

Exam Code: 642-504

Exam Name: Securing Networks with Cisco Routers and
Switches

Vendor: CISCO

Version: DEMO

Part: A

1: Which two are technologies that secure the control plane of the Cisco router? (Choose two.)

- A. Cisco IOS Flexible Packet Matching
- B. uRPF
- C. routing protocol authentication
- D. CPPr
- E. BPDU protection
- F. role-based access control

Correct Answers: C D

3: What are the two category types associated with 5.x signature use in Cisco IOS IPS? (Choose two.)

- A. basic
- B. advanced
- C. 128MB.sdf
- D. 256MB.sdf
- E. attack-drop
- F. built-in

Correct Answers: A B

4: Refer to the exhibit.

Which optional AAA or RADIUS configuration command is used to support 802.1X guest VLAN functionality?

```
aaa new-model
aaa authentication dot1x default group radius
aaa authorization network default group radius
aaa accounting dot1x default start-stop group radius
aaa accounting system default start-stop group radius
radius-server host 10.1.1.1 auth-port 1812 acct-port 1813
radius-server key cisco123
```

- A. aaa authentication dot1x default group radius
- B. aaa authorization network default group radius
- C. aaa accounting dot1x default start-stop group radius
- D. aaa accounting system default start-stop group radius
- E. radius-server host 10.1.1.1 auth-port 1812 acct-port 1813

Correct Answers: B

5: Which is an advantage of implementing the Cisco IOS Firewall feature?

- A. provides self-contained end-user authentication capabilities
- B. integrates multiprotocol routing with security policy enforcement
- C. acts primarily as a dedicated firewall device
- D. is easily deployed and managed by the Cisco Adaptive Security Device Manager

E.provides data leakage protection capabilities

Correct Answers: B

6: Which three statements correctly describe the GET VPN policy management? (Choose three.)

A.A central policy is defined at the ACS (AAA) server.

B.A local policy is defined on each group member.

C.A global policy is defined on the key server, and it is distributed to the group members.

D.The key server and group member policy must match.

E.The group member appends the global policy to its local policy.

Correct Answers: B C E

8: Drop

Match the Cisco IOS IPS SEAP feature on the left to its description on the right. Not all the features on the left are used.

signature fidelity rating	user's perceived value of the target host
alert severity rating	remove action(s) from an event
target value rating	a way to add event actions globally
risk rating	
event action filters	
event action overrides	

Correct Answers:

Match the Cisco IOS IPS SEAP feature on the left to its description on the right. Not all the features on the left are used.

signature fidelity rating	target value rating
alert severity rating	event action filters
target value rating	event action overrides
risk rating	
event action filters	
event action overrides	

9: The CPU and Memory Threshold Notifications of the Network Foundation Protection feature protects which router plane?

A.control plane

B.management plane

C.data plane

D.network plane

Correct Answers: B

12: In DMVPN, the NHRP process allows which requirement to be met?

A.dynamic physical interface IP address at the spoke routers

- B.high-availability DMVPN designs
- C.dynamic spoke-to-spoke on-demand tunnels
- D.dynamic routing over the DMVPN
- E.dual DMVPN hub designs

Correct Answers: A

13: Which is correct regarding the Management Plane Protection feature?

- A.By default, Management Plane Protection is enabled on all interfaces.
- B.Management Plane Protection provides for a default management interface.
- C.Only SSH and SNMP management will be allowed on nondesignated management interfaces.
- D.All incoming packets through the management interface are dropped except for those from the allowed management protocols.

Correct Answers: D

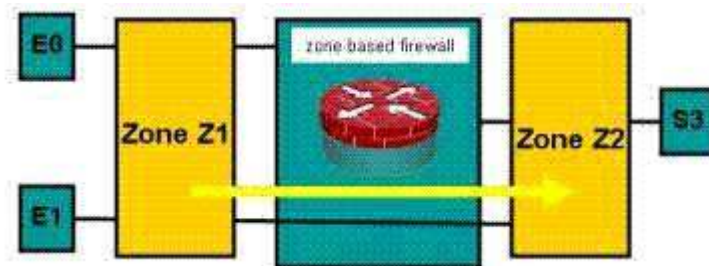
14: What are the two enrollment options when using the SDM Certificate Enrollment wizard? (Choose two.)

- A.SCEP
- B.LDAP
- C.OCSP
- D.Cut-and-Paste/Import from PC

Correct Answers: A D

15: Refer to the exhibit.

Which two configuration commands are used to apply an inspect policy map for traffic traversing from the E0 or E1 interface to the S3 interface? (Choose two.)



- A.zone-pair security test source Z1 destination Z2
- B.interface E0
- C.policy-map myfwpolicy
class class-default
inspect
- D.ip inspect myfwpolicy out
- E.ip inspect myfwpolicy in
- F.service-policy type inspect myfwpolicy

Correct Answers: A F

16: Cisco IOS Firewall supports which three of the following features? (Choose three.)

- A.alerts

B.audit trails

C.multicontext firewalling

D.active/active stateful failover

E.DoS attacks protection

Correct Answers: A B E