Exam Code: 642-515

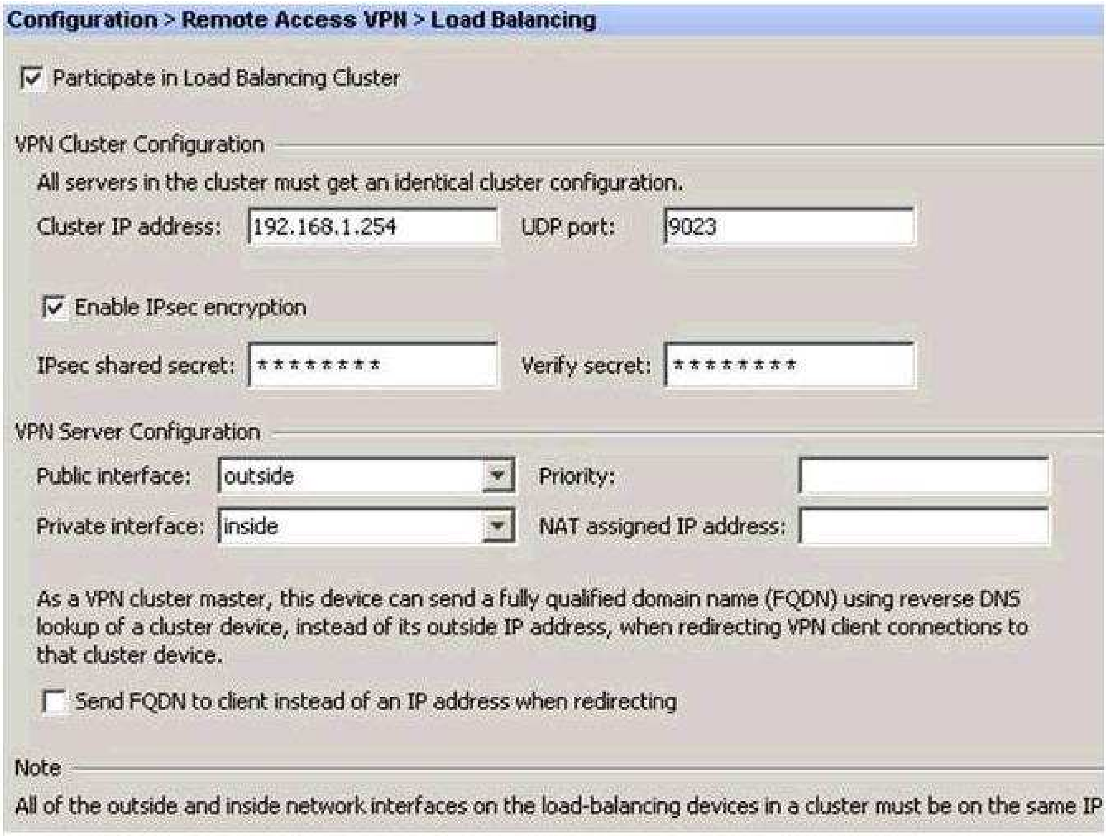
Exam Name: Securing Networks with ASA Advanced

Vendor: CISCO

Version: DEMO

Part: A

1: Refer to the exhibit. You are configuring a Cisco ASA security appliance to participate in a VPN cluster. Based on the exhibit, to which value would you set the priority to increase the chances of this Cisco ASA security appliance becoming the cluster master?



Configuration > Remote Access VPN > Load Balancing

☑ Participate in Load Balancing Cluster

VPN Cluster Configuration

All servers in the cluster must get an identical cluster configuration.

Cluster IP address: 192.168.1.254 UDP port: 9023

☑ Enable IPsec encryption

IPsec shared secret: ******** Verify secret: ********

VPN Server Configuration

Public interface: outside Priority:

Private interface: inside NAT assigned IP address:

As a VPN cluster master, this device can send a fully qualified domain name (FQDN) using reverse DNS lookup of a cluster device, instead of its outside IP address, when redirecting VPN client connections to that cluster device.

□ Send FQDN to client instead of an IP address when redirecting

Note

All of the outside and inside network interfaces on the load-balancing devices in a cluster must be on the same IP

A.0
B.1
C.10
D.100
Correct Answers: C

2: Refer to the exhibit. You are the administrator of multiple remote Cisco ASA security appliances, which are administered through Cisco ASDM. You recently configured one of these Cisco ASA security appliances for SSL VPNs and are requiring a client certificate, as shown. How would this configuration affect your next ASDM connection to this Cisco ASA security appliance?

A.You would be asked to present an identity certificate. If you did not have one, the Cisco ASA security appliance would prompt you for authentication credentials, consisting of a username and password.

B.Your connection would be handled the way it is always handled by this Cisco ASA security appliance.

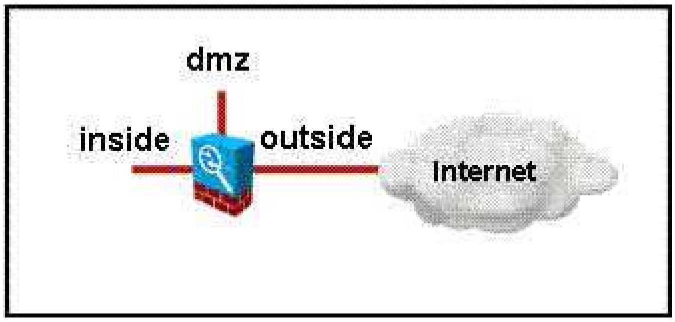
C.You would be required to download the identity certificate of the remote Cisco ASA security appliance.

D.You would be required to have an identity certificate that the Cisco ASA security appliance can use for authentication.

