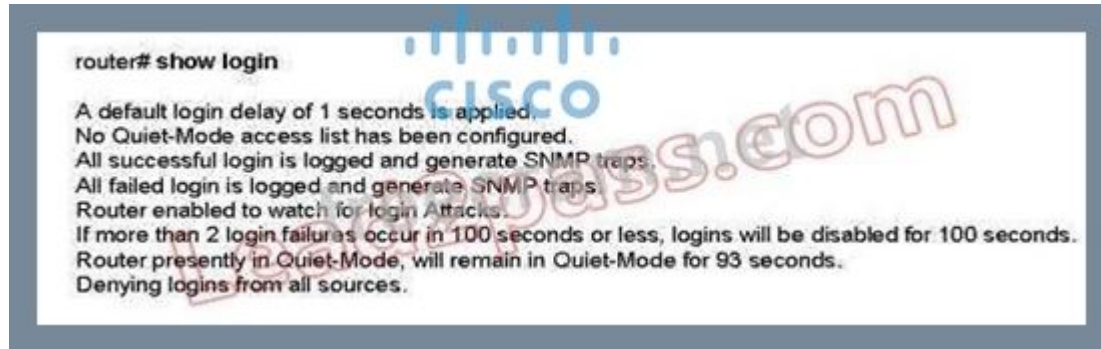
- A. A VLAN is a logical broadcast domain that can span multiple physical LAN segments.
- B. A VLAN can only connect across a LAN within the same building.

- C. Ports in a VLAN will not share broadcasts amongst physically separate switches.
- D. A VLAN provides individual port security.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 4

Refer to the exhibit. Which statement is correct based on the show login command output shown?



- A. All logins from any sources are blocked for another 193 seconds.
- B. Three or more login requests have failed within the last 100 seconds.
- C. When the router goes into quiet mode, any host is permitted to access the router via Telnet, SSH, and HTTP, since the quiet-mode access list has not been configured.
- D. The login block-for command is configured to block login hosts for 93 seconds.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 5

Which router management feature provides for the ability to configure multiple administrative views?

- A. parser view view name
- B. virtual routing and forwarding
- C. role-based CLI
- D. secure config privilege {level}

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 6

What does level 5 in this enable secret global configuration mode command indicate?

- A. The enable secret password is for accessing exec privilege level 5.
- B. router#enable secret level 5 password
- C. Set the enable secret command to privilege level 5.
- D. The enable secret password is hashed using MD5.
- E. The enable secret password is hashed using SHA.
- F. The enable secret password is encrypted using Cisco proprietary level 5 encryption.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 7

Refer to the exhibit. Which statement about this partial CLI configuration of an access control list is true?

```
access list 2 permit 10.10.0.10
access list 2 deny 10.10.0.0 0.0.255.255
access list 2 permit 10.0.0.0 0.255.255.255
interface FastEthernet0/0
ip access-group 2 in
```

- A. The access list accepts all traffic on the 10.0.0.0 subnets.
- B. All traffic from the 10.10.0.0 subnets is denied.
- C. From the 10.10.0.0 subnet, only traffic sourced from 10.10.0.10 is allowed; traffic sourced from the other 10.0.0.0 subnets also is allowed.
- D. This configuration is invalid. It should be configured as an extended ACL to permit the associated wildcard mask.
- E. The access list permits traffic destined to the 10.10.0.10 host on FastEthernet0/0 from any source.
- F. Only traffic from 10.10.0.10 is allowed.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 8

Which four types of VPN are supported using Cisco ISRs and Cisco ASA appliances? (Choose four.)

- A. SSL full-tunnel client remote-access VPNs
- B. IPsec client remote-access VPNs
- C. SSL clientless remote-access VPNs
- D. SSL site-to-site VPNs
- E. IPsec clientless remote-access VPNs
- F. IPsec site-to-site VPNs

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 9

Which type of NAT would you configure if a host on the external network required access to an internal host?

- A. dynamic outside NAT
- B. NAT overload
- C. outside global NAT
- D. static NAT

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 10

Which Cisco IOS command is used to verify that either the Cisco IOS image, the configuration files, or both have been properly backed up and secured?

- A. show file systems
- B. show archive
- C. show flash
- D. dir archive
- E. dir
- F. show secure bootset

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 11

When configuring role-based CLI on a Cisco router, which step is performed first?

- A. Enable role-based CLI globally on the router using the privileged EXEC mode Cisco IOS command.
- B. Log in to the router as the root user.
- C. Create a parser view called "root view."
- D. Enable AAA authentication and authorization using the local database.
- E. Create a root local user in the local database.
- F. Enable the root view on the router.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 12

Which two features are supported by Cisco IronPort Security Gateway? (Choose two.)

- A. DDoS protection
- B. HTTP and HTTPS scanning
- C. spam protection
- D. email encryption
- E. outbreak intelligence

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 13

Which three statements about the IPsec ESP modes of operation are true? (Choose three.)

- A. Transport mode leaves the original IP header in the clear.
- B. Tunnel mode is used between a host and a security gateway.
- C. Tunnel mode only encrypts and authenticates the data.
- D. Tunnel mode is used between two security gateways.
- E. Transport mode authenticates the IP header.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 14

Which type of NAT is used where you translate multiple internal IP addresses to a single global, routable IP address?

- A. dynamic NAT
- B. static NAT
- C. policy NAT
- D. dynamic PAT
- E. policy PAT

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 15

During role-based CLI configuration, what must be enabled before any user views can be created?

- A. TACACS server group
- B. multiple privilege levels

- C. secret password for the root user
- D. aaa new-model command
- E. HTTP and/or HTTPS server
- F. usernames and passwords

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 16

Which statement is true about configuring access control lists to control Telnet traffic destined to the router itself?

- A. The ACL should be applied to all vty lines in the in direction to prevent an unwanted user from connecting to an unsecured port.
- B. The ACL applied to the vty lines has no in or out option like ACL being applied to an interface.
- C. The ACL is applied to the Telnet port with the ip access-group command.
- D. The ACL must be applied to each vty line individually.

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 17

Which option is a characteristic of the RADIUS protocol?

- A. uses TCP
- B. combines authentication and authorization in one process
- C. supports bi-directional challenge
- D. offers multiprotocol support

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 18

Which IPS technique commonly is used to improve accuracy and context awareness, aiming to detect and respond to relevant incidents only and therefore, reduce noise?

- A. risk rating
- B. attack relevancy
- C. target asset value
- D. signature accuracy

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 19

You suspect that an attacker in your network has configured a rogue Layer 2 device to intercept traffic from multiple VLANs, which allows the attacker to capture potentially sensitive data. Which two methods will help to mitigate this type of activity? (Choose two.)

- A. Disable DTP on ports that require trunking
- B. Secure the native VLAN, VLAN 1 with encryption
- C. Place unused active ports in an unused VLAN
- D. Set the native VLAN on the trunk ports to an unused VLAN
- E. Turn off all trunk ports and manually configure each VLAN as required on each port

Answer: A,D ([LEAVE A REPLY](#))

NEW QUESTION: 20

Which two functions are required for IPsec operation? (Choose two.)

- A. using PKI for pre-shared-key authentication
- B. using Diffie-Hellman to establish a shared-secret key
- C. using IKE to negotiate the SA
- D. using SHA for encryption
- E. using AH protocols for encryption and authentication

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 21

Which type of Cisco IOS access control list is identified by 100 to 199 and 2000 to 2699?

- A. named
- B. standard
- C. IPv4 for 100 to 199 and IPv6 for 2000 to 2699
- D. extended

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 22

What is the best way to prevent a VLAN hopping attack?

- A. Disable DTP negotiations.
- B. Physically secure data closets.
- C. Encapsulate trunk ports with IEEE 802.1Q.
- D. Enable BDPU guard.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 23

Drag and Drop Questions

Drag the characteristics from the left and drop them the correct categories on the right.

- Can stop the attack trigger packet
- No network impact if there is a sensor overload
- Allows malicious traffic to pass before it can respond
- Deployed in promiscuous mode
- Can use stream normalization techniques
- More vulnerable to network evasion techniques
- Has some impact on network latency and jitter
- Deployed in inline mode

IPS

Target

Target

Target

Target

IDS

Target

Target

Target

Target

Answer:

Drag the characteristics from the left and drop them the correct categories on the right.

IPS

Can stop the attack trigger packet

Has some impact on network latency and jitter

Deployed in inline mode

Can use stream normalization techniques

IDS

No network impact if there is a sensor overload

Allows malicious traffic to pass before it can respond

Deployed in promiscuous mode

More vulnerable to network evasion techniques

NEW QUESTION: 24

Drag and Drop Questions

Drag the characteristics of a static packet fitter firewall rule and drop them on the right. Not all characteristics are used.

Drag the characteristics of a static packet filter firewall rule and drop them on the right. Not all characteristics are used.

