Exam Code: 642-503

Exam Name: Securing Networks with Cisco Routers and Switches

Vendor: CISCO

Version: DEMO

Part: A

1: Which of these statements is correct regarding user setup on ACS 4.0?

A.In the case of conflicting settings, the settings at the group level override the settings configured at the user level.

B.A user can belong to more than one group.

C.The username can contain characters such as "#" and "?".

D.By default, users are assigned to the default group.

E.The ACS PAP password cannot be used as the CHAP password also.

Correct Answers: D

2: Which two commands are used to only allow SSH traffic to the router Eth0 interface and deny other management traffic (BEEP, FTP, HTTP, HTTPS, SNMP, Telnet, TFTP) to the router interfaces? (Choose two.)

A.interface eth0

B.control-plane host

C.policy-map type port-filter policy-name

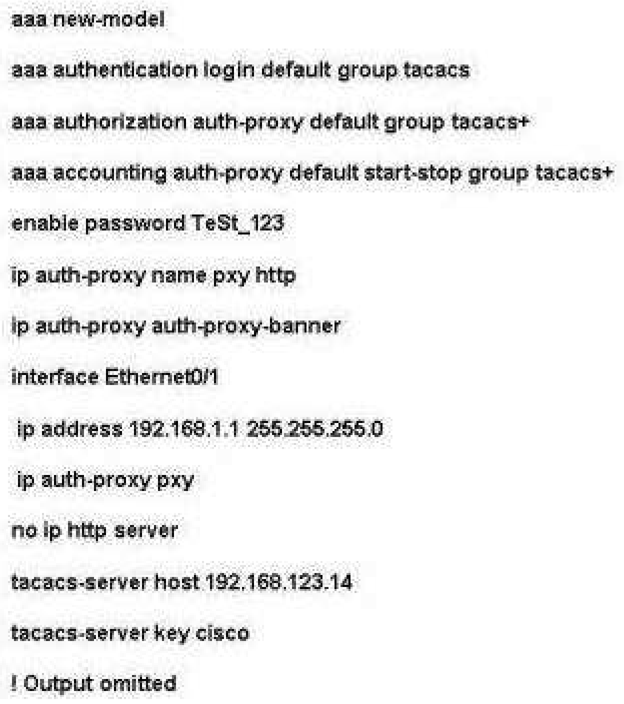
D.service-policy type port-filter input policy-name

E.management-interface eth0 allow ssh

F.line vty 0 5 transport input ssh

Correct Answers: B E

3: Refer to the exhibit. Why is the Cisco IOS Firewall authentication proxy not working?



```
aaa new-model
aaa authentication login default group tacacs
aaa authorization auth-proxy default group tacacs+
aaa accounting auth-proxy default start-stop group tacacs+
enable password TeSt_123
ip auth-proxy name pxy http
ip auth-proxy auth-proxy-banner
interface Ethernet0/1
 ip address 192.168.1.1 255.255.255.0
 ip auth-proxy pxy
no ip http server
tacacs-server host 192.168.123.14
tacacs-server key cisco
! Output omitted
```

A.The aaa authentication auth-proxy default group tacacs+ command is missing in the configuration.

B.The router local username and password database is not configured.

C.Cisco IOS authentication proxy only supports RADIUS and not TACACS+.

D.HTTP server and AAA authentication for the HTTP server is not enabled.

E.The AAA method lists used for authentication proxy should be named "pxy" rather than "default" to match the authentication proxy rule name.

Correct Answers: D

4: When troubleshooting site-to-site IPsec VPN on Cisco routers, you see this console message: %CRYPTO-6-IKMP_SA_NOT_OFFERED: Remote peer %15i responded with attribute [chars] not offered or changed

Which configuration should you verify?

