Vendor: Cisco

Exam Code:300-206

Exam Name: Implementing Cisco Edge Network Security Solutions

Version: Demo

QUESTION 1

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

A. MGCP

B. IAX

C. Skype

D. CTIQBE

Correct Answer: AD

QUESTION 2

On the Cisco ASA, where are the Layer 5-7 policy maps applied?

A. inside the Layer 3-4 policy map

B. inside the Layer 3-4 class map

C. inside the Layer 5-7 class map

D. inside the Layer 3-4 service policy

E. inside the Layer 5-7 service policy

Correct Answer: A

QUESTION 3

Refer to the exhibit. Which option describes the expected result of the capture ACL?

A. The capture is applied, but we cannot see any packets in the capture

B. The capture does not get applied and we get an error about mixed policy.

C. The capture is applied and we can see the packets in the capture

D. The capture is not applied because we must have a host IP as the source

Correct Answer: B

The right answer is B (not A). This is because we need to use the ANY4 key, not ANY. You get a mixed policy error when you apply ACL on capture.

```
firewall# capture aaaa access-list cap interface mgmt
ERROR: Capture doesn't support access-list <cap> with use of keyword 'any'.
For each access-list line, use either any4 or any6, but not both in same line.
firewall#
```

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

QUESTION 5

Which function does DNSSEC provide in a DNS infrastructure?

A. It authenticates stored information.

B. It authorizes stored information.

C. It encrypts stored information.

D. It logs stored security information.

Correct Answer: A

QUESTION 6

An engineer is hardening the management plane for an ASA. Which protocol is affected by this hardening?

A. BGP

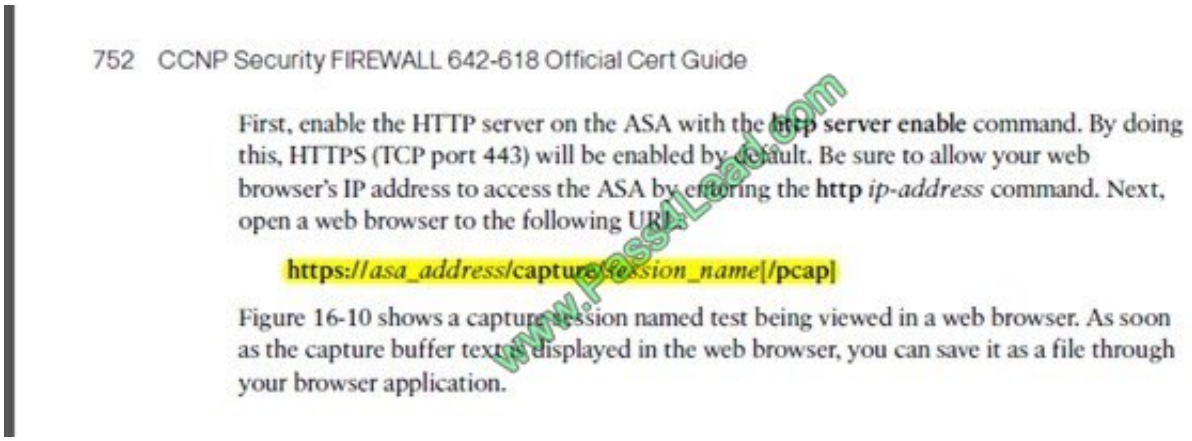
B. IKE

C. ICMP

D. ARP

Correct Answer: C

QUESTION 7



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First, enable the HTTP server on the ASA with the **http server enable** command. By doing this, HTTPS (TCP port 443) will be enabled by default. Be sure to allow your web browser's IP address to access the ASA by entering the **http** *ip-address* command. Next, open a web browser to the following URL:

https://*asa_address***/capture/***session_name***[/pcap]**

Figure 16-10 shows a capture session named test being viewed in a web browser. As soon as the capture buffer text is displayed in the web browser, you can save it as a file through your browser application.

Which two option are protocol and tools are used by management plane when using cisco ASA general management plane hardening ?

A. Unicast Reverse Path Forwarding

B. NetFlow

C. Routing Protocol Authentication

D. Threat detection

E. Syslog

F. ICMP unreachables

G. Cisco URL Filtering

Correct Answer: BE

http://www.cisco.com/web/about/security/intelligence/firewall-best-practices.html

General Management Plane Hardening

The purpose of the management plane is to provide the capability to access, configure, and manage a device and to monitor its operations and the network on which it is deployed. The management plane receives and sends traffic for these functions. One must secure both the management plane and control plane of a device because operations of the control plane directly affect operations of the management plane. The following is a list of common protocols and tools used by the management plane:

- SNMP
- Telnet
- SSH
- FTP
- TFTP
- SCP
- TACACS+
- RADIUS
- NetFlow
- Network Time Protocol (NTP)
- Syslog

QUESTION 8

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

QUESTION 9

Which statement about the configuration of the Cisco ASA NetFlow v9 (NSEL) is true ?

A. To view bandwidth usage for the NetFlow record, you must enable QoS features

B. Use sysopt command to enable NSEL on a specific interface

C. NSEL can be used without a collector configured

D. NSEL tracks the flow continuously and provides updates every 10 seconds

E. You must define a flow-export event type under a policy

Correct Answer: E

http://www.cisco.com/c/en/us/td/docs/security/asa/asa84/configuration/guide/asa_84_cli_config/monitor_nsel.html

- If you have previously configured flow-export actions using the **flow-export enable** command, and you upgrade to a later version, then your configuration is automatically converted to the new Modular Policy Framework **flow-export event-type** command, which is described under the **policy-map** command.
- Flow-export actions are not supported in interface-based policies. You can configure flow-export actions in a class-map only with the **match access-list**, **match any**, or **class-default** commands. You can only apply flow-export actions in a global service policy.
- To view bandwidth usage for NetFlow records (not available in real-time), you must use the threat detection feature.

QUESTION 10

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

A. Trace

B. Debug

C. Informational

D. Critical

Correct Answer: C

QUESTION 11

Which command enables uRPF on ASA interface?

A. ip protection source

B. ip source guard enable

C. ip reverse-path verify reachable-via any

D. ip verify unicast source reachable-via interface_name

E. ip verify reverse-path interface interface_name

Correct Answer: E

QUESTION 12

By default, how does the Cisco ASA authenticate itself to the Cisco ASDM users?

A. The administrator validates the Cisco ASA by examining the factory built-in identity certificate thumbprint of the Cisco ASA.

B. The Cisco ASA automatically creates and uses a persistent self-signed X.509 certificate to authenticate itself to the administrator.

C. The Cisco ASA automatically creates a self-signed X.509 certificate on each reboot to authenticate itself to the administrator.

D. The Cisco ASA and the administrator use a mutual password to authenticate each other.

E. The Cisco ASA authenticates itself to the administrator using a one-time password.

Correct Answer: C

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