Can permit or deny traffic based on IP address	Target
Maintains connect state	Target
Can permit or deny traffic based on protocol	Target
Can permit or deny based on source and destination ports	
Can dynamically filter traffic based on port negotiations	
Can permit or deny traffic based on fragmented packets	

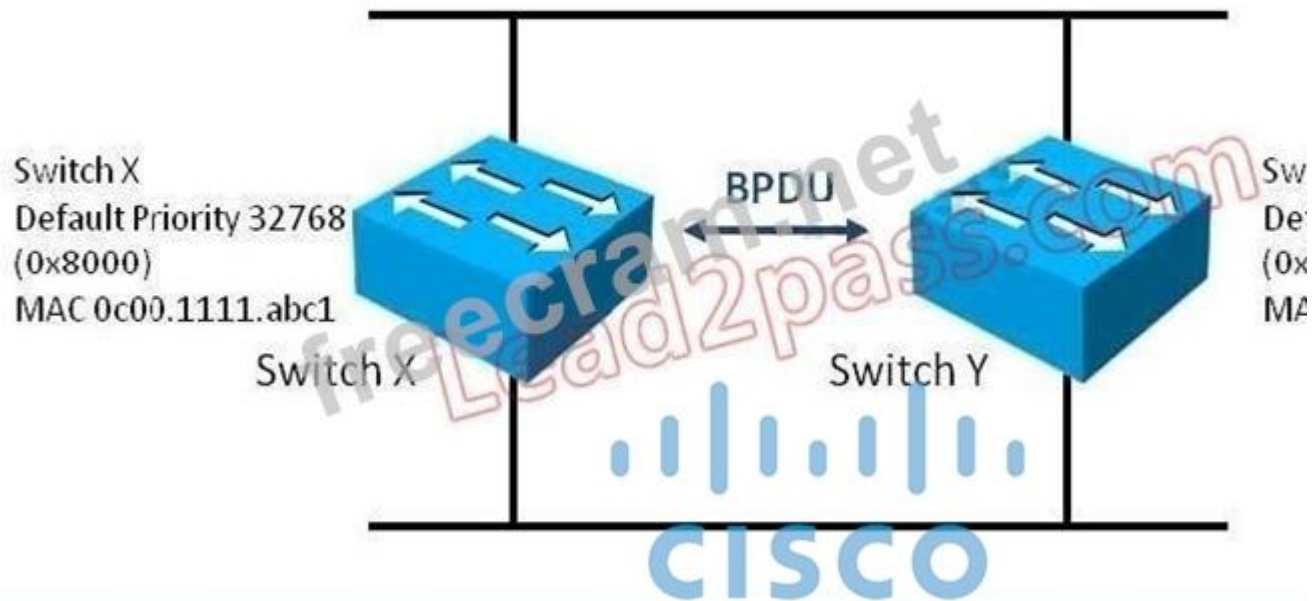
Answer:

Drag the characteristics of a static packet filter firewall rule and drop them on the right. Not all characteristics are used.

Can permit or deny traffic based on IP address	Can permit or deny traffic based on IP address
Maintains connect state	Can permit or deny traffic based on protocol
Can permit or deny traffic based on protocol	Can permit or deny based on source and destination ports
Can permit or deny based on source and destination ports	
Can dynamically filter traffic based on port negotiations	
Can permit or deny traffic based on fragmented packets	

NEW QUESTION: 25

Refer to the exhibit. Which switch is designated as the root bridge in this topology?



- A. switch X
 - B. switch Y
 - C. It depends on which switch came on line first.
 - D. Neither switch would assume the role of root bridge because they have the same default priority.
- Answer: ([SHOW ANSWER](#))

NEW QUESTION: 26

Drag and Drop Questions

Drag the protocol characteristics from the left and drop them on the correct protocols on the right. Not all the options on the left used.

Uses TCP

Uses UDP

Uses IP protocol number 49

Separates the authentication, authorization, and accounting functions

Combinations the authentication and authorization functions

Encrypts the entire body of the packet

Encrypts the password only

Supports authorization of router commands on a per-user or per-group basis

Uses a trusted third party called the key distribution center

Uses a peer-to-peer architecture

TACACS+

Answer:

Drag the protocol characteristics from the left and drop them on the correct protocols on the right. Not all the options on the left used.

	TACACS+
Uses TCP	Uses TCP
Uses UDP	Separates the authentication, authorization, and accounting functions
Uses IP protocol number 49	Encrypts the entire body of the packet
Separates the authentication, authorization, and accounting functions	Supports authorization of router commands on a per-user or per-group basis
Combinations the authentication and authorization functions	RADIUS
Encrypts the entire body of the packet	Uses UDP
Encrypts the password only	Combinations the authentication and authorization functions
Supports authorization of router commands on a per-user or per-group basis	Encrypts the password only
Uses a trusted third party called the key distribution center	
Uses a peer-to-peer architecture	

NEW QUESTION: 27

Which Cisco management tool provides the ability to centrally provision all aspects of device configuration across the Cisco family of security products?

- A. Cisco Configuration Professional
- B. Cisco Security Manager
- C. Cisco Secure Management Server
- D. Security Device Manager

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 28

Which type of firewall technology is considered the versatile and commonly used firewall technology?

- A. static packet filter firewall
- B. proxy firewall
- C. application layer firewall
- D. adaptive layer firewall
- E. stateful packet filter firewall

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 29

Which type of Layer 2 attack causes a switch to flood all incoming traffic to all ports?

- A. VLAN hopping attack
- B. CAM overflow attack
- C. MAC spoofing attack
- D. STP attack

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 30

Which three options are common examples of AAA implementation on Cisco routers? (Choose three.)

- A. tracking Cisco NetFlow accounting statistics
- B. securing the router by locking down all unused services
- C. authenticating remote users who are accessing the corporate LAN through IPsec VPN connections
- D. implementing PKI to authenticate and authorize IPsec VPN peers using digital certificates
- E. performing router commands authorization using TACACS+
- F. authenticating administrator access to the router console port, auxiliary port, and vty ports

Answer: C,E,F ([LEAVE A REPLY](#))

NEW QUESTION: 31

Which statement describes how the sender of the message is verified when asymmetric encryption is used?

- A. The sender encrypts the message using the sender's private key, and the receiver decrypts the message using the sender's public key.
- B. The sender encrypts the message using the receiver's public key, and the receiver decrypts the message using the sender's public key.
- C. The sender encrypts the message using the receiver's public key, and the receiver decrypts the message using the receiver's private key.
- D. The sender encrypts the message using the sender's public key, and the receiver decrypts the message using the sender's private key.
- E. The sender encrypts the message using the receiver's private key, and the receiver decrypts the message using the receiver's public key.

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 32

You are the security administrator for a large enterprise network with many remote locations. You have been given the assignment to deploy a Cisco IPS solution. Where in the network would be the best place to deploy Cisco IOS IPS?

- A. outside the firewall of the corporate headquarters Internet connection
- B. at remote branch offices
- C. inside the firewall of the corporate headquarters Internet connection
- D. at the entry point into the data center

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 33

Which kind of table do most firewalls use today to keep track of the connections through the firewall?

- A. queuing
- B. state
- C. netflow
- D. dynamic ACL
- E. express forwarding
- F. reflexive ACL

Answer: ([SHOW ANSWER](#))

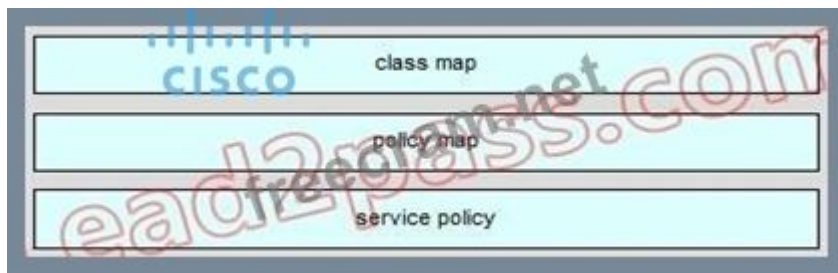
NEW QUESTION: 34

Drag and Drop Questions

Drag the CLI configuration steps to implement a zone-based policy firewall from the left and drop them in the correct order on the right.

policy map	Target
service policy	Target
class map	Target

Answer:



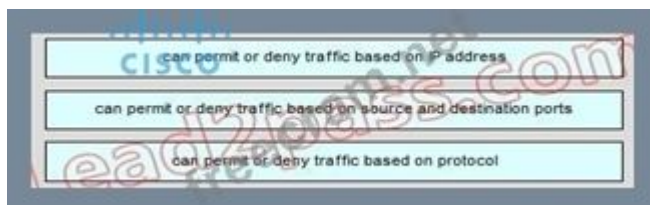
NEW QUESTION: 35

Drag and Drop Questions

Drag the characteristics of a static packet filter firewall rule and drop them on the right. Not all characteristics are used.

can permit or deny traffic based on IP address	Target
maintains connection state	Target
can permit or deny traffic based on protocol	Target
can permit or deny traffic based on source and destination ports	
can dynamically filter traffic based on port negotiations	
can permit or deny traffic based on fragmented packets	

Answer:



NEW QUESTION: 36

Refer to the exhibit. Based on the show policy-map type inspect zone-pair session command output shown, what can be determined about this Cisco IOS zone based firewall policy?

```

Class-map TEST-Class (match-any)
  Match: access-group 110
  Match: protocol http
  Inspect
    Established Sessions
      Session 643BCF88 (10.0.2.12:3364)=>(172.26.26.51:80) http SIS_OPEN
        Created 00:00:10, Last heard 00:00:00
        Bytes sent (initiator:responder) [1268:64324]
      Session 643BB9C8 (10.0.2.12:3361)=>(172.26.26.51:80) http SIS_OPEN
        Created 00:00:16, Last heard 00:00:06
        Bytes sent (initiator:responder) [2734:38447]
      Session 643BD240 (10.0.2.12:3362)=>(172.26.26.51:80) http SIS_OPEN
        Created 00:00:14, Last heard 00:00:07
        Bytes sent (initiator:responder) [2219:39813]
      Session 643BBF38 (10.0.2.12:3363)=>(172.26.26.51:80) http SIS_OPEN
        Created 00:00:14, Last heard 00:00:06
        Bytes sent (initiator:responder) [2106:19895]
    Class-map: class-default (match-any)
      Match: any
      Drop (default action)
        59 packets, 2104 bytes

```

- A. Stateful packet inspection will be applied only to HTTP packets that also match ACL 110.
- B. This is an outbound policy (applied to traffic sourced from the more secured zone destined to the less secured zone).
- C. This is an inbound policy (applied to traffic sourced from the less secured zone destined to the more secured zone).
- D. All non-HTTP traffic will be permitted to pass as long as it matches ACL 110.
- E. All non-HTTP traffic will be inspected.
- F. All packets will be dropped since the class-default traffic class is matching all traffic.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 37

Which aaa accounting command is used to enable logging of the start and stop records for user terminal sessions on the router?