Correct Answers: D

3: Refer to the exhibit. You are the administrator of a corporate Cisco ASA security appliance with a Cisco ASA AIP-SSM. You have been tasked to deploy the AIP-SSM to protect corporate DMZ web servers. The AIP-SSM has been configured, and a service policy has been configured to identify the traffic that is to be passed to the AIP-SSM.

On which two interfaces would application of the service policy for the AIP-SSM be most effective while causing the least amount of impact to Cisco ASA security appliance performance? (Choose two.)



A.inside interface

B.dmz interface

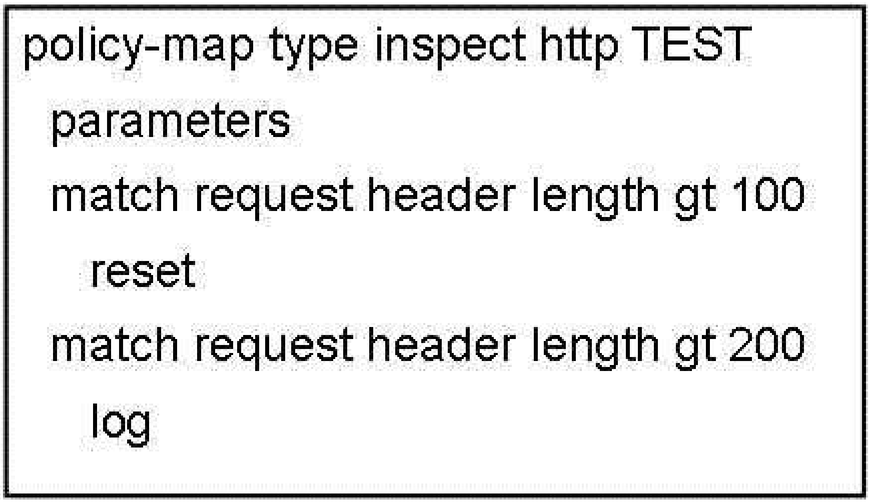
C.Internet interface

D.globally on all interfaces

E.outside interface

Correct Answers: B E

5: Refer to the exhibit. You have configured a Layer 7 policy map to match the size of HTTP header fields that are traversing the network. Based on this configuration, will HTTP headers that are greater than 200 bytes be logged?



```
policy-map type inspect http TEST
  parameters
  match request header length gt 100
    reset
  match request header length gt 200
    log
```

A.No, because the reset action for headers greater than 100 bytes would be the first match.

B.Yes, because the reset action for headers greater than 100 bytes and the log action for headers greater than 200 bytes would both be applied.

C.No, because reset or log actions are a part of the service policy and the Layer 7 policy map.

D.Yes, because the log action for headers greater than 200 bytes would be the last match.

Correct Answers: A

6: Refer to the exhibit. The network security administrator for XYZ Corporation wants to configure the corporate Cisco ASA security appliance to take the following actions on its outside interface:

--rate limit all IP traffic from telecommuting system engineers to the insidehost

--drop all HTTP requests from the Internet to the web server that have a body length greater than 1000 bytes

--prevent users on network 192.168.6.0/24 from using the FTP PUT command to store .exe files on the FTP server

Which set of Modular Policy Framework components will be involved in accomplishing this goal?

A.one Layer 7 class map, two Layer 7 policy maps, three Layer 3/4 class maps, one Layer 3/4 policy map

B.one Layer 7 class map, one Layer 7 policy map, three Layer 3/4 class maps, one Layer 3/4 policy map

C.two Layer 7 class maps, one Layer 7 policy map, three Layer 3/4 class maps, one Layer 3/4 policy map

D.three Layer 7 policy maps, one Layer 3/4 class map, one Layer 3/4 policy map

Correct Answers: A

7: Refer to the exhibit. You have configured a Cisco ASA 5505 Adaptive Security Appliance as an Easy VPN hardware client. During the configuration, you defined a list of backup servers for the security appliance to use. After a few hours of being connected to the primary VPN server, the security appliance fails. You notice that your Easy VPN hardware client has now connected to a backup server that is not defined within the configuration of the client. Where did your Easy VPN hardware client get this backup server?

A.The backup servers that you listed were no longer available, so the Easy VPN hardware client used the list of backup servers that it retrieved from the primary server.

B.The group policy that was configured on the primary VPN server was pushed to your Easy VPN client and overwrote the list of backup servers that you had configured.

C.The connection profile that was configured on the primary VPN server was pushed to your Easy VPN hardware client and overwrote the list of backup servers that you had configured.

D.The backup servers that you listed were not configured as VPN servers, so the Easy VPN hardware client used the list of backup servers retrieved from the primary server.

Correct Answers: B

8: Refer to the exhibit. You are the administrator of a Cisco ASA security appliance that is configured with a local CA. Based on the exhibit, for which purpose would the user student1 use this password?

A.authentication to the SSL VPN server

B.retrieval of the digital certificate from the local CA on the Cisco ASA security appliance

C.retrieval of the Cisco ASA security appliance identity certificate

D.the initial authentication to the SSL VPN server

Correct Answers: B

9: Refer to the exhibit. When TCP connections are tunneled over another TCP connection and latency exists between the two endpoints, each TCP session will trigger a retransmission, which can quickly spiral out of control when the latency issues persist. This issue is often referred to as TCP-over-TCP meltdown. Based on the Cisco ASDM configuration that is shown, which Cisco ASA security appliance configuration will help alleviate this problem?
A.Keepalive Messages
B.Compression
C.MTU size of 500
D.Datagram TLS
Correct Answers: D

11: Which two of these choices are types of queues available on the Cisco ASA security appliance when implementing QoS? (Choose two.)
A.weighted fair queue
B.last in first out queue
C.policing queue
D.low latency queue
E.custom queue
F.best effort queue
G.round robin queue
Correct Answers: D F