

Exam : Cisco 642-542

**Title : Cisco SAFE Implementation
Exam**

Version : Demo

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1. If split tunneling is disabled, how do remote users access the Internet when they have a VPN tunnel established in the software access option in the SAFE SMR remote user design environment?

- A. access to the Internet is not allowed
- B. the user must disable the VPN tunnel to access the Internet
- C. access to the Internet is provided via the corporate connection
- D. access to the Internet is provided via the ISP connection

Answer: C

2. What is not a specific type of attack, but refers to most attacks that occur today?

- A. DoS
- B. brute force password
- C. IP spoofing
- D. unauthorized access

Answer: D

3. Which command implements Unicast RPF IP spoofing protection?

- A. access-list
- B. access-group
- C. ip verify reverse-path interface
- D. tcp verify reverse-path interface
- E. udp verify reverse-path interface

Answer: C

4. What does CBAC dynamically create and delete?

- A. TCP sessions
- B. crypto maps
- C. access control lists
- D. security control lists

Answer: C

5. What is the function of a crypto map on a PIX Firewall?

- A. to define the policy that will be applied to the traffic
- B. to specify which algorithms will be used with the selected security protocol
- C. to configure a pre-shared authentication key and associate the key with an IPSec peer address or host name
- D. to map transforms to transform sets

Answer: A

6. The VPN acceleration module (VAM) is available on what series of VPN optimized routers? Choose two.

- A. 1700 Series
- B. 2600 Series
- C. 3600 Series
- D. 7100 Series
- E. 7200 Series

Answer: DE

7. Which model is recommended for an IDS with at least 100 Mbps performance?

- A. 4210
- B. 4220
- C. 4250
- D. 4260

Answer: C

8. How does Java applet filtering distinguish between trusted and untrusted applets?

- A. examines the applet for suspicious code
- B. relies on a list of applets that you designate as hostile
- C. relies on a list of applets that you designate as friendly
- D. relies on a list of external sites that you designate as friendly

Answer: D

9. What are three steps of the Security Wheel? Choose three.

- A. improve
- B. log
- C. maintain
- D. test
- E. secure
- F. report

Answer: ADE

10. What is the primary identity component in a Cisco security solution?

- A. Cisco VPN Concentrators
- B. Cisco PIX Firewalls
- C. Cisco IDS Sensors
- D. Cisco Access Control servers
- E. Cisco IOS Firewalls

Answer: D

11. Which threats are expected in the SAFE SMR remote user network environment? Choose two.

- A. trust exploitation
- B. port redirection attacks
- C. man in the middle attacks
- D. network reconnaissance

Answer: CD

12. Which techniques does SAFE recommend to mitigate MAC spoofing attacks? (Select two.)

- A. Use port security.
- B. Implement IP Source Guard feature.
- C. Set all user ports to nontrunking mode.
- D. Implement BPDU guard enhancement command.
- E. Implement authentication for DHCP messages.

F. Use DHCP snooping along with DAI.

Answer: AF

13. Which are key devices in the SAFE SMR remote user network? Choose three.

- A. Layer 2 switch
- B. router with firewall and VPN support
- C. Layer 3 switch
- D. firewall with VPN support
- E. NIDS
- F. personal firewall software

Answer: BDF

14. How are packet sniffer attacks mitigated in the SAFE SMR small network corporate Internet module?

- A. RFC 2827 and 1918 filtering at ISP edge and local firewall
- B. switched infrastructure and HIDS
- C. protocol filtering
- D. restrictive trust model and private VLANs
- E. restrictive filtering and HIDS

Answer: B

15. Which three models of the Cisco 3000 Series Concentrator can have redundant power supplies?

Choose three.

- A. 3005
- B. 3020
- C. 3030
- D. 3060
- E. 3080
- F. 3090

Answer: CDE

16. What are the three modules in the SAFE SMR midsize network design? Choose three.

- A. frame/ATM module
- B. campus module
- C. ISP edge module
- D. corporate Internet module
- E. WAN module
- F. PSTN module

Answer: BDE

17. What threats are expected for the SAFE SMR small network campus module? Choose two.

- A. IP spoofing
- B. packets sniffers
- C. denial of service
- D. applications layer attacks

Answer: BD

18. When using PC-based IP phones, which threat is expected between data and voice segments if not protected by a stateful firewall?

- A. TCP flood DoS attack
- B. IP spoofing attack
- C. UDP flood DoS attack
- D. application layer attack

Answer: C

19. Which IDS guidelines should be followed, according to SAFE SMR?

- A. use TCP shunning as opposed to TCP resets
- B. use shunning no longer than 15 minutes
- C. use shunning on only UDP traffic, as it is more difficult to spoof than TCP
- D. use shunning on only TCP traffic, as it is more difficult to spoof than UDP

Answer: D

20. What are the radio frequency bands used by IEEE 802.11 standards? Choose two.

A. 2.8 MHz

B. 2.4 GHz

C. 2.2 MHz

D. 5 GHz

E. 900 GHz

F. 900 MHz

Answer: BD

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