- A. aaa accounting connection start-stop tacacs+
- B. aaa accounting exec start-stop tacacs+
- C. aaa accounting system start-stop tacacs+
- D. aaa accounting network start-stop tacacs+
- E. aaa accounting commands 15 start-stop tacacs+

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 38

Lab Simulation

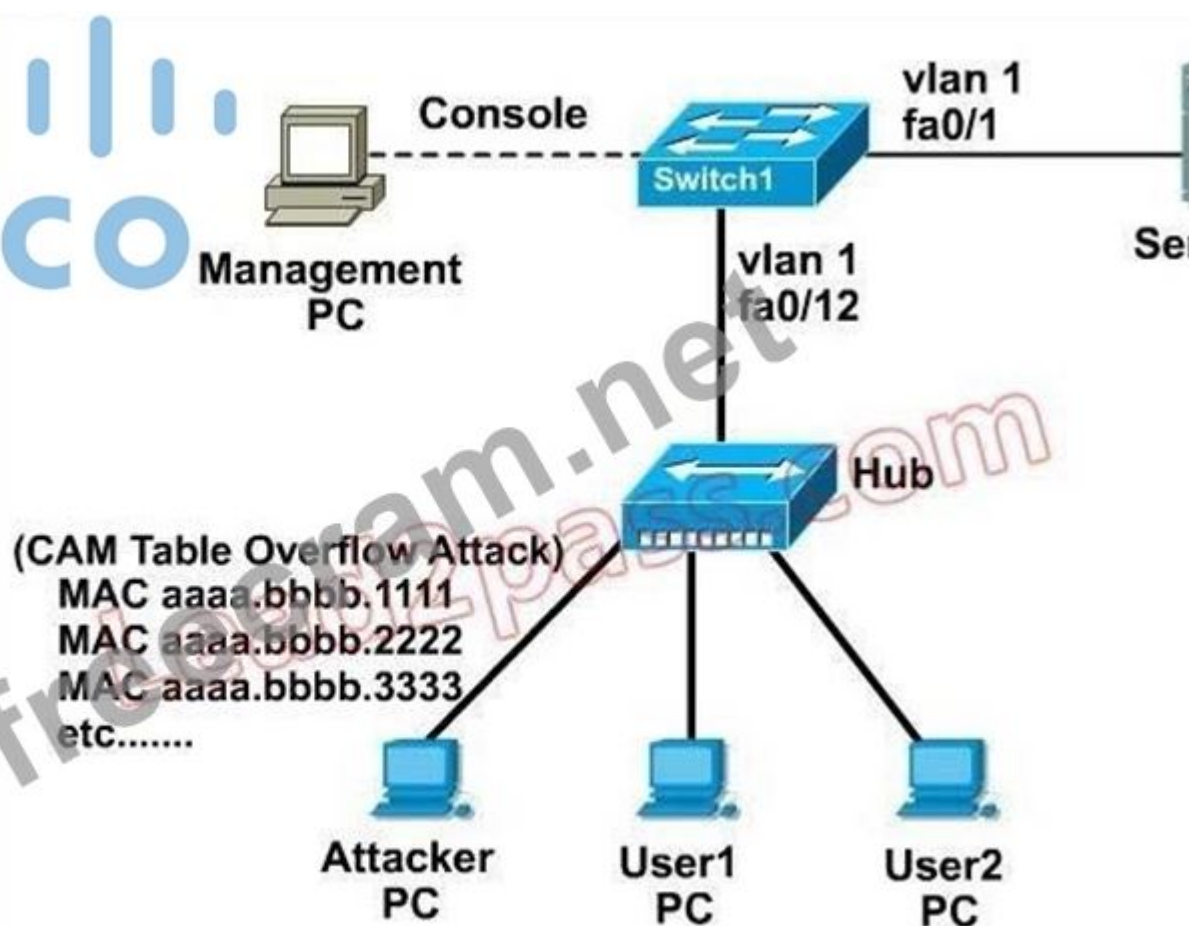


You will have to scroll this window and the problem statement window to view the entire problem.

To configure the switch, click on a host icon that is connected to a switch by a serial console cable (shown in the diagram as a curved dashed line).

The "Tab" key

Hide Topology



You are the network security administrator for Big Money Bank Co . You are informed that an attacker has performed a CAM table overflow attack by sending spoofed MAC addresses on one of the switch ports. The attacker has been identified and escorted out of the campus. You now need to take action to configure the switch to protect against this kind of attack in the future.

For purposes of this test, the attacker was connected via a hub to the Fa0/12 interface of the switch provided for your use. The enable password of the switch is **cisco**. Your task is to configure the switch to limit the maximum number of MAC addresses that are allowed to access the port to 5 and to shutdown the interface when there is a violation.

Enable password: **cisco**

```

--S#show run
Building configuration...
Current configuration :
!
version 12.1
no service pad
Service timestamps debug uptime
Service timestamps log uptime
No service password-encryption
!
Hostname      -S
!
!
Enable secret 5 $1$0/yw#toqA0XRiCtY8gh7pM06fS0
!
Ip subnet-zero
!
Ip ssh time-out 120
Ip ssh authentication-retries 3
!
Spanning-tree mode pvst
No spanning-tree optimize bpdu transmission
Spanning-tree extend system-id
!
.....
!
Interface FastEthernet0/22
!
Interface FastEthernet0/23
!
Interface FastEthernet0/24
switchport mode trunk
!
Interface GigabitEthernet0/1
!
Interface GigabitEthernet0/2
!
Interface vlan1
ip address 172.26.26.202 255.255.255.0
no ip route-cache
!
Ip http server
!
!
Line con 0
Line aux 0

Line vty 5 15
password cisco
Login
!
End
-S#

```

A. Switch1>enable

Switch1#config t

Switch1(config)#interface fa0/12

Switch1(config-if)#switchport mode access

Switch1(config-if)#switchport port-security maximum 2

Switch1(config-if)#switchport port-security violation shutdown

```
Switch1(config-if)#no shut
Switch1(config-if)#end
Switch1#copy run start
```

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 39

Which statement is true when you have generated RSA keys on your Cisco router to prepare for secure device management?

- A. The SSH protocol is automatically enabled.
- B. You must then zeroize the keys to reset secure shell before configuring other parameters.
- C. You must then specify the general-purpose key size used for authentication with the crypto key generate rsa general-keys modulus command.
- D. All vty ports are automatically enabled for SSH to provide secure management.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 40

Which option represents a step that should be taken when a security policy is developed?

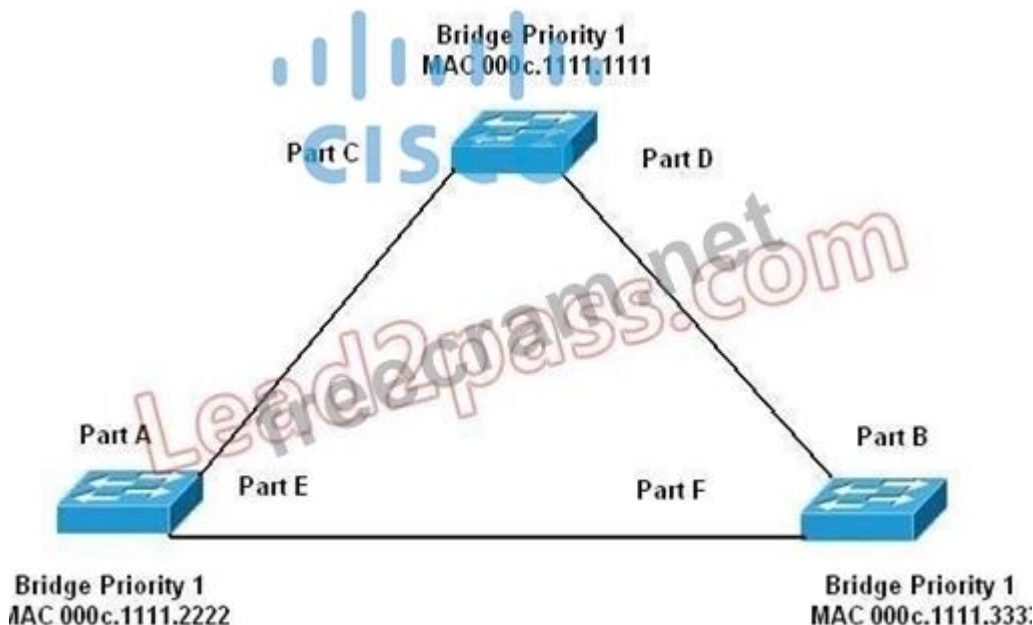
- A. Perform penetration testing.
- B. Determine device risk scores.
- C. Implement a security monitoring system.
- D. Perform quantitative risk analysis.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 41

Drag and Drop Questions

Refer to the exhibit. Drag the port(s) from the left and drop them on the correct STP roles on the right. Not all options on the left are used.



