



## [Cisco 642-541](#)

**Exam Name:** VPN and Security Cisco SAFE Implementation Exam (CSI)

**Q & A :** 226 Q&As

***Pdf Demo***

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Exam : Cisco 642-541

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1. What is the purpose of BGP TTL Security Hash (BTSH)?

- A. encrypts private network data when it is being passed through a public network
- B. prevents attacker from creating a routing black hole
- C. helps to prevent information overload from causing a network to melt
- D. prevents attackers from disrupting peering sessions between routers
- E. reduces the change rate in the Internet's routing tables

Answer: D

2. Why are all providers of Internet connectivity urged to implement the filtering described in RFC 2827?

- A. to prohibit attackers from using source addresses that reside within a range of legitimately advertised prefixes
- B. to prohibit attackers from using forged source addresses that do not reside within a range of legitimately advertised prefixes
- C. to filter Java applications that come from a source that is not trusted
- D. to stop internal users from reaching web sites that violate the established security policy

Answer: B

3. 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

4. What are two characteristics of a packet sniffer designed for attack purposes? Choose two.

- A. captures first 300 to 400 bytes
- B. typically captures login sessions
- C. captures the last 300 to 400 bytes
- D. deciphers encrypted passwords
- E. unable to capture UDP packets

Answer: AB

5. What is the NIDS primary function in the SAFE SMR midsize network design corporate Internet module?

- A. provide connectivity to the campus module
- B. provide connectivity to the WAN module
- C. provide connectivity to the LAN module
- D. provides detection of attacks on ports that the firewall is configured to permit
- E. provide the demarcation point between the ISP and the medium network
- F. provide connection state enforcement and detailed filtering for sessions initiated through the firewall

Answer: D

6. Which is a key server found in SAFE Enterprise network design edge corporate internet module?

- A. database server
- B. application server
- C. URL filtering server
- D. proxy server

Answer: C

7. What is an assumption of SAFE SMR?

- A. implementing SAFE SMR guarantees a secure environment
- B. the security policy is already in place
- C. network contains only Cisco devices
- D. SAFE SMR does not assume application and OS security

Answer: B

8. In the SAFE SMR midsize network design, which module does dial-in traffic terminate?

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

Answer: D

9. Which type of attack is characterized by exploitation of well-known weaknesses, use of ports that are allowed through a firewall, and can never be completely eliminated?

- A. network reconnaissance
- B. application layer
- C. man-in-the-middle
- D. trust exploitation

Answer: B

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

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

Answer: C

11. In which module does the firewall exist in the SAFE SMR small network design?

- A. Internet
- B. campus
- C. corporate Internet
- D. edge

Answer: C

12. Which two general IP spoofing techniques does a hacker use? Choose two.

- A. an IP address within the range of trusted IP addresses
- B. an unknown IP address which cannot be traced
- C. an RFC 1918 address
- D. an authorized external IP address that is trusted

Answer: AD

13. LAB

16. 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

14. What are the SAFE guidelines when routing information is exchanged with an outside routing domain? (Select two.)

- A. Use exterior gateway protocols only.
- B. Use exterior gateway protocols that operate between routing domains and do not allow administrators to build and act on policies.
- C. Use exterior gateway protocols because they allow administrators to build and act on policies rather than just on reachability information.
- D. Do not use autonomous system path filters on every EBGP peering session in network.
- E. Use exterior gateway protocols or static routes
- F. Make certain that your outside peer advertises your routes to other peers for maximum reachability

Answer: AC

15. What services does EAP provide?

- A. EAP provides wireless gateway and complementary code keying.
- B. EAP provides centralized authentication and dynamic key distribution.
- C. EAP provides open authentication and shared key distribution
- D. EAP provides message integrity check and wireless domain service

Answer: B

16. 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

17. How are virus and Trojan Horse attacks mitigated in the SAFE SMR midsize network design corporate Internet module?

- A. filtering at the ISP, edge router, and corporate firewall
- B. IDS at the host and network levels

- C. e-mail content filtering, HIDS, and host-based virus scanning
- D. OS and IDS detection
- E. CAR at the ISP edge and TCP setup controls at the firewall
- F. RFC 2827 and 1918 filtering at ISP edge and midsize network edge router

Answer: C

18. Which routing protocol does not support the use of MD5 authentication?

- A. BGP
- B. IGRP
- C. EIGRP
- D. OSPF
- E. IS-IS

Answer: C

19. 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

20. Which two devices in the SAFE SMR small network campus module should have HIDS installed? Choose two.

- A. Layer 2 switches
- B. firewalls
- C. management hosts
- D. desktop workstations
- E. corporate servers
- F. lab workstations

Answer: CE

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