A.the crypto ACL

B.the crypto map

C.the IPsec transform set

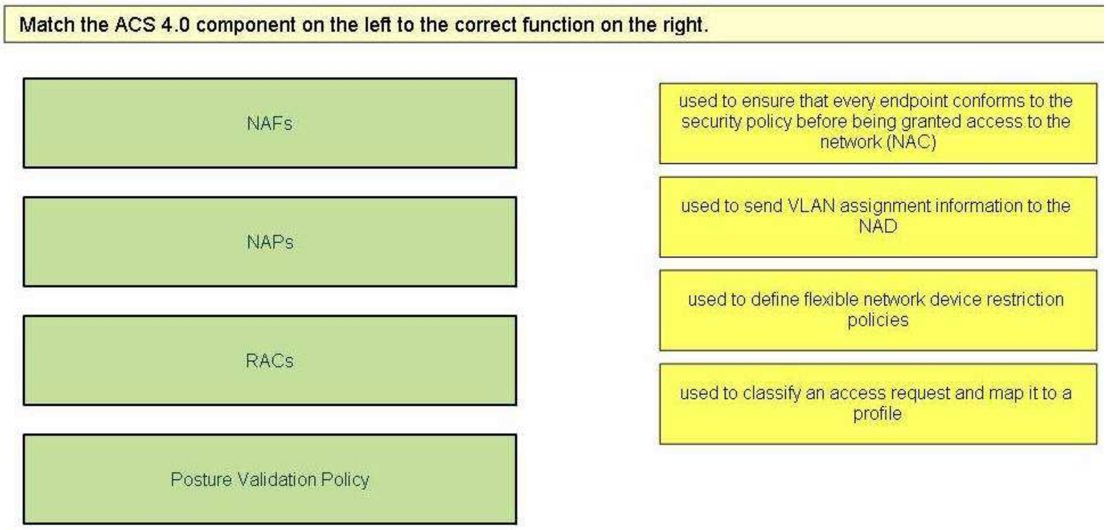
D.the ISAKMP policies

E.the pre-shared key

F.the DH group

Correct Answers: D

5: Drop



Match the ACS 4.0 component on the left to the correct function on the right.

NAFs

NAPs

RACs

Posture Validation Policy

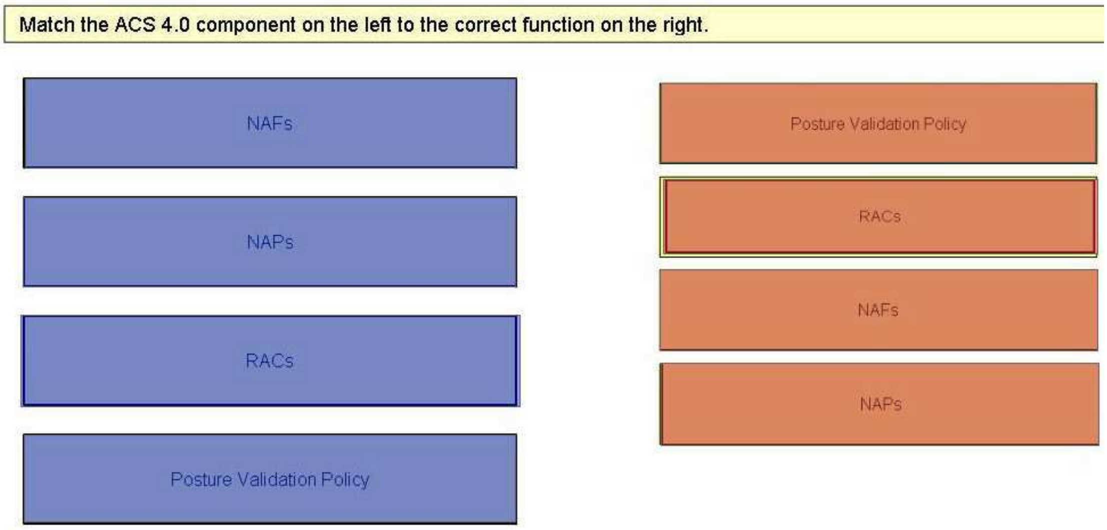
used to ensure that every endpoint conforms to the security policy before being granted access to the network (NAC)

used to send VLAN assignment information to the NAD

used to define flexible network device restriction policies

used to classify an access request and map it to a profile

Correct Answers:



Match the ACS 4.0 component on the left to the correct function on the right.

6: When verifying Cisco IOS IPS operations, when should you expect Cisco IOS IPS to start loading the signatures?

A.immediately after you configure the ip ips sdf location flash:filename command

B.immediately after you configure the ip ips sdf builtin command

C.after you configure a Cisco IOS IPS rule in the global configuration

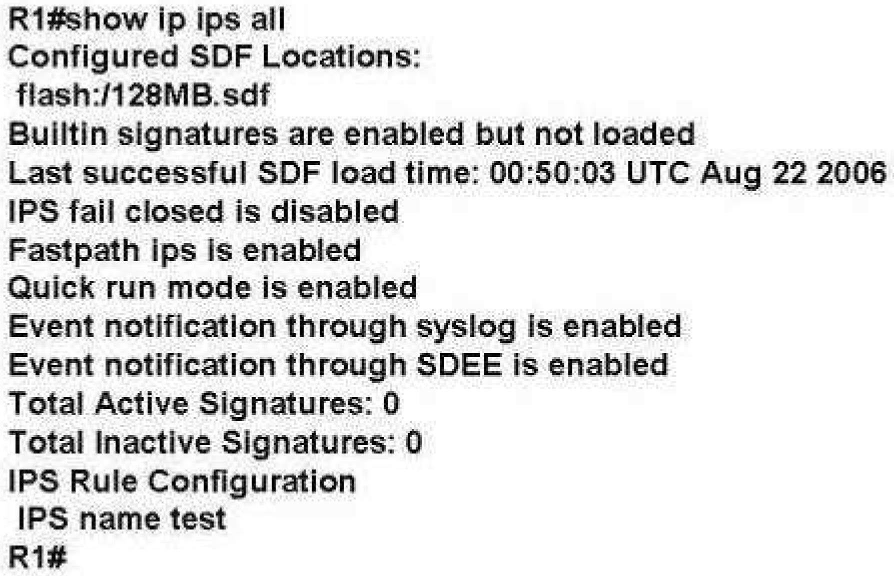
D.after traffic reaches the interface with Cisco IOS IPS enabled