Port E	root port(s)
Port F	designated port(s)
Ports A and B	non-designated port(s)
Ports C and D	
Ports C, D, and E	
Ports A, B, and F	
Ports A, B, and E	
Ports A, B, C, and D	

Answer:

Port E	Ports A and B
	Ports C, D, and E
	Port F
Ports C and D	
Ports A, B, and F	
Ports A, B, and E	
Ports A, B, C, and D	

NEW QUESTION: 42

Drag and Drop Questions

Drag the items from the left and drop them on their definitions on the right.

False positive

A signature is not fired when non-offending traffic is captured and analyzed

False negative

A signature is not fired when offending traffic is detected

True positive

An alarm is triggered by normal traffic or a benign action

True negative

Generates an alarm when offending traffic is detected

Answer:

Drag the items from the left and drop them on their definitions on the right.

False positive

A signature is not fired when non-offending traffic is captured and analyzed

False negative

A signature is not fired when offending traffic is detected

True positive

An alarm is triggered by normal traffic or a benign action

True negative

Generates an alarm when offending traffic is detected

NEW QUESTION: 43

Refer to the exhibit. Which three statements about these three show outputs are true? (Choose three.)

outer#show crypto isakmp policy

Protection suite of priority 1

encryption algorithm: 3DES - Data Encryption Standard (168 bit keys).
hash algorithm: Secure Hash Standard
authentication method: preshared
Diffie-Hellman group: #2 (1024 bit)
lifetime: 86400 seconds, no volume limit

Protection suite of priority 2

encryption algorithm: DES - Data Encryption Standard (56 bit keys).
hash algorithm: Secure Hash Standard
authentication method: preshared
Diffie-Hellman group: #2 (1024 bit)
lifetime: 86400 seconds, no volume limit

Default protection suite

encryption algorithm: DES - Data Encryption Standard (56 bit keys).
hash algorithm: Secure Hash Standard
authentication method: Rivest-Shamir-Adleman Signature
Diffie-Hellman group: #1 (768 bit)
lifetime: 86400 seconds, no volume limit

outer#show crypto ipsec transform-set

Transform set mine: { esp-128-aes esp-sha-hmac } will negotiate = { Tunnel, },

outer#show crypto map

Crypto Map "mymap" 10 ipsec-isakmp

Peer = 172.16.1.2

Extended IP access list 110

access-list 110 permit ip 10.10.10.0 0.0.0.255 10.10.20.0 0.0.0.255

Current peer: 172.16.1.2

Security association lifetime: 4608000 kilobytes/3600 seconds

PFS (Y/N): N

Transform set(s): mine, 1

- A. The IPsec transform set specifies the use of GRE over IPsec tunnel mode.
- B. The IPsec transform set uses SHA for data confidentiality.
- C. The crypto map shown is for an IPsec site-to-site VPN tunnel.
- D. Traffic matched by ACL 110 is encrypted.
- E. The default ISAKMP policy uses a digital certificate to authenticate the IPsec peer.
- F. The default ISAKMP policy has higher priority than the other two ISAKMP policies with a priority of 1 and 2

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 44

Which security measure must you take for native VLANs on a trunk port?

- A. Native VLANs for trunk ports should match access VLANs to ensure that cross-VLAN traffic from multiple switches can be delivered to physically disparate switches.
- B. Native VLANs for trunk ports should never be used anywhere else on the switch.
- C. Native VLANs for trunk ports should be tagged with 802.1Q.
- D. The native VLAN for trunk ports should be VLAN 1.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 45

Which statement about disabled signatures when using Cisco IOS IPS is true?

- A. They are not scanned or processed.
- B. They are considered to be "retired" signatures.
- C. They do not take any actions, but do produce alerts.

D. They still consume router resources.

Answer: (SHOW ANSWER)

NEW QUESTION: 46

Drag and Drop Questions

Drag the items from the left that are part of a secure network lifecycle and drop them in the spaces on the right. Not all items are used.

initiation	Target
implementation	Target
acquisition and development	Target
disposition	Target
staff roles and responsibilities	
operations and management	
incident response policy	

Answer:

initiation
implementation
acquisition and development
disposition
operations and management

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NEW QUESTION: 47

Which two considerations about secure network management are important? (Choose two.)

- A. Do not use a loopback interface for device management access.
- B. log tampering
- C. Use RADIUS for router commands authorization.
- D. off-site storage
- E. encryption algorithm strength
- F. accurate time stamping

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 48

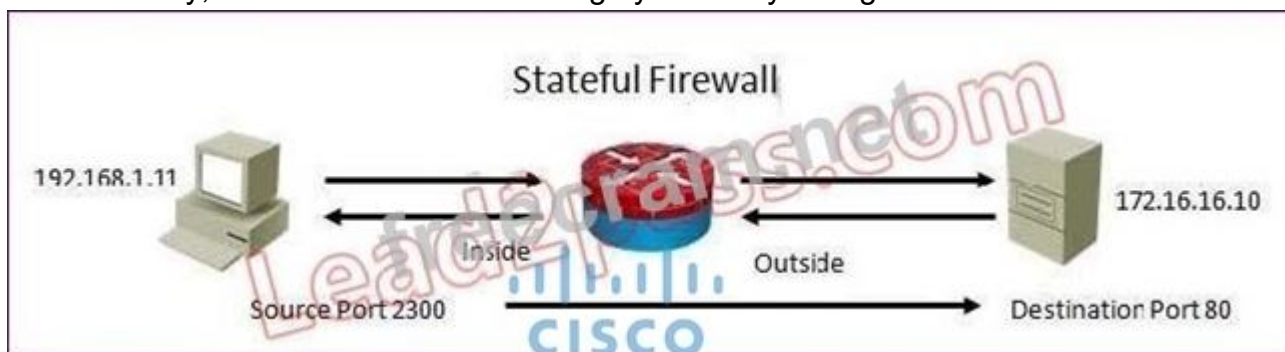
Which syslog level is associated with LOG_WARNING?

- A. 3
- B. 6
- C. 4
- D. 2
- E. 5
- F. 1

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 49

Refer to the exhibit. Using a stateful packet firewall and given an inside ACL entry of permit ip 192.16.1.0 0.0.0.255 any, what would be the resulting dynamically configured ACL for the return traffic on the outside ACL?



- A. permit tcp host 172.16.16.10 eq 80 host 192.168.1.11 eq 2300
- B. permit tcp any eq 80 host 192.168.1.11 eq 2300
- C. permit ip host 172.16.16.10 eq 80 host 192.168.1.0 0.0.0.255 eq 2300
- D. permit ip 172.16.16.10 eq 80 192.168.1.0 0.0.0.255 eq 2300

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 50

Which statement about asymmetric encryption algorithms is true?

- A. They use different keys for encryption and decryption of data.
- B. They use the same key for encryption and decryption of data.
- C. They use the same key for decryption but different keys for encryption of data.
- D. They use different keys for decryption but the same key for encryption of data.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 51

Refer to the exhibit. Which statement about the aaa configurations is true?

```
router(config)# username admin privilege level 15 secret hardt0cRackPw
router(config)# aaa new-model
router(config)# aaa authentication login default tacacs+
router(config)# aaa authentication login test tacacs+ local
router(config)# line vty 0 4
router(config-line)# login authentication test
router(config-line)# line con 0
router(config-line)# end
```

- A. The authentication method list used by the console port is named test.
- B. The local database is checked first when authenticating console and vty access to the router.
- C. The authentication method list used by the vty port is named test.
- D. If the TACACS+ AAA server is not available, console access to the router can be authenticated using the local database.
- E. If the TACACS+ AAA server is not available, no users will be able to establish a Telnet session with the router.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 52

Which protocol secures router management session traffic?

- A. SSH
- B. SSTP
- C. Telnet
- D. POP

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 53

Which location is recommended for extended or extended named ACLs?

- A. an intermediate location to filter as much traffic as possible
- B. a location as close to the source traffic as possible
- C. when using the established keyword, a location close to the destination point to ensure that return traffic is allowed
- D. a location as close to the destination traffic as possible

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 54

Which description of the Diffie-Hellman protocol is true?

- A.** It is a data integrity algorithm that is used within the IKE exchanges to guarantee the integrity of the message of the IKE exchanges.
- B.** It uses asymmetrical encryption to provide authentication over an unsecured communications channel.
- C.** It provides a way for two peers to establish a shared-secret key, which only they will know, even though they are communicating over an unsecured channel.
- D.** It uses symmetrical encryption to provide data confidentiality over an unsecured communications channel.
- E.** It is used within the IKE Phase 1 exchange to provide peer authentication.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 55

Drag and Drop Questions

Drag the item the left and drop them on their functions on the right.

Control plane	secures transit traffic through the router
Data plane	secures router access
Management plane	secures traffic destined to the router itself

Answer:

Drag the item the left and drop them on their functions on the right.

Data plane
Management plane
Control plane

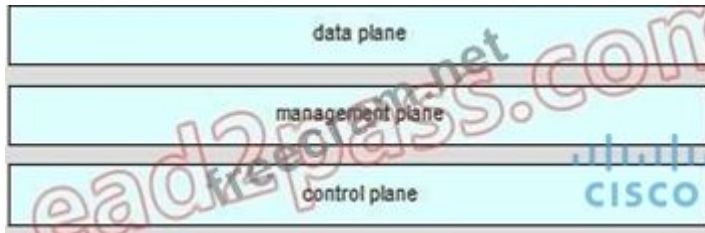
NEW QUESTION: 56

Drag and Drop Questions

Drag the items from the left and drop them on their functions on the right.

control plane	secures transit traffic through the router
data plane	secures router access
management plane	secures traffic destined to the router itself

Answer:



NEW QUESTION: 57

Which IPsec transform set provides the strongest protection?

- A. crypto ipsec transform-set 5 esp-des esp-sha-hmac
- B. crypto ipsec transform-set 1 esp-3des esp-sha-hmac
- C. crypto ipsec transform-set 6 esp-des esp-md5-hmac
- D. crypto ipsec transform-set 4 esp-aes esp-md5-hmac
- E. crypto ipsec transform-set 3 esp-aes 256 esp-sha-hmac
- F. crypto ipsec transform-set 2 esp-3des esp-md5-hmac

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 58

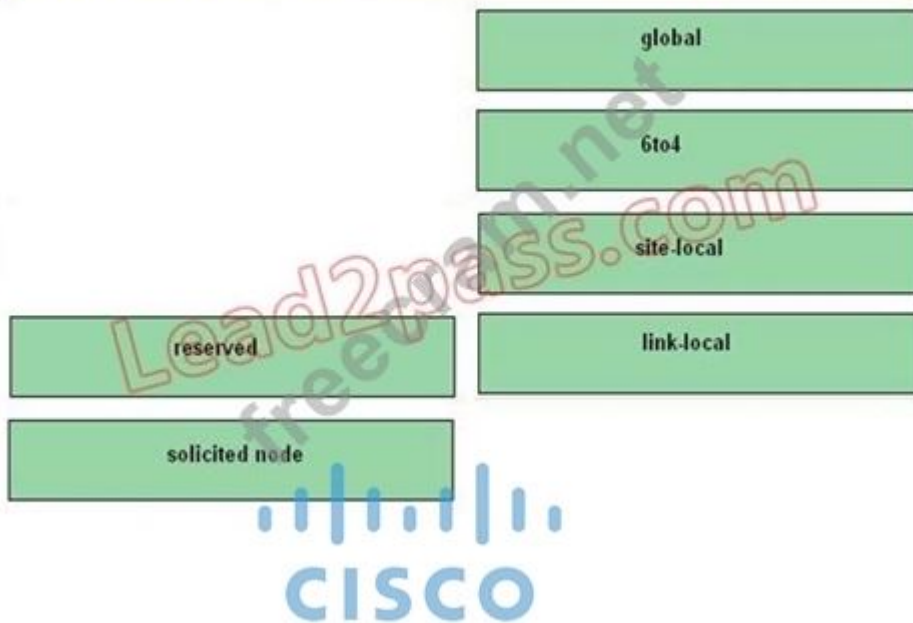
Drag and Drop Questions

Drag the correct IPv6 unicast address types from the left and drop them on the boxes on the right. Not all types are used.

global	Target
6to4	Target
link-local	Target
reserved	Target
solicited node	
site-local	

Answer:

Drag the correct IPv6 unicast address types from the left and drop them on the boxes on the right. Not all types are used.



NEW QUESTION: 59

Which two characteristics represent a blended threat? (Choose two.)

- A. day zero attack
- B. denial of service attack
- C. man-in-the-middle attack
- D. trojan horse attack
- E. pharming attack

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 60

Refer to the exhibit and partial configuration. Which statement is true?



- A. This is a misconfigured ACL resulting in traffic not being allowed into the router in interface S0.
- B. This ACL will prevent any host on the Internet from spoofing the inside network address as the source address for packets coming into the router from the Internet.
- C. All traffic destined for network 172.16.150.0 will be denied due to the implicit deny all.
- D. Access-list 101 will prevent address spoofing from interface E0.
- E. All traffic from network 10.0.0.0 will be permitted.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 61

How are Cisco IOS access control lists processed?

- A. Permit ACL entries are matched first before the deny ACL entries.
- B. The global ACL is matched first before the interface ACL.
- C. The best match ACL is matched first.
- D. Standard ACLs are processed first.
- E. ACLs are matched from top down.

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 62

What does the MD5 algorithm do?

- A. takes a fixed-length message and produces a 128-bit message digest
- B. takes a variable-length message and produces a 168-bit message digest
- C. takes a message less than 2^{64} bits as input and produces a 160-bit message digest
- D. takes a variable-length message and produces a 128-bit message digest

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 63

Refer to the exhibit. Which statement about this output is true?

```
Oct 13 19:46:06.170: AAA/MEMORY: create_user (0x4C5E1F60) user='tecteam'
ruser='NULL' ds0=0 port='tty515' rem_addr='10.0.2.13' authen_type=ASCII
service=ENABLE priv=15 initial_task_id='0', vrf= (id=0)
Oct 13 19:46:06.170: AAA/AUTHEN/START(2600878790): port='tty515' list=""
action=LOGIN service=ENABLE
Oct 13 19:46:06.170: AAA/AUTHEN/START(2600878790): console enable - default to
enable password (if any)
Oct 13 19:46:06.170: AAA/AUTHEN/START(2600878790): Method=ENABLE
Oct 13 19:46:06.170: AAA/AUTHEN(2600878790): status=GETPASS
Oct 13 19:46:07.266: AAA/AUTHEN/CONT(2600878790): continue_login
(user='(undef)')
Oct 13 19:46:07.266: AAA/AUTHEN(2600878790): status=GETPASS
Oct 13 19:46:07.266: AAA/AUTHEN/CONT(2600878790): Method=ENABLE
Oct 13 19:46:07.266: AAA/AUTHEN(2600878790): password incorrect
Oct 13 19:46:07.266: AAA/AUTHEN(2600878790): status=FAIL
Oct 13 19:46:07.266: AAA/MEMORY: free_user (0x4C5E1F60) user='NULL'
ruser='NULL' port='tty515' rem_addr='10.0.2.13' authen_type=ASCII service=ENABLE
priv=15 vrf= (id=0)
```

- A. The user logged in and was given privilege level 15.
- B. The user logged into the router with the incorrect username and password.
- C. The login failed because there was no default enable password.
- D. The login failed because the password entered was incorrect.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 64

Which four tasks are required when you configure Cisco IOS IPS using the Cisco Configuration Professional IPS wizard? (Choose four.)

- A. Specify the configuration location and select the category of signatures to be applied to the selected interface(s).
- B. Add or remove IPS alerts actions based on the risk rating.
- C. Select the interface(s) to apply the IPS rule.
- D. Specify the signature file and the Cisco public key.

- E. Select the traffic flow direction that should be applied by the IPS rule.
- F. Select the IPS bypass mode (fail-open or fail-close).

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 65

What will be disabled as a result of the no service password-recovery command?

- A. password encryption service
- B. ROMMON
- C. the xmodem privilege EXEC mode command to recover the Cisco IOS image
- D. changes to the config-register setting
- E. aaa new-model global configuration command

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 66

Which two characteristics of the TACACS+ protocol are true? (Choose two.)

- A. is an open RFC standard protocol
- B. separates AAA functions
- C. encrypts the body of every packet
- D. offers extensive accounting capabilities
- E. uses UDP ports 1645 or 1812

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 67

You use Cisco Configuration Professional to enable Cisco IOS IPS. Which state must a signature be in before any actions can be taken when an attack matches that signature?

- A. enabled, unretired, and successfully complied
- B. unretired
- C. successfully complied and unretired
- D. enabled
- E. successfully complied
- F. unretired and enabled
- G. successfully complied and enabled

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 68

When AAA login authentication is configured on Cisco routers, which two authentication methods should be used as the final method to ensure that the administrator can still log in to the router in case the external AAA server fails? (Choose two.)

- A. if-authenticated
- B. group RADIUS
- C. krb5

- D. local
- E. enable
- F. group TACACS+

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 69

If you are implementing VLAN trunking, which additional configuration parameter should be added to the trunking configuration?

- A. switchport nonnegotiate
- B. switchport mode DTP
- C. no switchport mode access
- D. no switchport trunk native VLAN 1

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 70

Which two services are provided by IPsec? (Choose two.)

- A. Internet Key Exchange
- B. Authentication Header
- C. Encapsulating Security Payload
- D. Data Integrity
- E. Confidentiality

Answer: ([SHOW ANSWER](#))

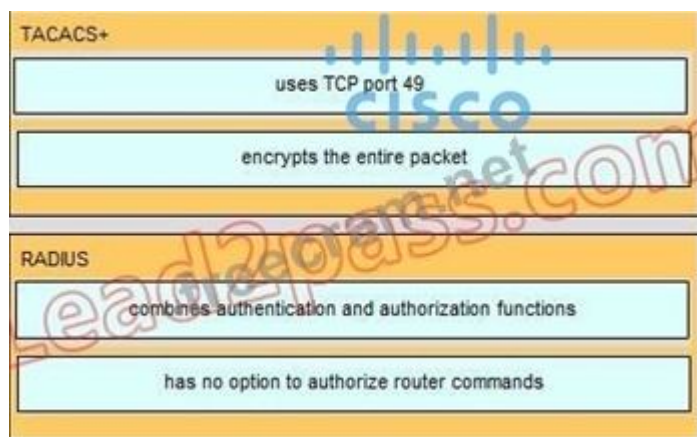
NEW QUESTION: 71

Drag and Drop Questions

Drag each AAA function from the left and drop it on the protocol that it corresponds to on the right.

has no option to authorize router commands	TACACS+
encrypts the entire packet	
combines authentication and authorization functions	
uses TCP port 49	
	RADIUS

Answer:



NEW QUESTION: 72

Which statement about an access control list that is applied to a router interface is true?