E.when the first Cisco IOS IPS rule is enabled on an interface

F.when the SMEs are put into active state using the ip ips name rule-name command

Correct Answers: E

7: Refer to the exhibit. Why is the Total Active Signatures count zero?



```
R1#show ip ips all
Configured SDF Locations:
 flash:/128MB.sdf
Builtin signatures are enabled but not loaded
Last successful SDF load time: 00:50:03 UTC Aug 22 2006
IPS fail closed is disabled
Fastpath ips is enabled
Quick run mode is enabled
Event notification through syslog is enabled
Event notification through SDEE is enabled
Total Active Signatures: 0
Total Inactive Signatures: 0
IPS Rule Configuration
 IPS name test
R1#
```

A.The 128MB.sdf file in flash is corrupted.

B.IPS is in fail-open mode.

C.IPS is in fail-closed mode.

D.IPS has not been enabled on an interface yet.

E.The flash:/128MB.sdf needs to be merged with the built-in signatures first.

Correct Answers: D

8: When configuring FPM, what should be the next step after the PHDFs have been loaded?

A.Define a stack of protocol headers.

B.Define a traffic policy.

C.Define a service policy.

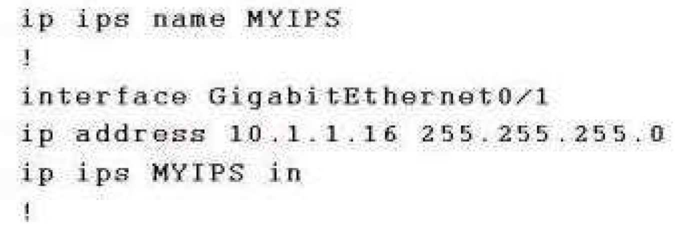
D.Define a class map of type "access-control" for classifying packets.

E.Reload the router.

F.Save the PHDFs to startup-config.

Correct Answers: A

9: Refer to the exhibit. Which two statements are correct? (Choose two.)



```
ip ips name MYIPS
!
interface GigabitEthernet0/1
ip address 10.1.1.16 255.255.255.0
ip ips MYIPS in
!
```

A.Cisco IOS IPS will fail-open.

B.The basic signatures (previously known as 128MB.sdf) will be used if the built-in signatures fail to load.

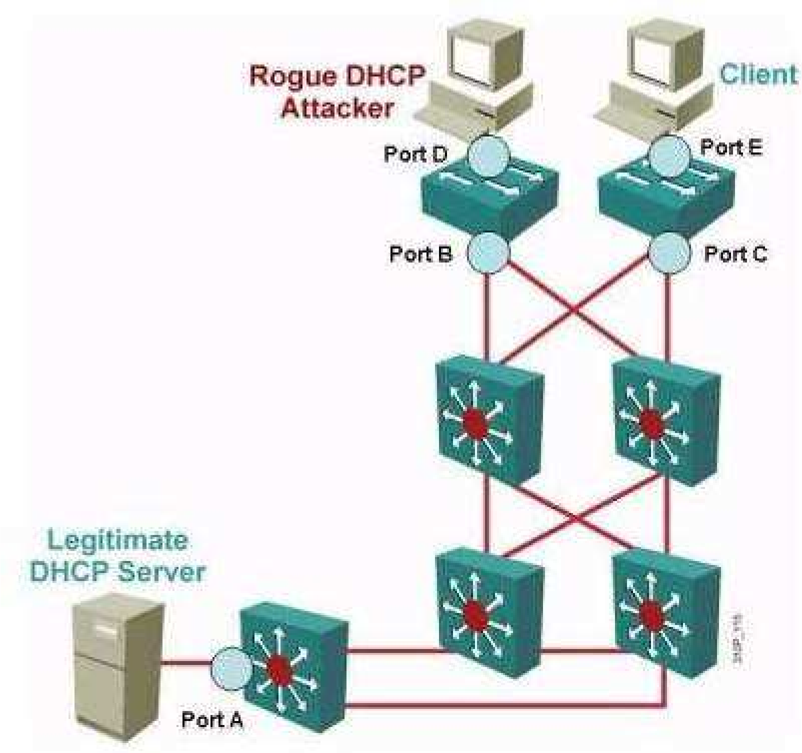
C.The built-in signatures will be used.

D.SDEE alert messages will be enabled.

E.syslog alert messages will be enabled.

Correct Answers: A C

10: Refer to the exhibit. When you configure DHCP snooping, which ports should be configured as trusted ?



A.port A only

B.port E only

C.ports B and C

D.ports A, B, and C

E.ports B, C, and E

F.ports A, B, C, and E

Correct Answers: D