- A. It filters traffic in the inbound and outbound directions.
- B. An empty ACL blocks all traffic.
- C. It only filters traffic that passes through the router.
- D. It filters pass-through and router-generated traffic.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 73

Which two options represent a threat to the physical installation of an enterprise network? (Choose two.)

- A. security guards
- B. electrical power
- C. surveillance camera
- D. change control
- E. computer room access

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 74

Refer to the exhibit. What does the option secret 5 in the username global configuration mode command indicate about the user password?

```
router#sh run | include username
username test secret 5 $1$knm.$GOGQBIL8TK77P0LWxvX4O0
```

- A. It is hashed using SHA.
- B. It is encrypted using the service password-encryption command.
- C. It is hashed using a proprietary Cisco hashing algorithm.
- D. It is encrypted using a proprietary Cisco encryption algorithm.
- E. It is encrypted using DH group 5.
- F. It is hashed using MD5.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 75

Drag and Drop Questions

Drag the IPS detection approaches from the left and drop on the correct IPS detection technology categories on the right.

Detects attacks based on known attack fingerprints	policy-based
Detects unexpected traffic spikes	anomaly-based
Only allows HTTPS traffic to the web server	signature-based
Detects events based on correlations with a blacklist downloaded from a dynamically updated database	reputation-based

Answer:

Drag the IPS detection approaches from the left and drop on the correct IPS detection technology categories on the right.

Only allows HTTPS traffic to the web server
Detects unexpected traffic spikes
Detects attacks based on known attack fingerprints
Detects events based on correlations with a blacklist downloaded from a dynamically updated database

NEW QUESTION: 76

Which two options are two of the built-in features of IPv6? (Choose two.)

- A. VLSM
- B. native IPsec
- C. mobile IP
- D. controlled broadcasts
- E. NAT

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 77

Drag and Drop Questions

Match the cryptographic algorithms on the left with the type of algorithm on the right.

3DES	
RSA	
Diffie-Hellman	
AES	
IDEA	
Elliptical Curve	

Answer:

Match the cryptographic algorithms on the left with the type of algorithm on the right.

3DES	
RSA	
Diffie-Hellman	
AES	
IDEA	
Elliptical Curve	

NEW QUESTION: 78

On Cisco ISR routers, for what purpose is the realm-cisco.pub public encryption key used?

- A. used to verify the digital signature of the IPS signature file
- B. used to generate a persistent self-signed identity certificate for the ISR so administrators can authenticate the ISR when accessing it using Cisco Configuration Professional
- C. used to enable asymmetric encryption on IPsec and SSL VPNs
- D. used for SSH server/client authentication and encryption
- E. used during the DH exchanges on IPsec VPNs

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 79

Which command enables Cisco IOS image resilience?

- A. secure boot-<IOS image filename>
- B. secure boot-start
- C. secure boot-image
- D. secure boot-running-config

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 80

Which option is a key difference between Cisco IOS interface ACL configurations and Cisco ASA appliance interface ACL configurations?

- A. The Cisco ASA appliance interface ACL also applies to traffic directed to the IP addresses of the Cisco ASA appliance interfaces.
- B. The Cisco ASA appliance interface ACL configurations use netmasks instead of wildcard masks.

- C. The Cisco ASA appliance does not support standard ACL. The Cisco ASA appliance only support extended ACL.
- D. The Cisco IOS interface ACL has an implicit permit-all rule at the end of each interface ACL.
- E. Cisco IOS supports interface ACL and also global ACL. Global ACL is applied to all interfaces.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 81

Which type of network masking is used when Cisco IOS access control lists are configured?

- A. priority masking
- B. extended subnet masking
- C. wildcard masking
- D. standard subnet masking

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 82

Drag and Drop Questions

Drag the disaster recovery concepts from the left and drop them on their definitions on the right.

recovery point objective	the age of the data you want the in event of a system d
maximum tolerable downtime	the amount of downtime accepted for a
recovery time objective	the amount of downtime accepted t business process ou

Answer:

recovery point objective
recovery time objective
maximum tolerable downtime

NEW QUESTION: 83

Which option is the correct representation of the IPv6 address 2001:0000:150C:0000:0000:41B1:45A3:041D?

- A. 2001:0:150c::41b1:45a3:41d
- B. 2001:0:150c:0::41b1:45a3:04d1
- C. 2001::150c::41b1:45a3:041d
- D. 2001:150c::41b1:45a3::41d

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 84

Which type of management reporting is defined by separating management traffic from production traffic?

- A. out-of-band
- B. in-band
- C. SSH
- D. IPsec encrypted

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 85

Which type of Cisco ASA access list entry can be configured to match multiple entries in a single statement?

- A. nested object-class
- B. class-map
- C. extended wildcard matching
- D. object groups

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 86

What is the key difference between host-based and network-based intrusion prevention?

- A. Network-based IPS can provide protection to desktops and servers without the need of installing specialized software on the end hosts and servers.
- B. Host-based IPS deployment requires less planning than network-based IPS.
- C. Network-based IPS provides better protection against OS kernel-level attacks against hosts and servers.
- D. Host-based IPS can work in promiscuous mode or inline mode.
- E. Network-based IPS is better suited for inspection of SSL and TLS encrypted data flows.
- F. Host-based IPS is more scalable than network-based IPS.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 87

Which statement describes a best practice when configuring trunking on a switch port?

- A. Enable encryption on the trunk port.
- B. Enable authentication and encryption on the trunk port.
- C. Disable double tagging by enabling DTP on the trunk port.
- D. Configure an unused VLAN as the native VLAN.
- E. Limit the allowed VLAN(s) on the trunk to the native VLAN only.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 88

When Cisco IOS zone-based policy firewall is configured, which three actions can be applied to a traffic class? (Choose three.)

- A. inspect

- B. pass
- C. police
- D. shape
- E. queue
- F. drop

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 89

Which Layer 2 protocol provides loop resolution by managing the physical paths to given network segments?

- A. STP
- B. root guard
- C. port fast
- D. HSRP

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 90

Which priority is most important when you plan out access control lists?

- A. Always put the ACL closest to the source of origination.
- B. Build ACLs based upon your security policy.
- C. Place deny statements near the top of the ACL to prevent unwanted traffic from passing through the router.
- D. Always test ACLs in a small, controlled production environment before you roll it out into the larger production network.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 91

Which statement is a benefit of using Cisco IOS IPS?

- A. It works in passive mode so as not to impact traffic flow.
- B. It supports the complete signature database as a Cisco IPS sensor appliance.
- C. The signature database is tied closely with the Cisco IOS image.
- D. It uses the underlying routing infrastructure to provide an additional layer of security.

Answer: ([SHOW ANSWER](#))

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<https://www.edudump.com/exams/Cisco/210-260/premium/> (**515** Q&As Dumps, **35%OFF** Special Discount Code: **freecram**)

NEW QUESTION: 92

When STP mitigation features are configured, where should the root guard feature be deployed?

- A. toward user-facing ports
- B. toward ports that connect to switches that should not be the root bridge
- C. on all switch ports
- D. Root guard should be configured globally on the switch.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 93

Which statement describes a result of securing the Cisco IOS image using the Cisco IOS image resilience feature?

- A. The running Cisco IOS image is encrypted and then automatically backed up to a TFTP server.
- B. When the router boots up, the Cisco IOS image is loaded from a secured FTP location.
- C. The running Cisco IOS image is encrypted and then automatically backed up to the NVRAM.
- D. The Cisco IOS image file is not visible in the output from the show flash command.
- E. The show version command does not show the Cisco IOS image file location.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 94

Drag and Drop Questions

Match the descriptions on the left with the IKE phases on the right.

Match the descriptions on the left with the IKE phases on the right.

Perform a Diffie-Hellman exchange	
Establish IPsec SAs	
Negotiate IPsec security policies	
Negotiate IKE policy sets and authenticate peers	
Perform an optional Diffie-Hellman exchange	

Answer:

Match the descriptions on the left with the IKE phases on the right.

Perform a Diffie-Hellman exchange	Negotiate
Establish IPsec SAs	Per
Negotiate IPsec security policies	
Negotiate IKE policy sets and authenticate peers	
Perform an optional Diffie-Hellman exchange	Ne
	Perform

CISCO

NEW QUESTION: 95

For what purpose is the Cisco ASA appliance web launch SSL VPN feature used?

- A. to optimize the SSL VPN connections using DTLS
- B. to enable smart tunnel access for applications that are not web-based
- C. to enable users to login to a web portal to download and launch the AnyConnect client
- D. to enable split tunneling when using clientless SSL VPN access
- E. to enable single-sign-on so the SSL VPN users need only log in once

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 96

Lab Simulation

Instruction

This item contains a simulation task. Refer to the scenario and topology before starting. Open the Topology window and click the a virtual terminal. Check your configuration from the client system in the topology.

Scenario

You are the security administrator for a small company. You need to modify an existing configuration of a Cisco Integrated Services Router. Using Cisco Configuration Professional (CCP), you will need to add the following configurations to the router to meet security policy requirements.

Configure Network Time Protocol (NTP)
Preferred NTP Server IP 192.168.4.2
Source Interface FastEthernet 0/1
Authentication key of 1 with a key value of cisco

Create a new Access Rule
Name Inbound
Type Extended Rule

Create and add a new Rule Entry to the Access Rule
Permit any source and any destination for protocol eigrp

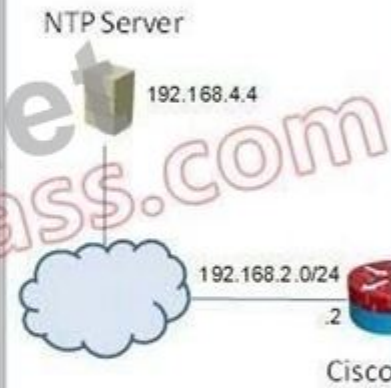
Add an additional Rule Entry to the Access Rule
Permit any source to the 10.0.2.0/24 network for protocol 80

Associate this new Access Rule to the **OUTSIDE** interface in the **INBOUND** direction

NOTE: Allow CCP to add an entry rule to allow NTP traffic

TOPOLOGY

Scenario topology



Instruction

Scenario

TOPOLOGY

Virtual Terminal

http://127.0.0.1:8600/Counterpoint/CPMain.html?rand=9185 - Windows Internet Explorer provided by Cisco

ApplicationHelp

HomeConfigureMonitor

Cisco Configura

Select Community Member:

10.0.2.1

<< Home >>

Community View

Community View

Cisco Configuration Professional News

Date	Title
22-Jul-2010	Provide CCP Feedback

Community Information

Selected community: New Community . Select a device from the table below. Use

Filter

IP address / Hostname	Router Hostname	Connection Type
10.0.2.1	pod-2-isr	Secure

Manage DevicesDeleteDiscoverDiscovery Details

Utilities

Flash File Management

Software Upgrade

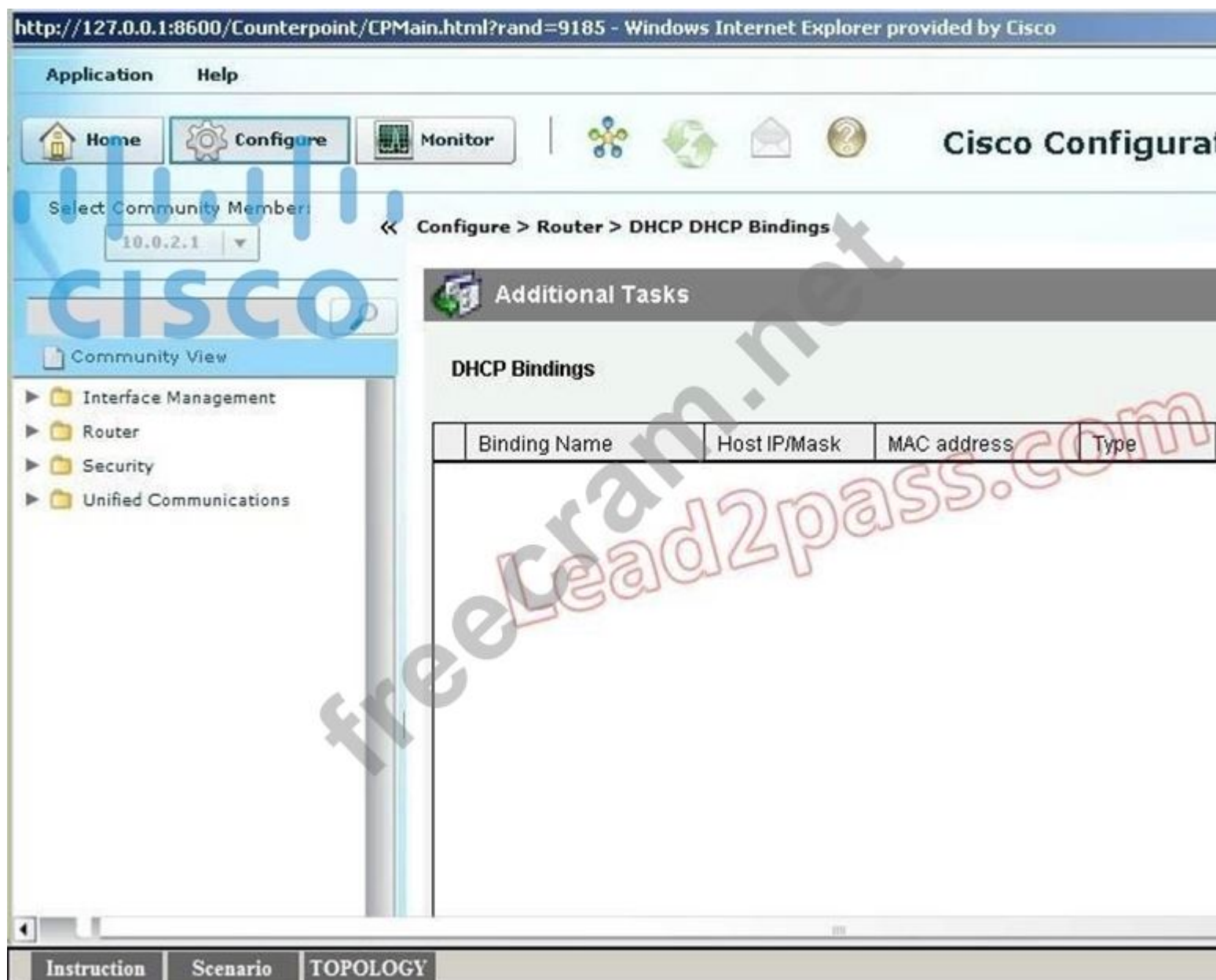
Configuration Editor

Save Configuration to PC

Write to Startup Configuration

Telnet

InstructionScenarioTOPOLOGY



A. For the NTP portion:

Click on Router - Time - NTP and SNTP on left hand pane. Then click the Add button. Enter the Server IP address and source interface and key information as specified. Also be sure to click the Prefer button.

For the access rule portion:

Click on Router - ACL - ACL Editor. Click Add button. Then enter Inbound for the name and make sure rule is extended. Then click Add at the rule entry. Then ensure that permit is selected and that source and destination boxes both say Any IP Address (They should already).

Under Protocol and Service select EIGRP. Hit OK.

Then click add button again. Leave the source as any and click the destination box as "A network" and type in 10.0.2.0 and select the wildcard mask as 0.0.0.255. Click on the TCP protocol button and select "www" Hit OK.

Finally, click on edit for this rule and click on the Associate button. Select the outside interface and select the inbound direction.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 97

Which type of security control is defense in depth?

- A. risk analysis
- B. overt and covert channels
- C. threat mitigation
- D. botnet mitigation

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 98

Which three statements about applying access control lists to a Cisco router are true? (Choose three.)

- A. ACLs always search for the most specific entry before taking any filtering action.
- B. Place more specific ACL entries at the top of the ACL.
- C. Place generic ACL entries at the top of the ACL to filter general traffic and thereby reduce "noise" on the network.
- D. Router-generated packets cannot be filtered by ACLs on the router.
- E. If an access list is applied but it is not configured, all traffic passes.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 99

Refer to the exhibit. You are a network manager for your organization. You are looking at your Syslog server reports. Based on the Syslog message shown, which two statements are true? (Choose two.)

Feb 1 10:12:08 PST: %SYS-5-CONFIG_I: Configured from console by vty0 (10.2.2.6)

- A. This message is unimportant and can be ignored.
- B. Service timestamps have been globally enabled.
- C. This message is a level 5 notification message.
- D. This is a normal system-generated information message and does not require further investigation.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 100

Which statement about Cisco IOS IPS on Cisco IOS Release 12.4(11)T and later is true?

- A. uses the built-in signatures that come with the Cisco IOS image as backup
- B. supports both inline and promiscuous mode
- C. supports SDEE, SYSLOG, and SNMP for sending Cisco IPS alerts
- D. uses Cisco IPS 5.x signature format
- E. requires the Basic or Advanced Signature Definition File
- F. requires IEV for monitoring Cisco IPS alerts

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 101

Which type of intrusion prevention technology is the primary type used by the Cisco IPS security appliances?

- A. protocol analysis-based

- B. profile-based
- C. signature-based
- D. NetFlow anomaly-based
- E. rule-based

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 102

Which two options are characteristics of the Cisco Configuration Professional Security Audit wizard?

(Choose two.)

- A. has two modes of operation: interactive and non-interactive
- B. automatically enables Cisco IOS firewall and Cisco IOS IPS to secure the router
- C. requires users to first identify which router interfaces connect to the inside network and which connect to the outside network
- D. uses interactive dialogs and prompts to implement role-based CLI
- E. displays a screen with fix-it check boxes to let you choose which potential security-related configuration changes to implement

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 103

Which option can be used to authenticate the IPsec peers during IKE Phase 1?

- A. pre-shared key
- B. ACS
- C. integrity check value
- D. AH
- E. XAUTH
- F. Diffie-Hellman Nonce

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 104

With Cisco IOS zone-based policy firewall, by default, which three types of traffic are permitted by the router when some of the router interfaces are assigned to a zone? (Choose three.)

- A. traffic flowing among the interfaces that are members of the same zone
- B. traffic flowing between a zone member interface and any interface that is not a zone member
- C. traffic flowing to the zone member interface that is returned traffic
- D. traffic flowing between a zone member interface and another interface that belongs in a different zone
- E. traffic flowing among the interfaces that are not assigned to any zone
- F. traffic flowing to and from the router interfaces (the self zone)

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 105

What does the secure boot-config global configuration accomplish?

- A. takes a snapshot of the router running configuration and securely archives it in persistent storage
- B. enables Cisco IOS image resilience
- C. stores a secured copy of the Cisco IOS image in its persistent storage
- D. backs up the Cisco IOS image from flash to a TFTP server
- E. backs up the router running configuration to a TFTP server

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 106

Which access list permits HTTP traffic sourced from host 10.1.129.100 port 3030 destined to host 192.168.1.10?

- A. access-list 101 permit tcp 10.1.129.0 0.0.0.255 eq www 192.168.1.10 0.0.0.0 eq www
- B. access-list 101 permit tcp 192.168.1.10 0.0.0.0 eq 80 10.1.0.0 0.0.255.255
- C. access-list 101 permit tcp host 192.168.1.10 eq 80 10.1.0.0 0.0.255.255 eq 3030
- D. access-list 101 permit ip host 10.1.129.100 eq 3030 host 192.168.1.100 eq 80
- E. access-list 101 permit tcp 10.1.128.0 0.0.1.255 eq 3030 192.168.1.0 0.0.0.15 eq www
- F. access-list 101 permit tcp any eq 3030

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 107

Which option is a characteristic of a stateful firewall?

- A. will allow outbound communication, but return traffic must be explicitly permitted
- B. allows modification of security rule sets in real time to allow return traffic
- C. can analyze traffic at the application layer
- D. supports user authentication

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 108

Which characteristic is the foundation of Cisco Self-Defending Network technology?

- A. secure network platform
- B. secure connectivity
- C. threat control and containment
- D. policy management

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 109

When configuring SSL VPN on the Cisco ASA appliance, which configuration step is required only for Cisco AnyConnect full tunnel SSL VPN access and not required for clientless SSL VPN?

- A. group policy
- B. connection profile
- C. IP address pool
- D. SSL VPN interface
- E. user authentication

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 110

Which three modes of access can be delivered by SSL VPN? (Choose three.)

- A. TLS tunnel mode
- B. clientless
- C. IPsec SSL
- D. TLS transport mode
- E. full tunnel client
- F. thin client

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 111

Which two options are advantages of an application layer firewall? (Choose two.)

- A. provides high-performance filtering
- B. supports a large number of applications
- C. makes DoS attacks difficult
- D. authenticates devices
- E. authenticates individuals

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 112

When port security is enabled on a Cisco Catalyst switch, what is the default action when the configured maximum number of allowed MAC addresses value is exceeded?

- A. The port remains enabled, but bandwidth is throttled until old MAC addresses are aged out.
- B. The MAC address table is cleared and the new MAC address is entered into the table.
- C. The port is shut down.
- D. The violation mode of the port is set to restrict.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 113

You have been tasked by your manager to implement syslog in your network. Which option is an important factor to consider in your implementation?

- A. Use SSH to access your syslog information.
- B. Enable the highest level of syslog function available to ensure that all possible event messages are logged.
- C. Synchronize clocks on the network with a protocol such as Network Time Protocol.
- D. Log all messages to the system buffer so that they can be displayed when accessing the router.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 114

You have configured a standard access control list on a router and applied it to interface Serial 0 in an outbound direction. No ACL is applied to Interface Serial 1 on the same router. What happens when traffic being filtered by the access list does not match the configured ACL statements for Serial 0?

- A. The resulting action is determined by the destination IP address.
- B. The traffic is dropped.
- C. The source IP address is checked, and, if a match is not found, traffic is routed out interface Serial 1.
- D. The resulting action is determined by the destination IP address and port number.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 115

Which option is a feature of Cisco ScanSafe technology?

- A. RSA Email DLP
- B. spam protection
- C. DDoS protection
- D. consistent cloud-based policy

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 116

Which characteristic is a potential security weakness of a traditional stateful firewall?

- A. It cannot detect application-layer attacks.
- B. It works only in promiscuous mode.
- C. The status of TCP sessions is retained in the state table after the sessions terminate.
- D. It cannot ensure each TCP connection follows a legitimate TCP three-way handshake.
- E. It has low performance due to the use of syn-cookies.
- F. It cannot support UDP flows.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 117

Which Cisco IPS product offers an inline, deep-packet inspection feature that is available in integrated services routers?

- A. Cisco AIP-SSM
- B. Cisco AIM

C. Cisco IOS IPS

D. Cisco iSDM

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 118

Which statement about PVLAN Edge is true?

A. The switch does not forward any traffic from one protected port to any other protected port.

B. By default, when a port policy error occurs, the switchport shuts down.

C. The switch only forwards traffic to ports within the same VLAN Edge.

D. PVLAN Edge can be configured to restrict the number of MAC addresses that appear on a single port.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 119

Drag and Drop Questions

Drag each AAA function on the left to the protocol that it corresponds to.

Has no option to authorize router commands	
Encrypts the entire packet	
Combines authentication and authorization functions	
Uses TCP port 49	

CISCO

Answer:

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NEW QUESTION: 122

Refer to the exhibit. This Cisco IOS access list has been configured on the FA0/0 interface in the inbound direction. Which four TCP packets sourced from 10.1.1.1 port 1030 and routed to the FA0/0 interface are permitted?
(Choose four.)

```
access-list 102 permit tcp any 192.168.15.32 0.0.0.31 eq www
access-list 102 deny ip any 192.168.15.32 0.0.0.31
access-list 102 permit ip any any

Current configuration : 156 bytes
!
interface FastEthernet0
 ip address 192.168.32.13 255.255.255.0
 ip access-group IOS in
 ip flow ingress
 ip flow egress
 duplex auto
 speed auto
!
end

Router(config-ext-nacl)#do show access-1 IOS
Extended IP access list 102:
 10 permit tcp host 10.1.1.1 eq 1030 host 192.168.15.80 eq telnet
 20 permit tcp host 10.1.1.1 eq 1030 host 192.168.15.66 eq 8080
 30 permit tcp host 10.1.1.1 eq 1030 host 192.168.15.36 eq www
 40 permit tcp host 10.1.1.1 eq 1030 host 192.168.15.63 eq www
Router(config-ext-nacl)#
```

- A. destination ip address: 192.168.15.36 destination port: 80
- B. destination ip address: 192.168.15.37 destination port: 22
- C. destination ip address: 192.168.15.80 destination port: 23
- D. destination ip address: 192.168.15.40 destination port: 21
- E. destination ip address: 192.168.15.66 destination port: 8080
- F. destination ip address: 192.168.15.63 destination port: 80

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 123

You want to use the Cisco Configuration Professional site-to-site VPN wizard to implement a site- to-site IPsec VPN using pre-shared key.

Which four configurations are required (with no defaults)? (Choose four.)

- A. the VPN peer IP address
- B. the interesting traffic (the traffic to be protected)

- C. the IKE policy
- D. the interface for the VPN connection
- E. the IPsec transform-set
- F. the pre-shared key

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 124

Which option describes the purpose of Diffie-Hellman?

- A. used for asymmetric public key encryption
- B. used between the initiator and the responder to establish a basic security policy
- C. used to establish a symmetric shared key via a public key exchange process
- D. used to verify the identity of the peer

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 125

Which step is important to take when implementing secure network management?

- A. Implement in-band management whenever possible.
- B. Implement telnet for encrypted device management access.
- C. Implement SNMP with read/write access for troubleshooting purposes.
- D. Implement management plane protection using routing protocol authentication.
- E. Synchronize clocks on hosts and devices.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 126

Which three statements about the Cisco ASA appliance are true? (Choose three.)

- A. The DMZ interface(s) on the Cisco ASA appliance most typically use a security level between 1 and 99.
- B. The Cisco ASA appliance supports user-based access control using 802.1x.
- C. The Cisco ASA appliance has no default MPF configurations.
- D. The Cisco ASA appliance supports Active/Active or Active/Standby failover.
- E. An SSM is required on the Cisco ASA appliance to support Botnet Traffic Filtering.
- F. The Cisco ASA appliance uses security contexts to virtually partition the ASA into multiple virtual firewalls.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 127

Which statement describes how VPN traffic is encrypted to provide confidentiality when using asymmetric encryption?

- A. The sender encrypts the data using the sender's public key, and the receiver decrypts the data using the receiver's public key.
- B. The sender encrypts the data using the receiver's public key, and the receiver decrypts the data using the receiver's private key.
- C. The sender encrypts the data using the receiver's private key, and the receiver decrypts the data using the sender's public key.

- D. The sender encrypts the data using the sender's public key, and the receiver decrypts the data using the sender's private key.
- E. The sender encrypts the data using the receiver's private key, and the receiver decrypts the data using the receiver's public key.
- F. The sender encrypts the data using the sender's private key, and the receiver decrypts the data using the sender's public key.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 128

Which single Cisco IOS ACL entry permits IP addresses from 172.16.80.0 to 172.16.87.255?

- A. permit 172.16.80.0 0.0.248.255
- B. permit 172.16.80.0 255.255.240.0
- C. permit 172.16.80.0 0.0.3.255
- D. permit 176.16.80.0 255.255.252.0
- E. permit 172.16.80.0 255.255.248.0
- F. permit 172.16.80.0 0.0.7.255

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 129

A Cisco ASA appliance has three interfaces configured. The first interface is the inside interface with a security level of 100. The second interface is the DMZ interface with a security level of 50. The third interface is the outside interface with a security level of 0. By default, without any access list configured, which five types of traffic are permitted? (Choose five.)

- A. HTTP return traffic originating from the inside network and returning via the outside interface
- B. outbound traffic initiated from the inside to the outside
- C. outbound traffic initiated from the DMZ to the outside
- D. inbound traffic initiated from the outside to the DMZ
- E. HTTP return traffic originating from the outside network and returning via the inside interface
- F. outbound traffic initiated from the inside to the DMZ
- G. HTTP return traffic originating from the inside network and returning via the DMZ interface
- H. inbound traffic initiated from the DMZ to the inside
- I. HTTP return traffic originating from the DMZ network and returning via the inside interface
- J. inbound traffic initiated from the outside to the inside

Answer: ([SHOW ANSWER](#))

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