

Cisco 640-553 Exam

640-553: IINS Implementing Cisco IOS Network Security

Practice Exam: 640-553 Exams

Exam Number/Code: 640-553

Exam Name: IINS Implementing Cisco IOS Network Security

Questions and Answers: 133 Q&As

(CCNA)



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Title : IINS Implementing Cisco IOS Network Security

1. Refer to the exhibit. Which statement about the aaa configurations is true?

- A. The authentication method list used by the console port is named test.
- B. The authentication method list used by the vty port is named test.
- C. If the TACACS+ AAA server is not available, no users will be able to establish a Telnet session with the router.
- D. If the TACACS+ AAA server is not available, console access to the router can be authenticated using the local database.
- E. The local database is checked first when authenticating console and vty access to the router.

Answer: B

2. Which access list will permit HTTP traffic sourced from host 10.1.129.100 port 3030 destined to host 192.168.1.10?
- A. access-list 101 permit tcp any eq 3030
 - B. access-list 101 permit tcp 10.1.128.0 0.0.1.255 eq 3030 192.168.1.0 0.0.0.15 eq www
 - C. access-list 101 permit tcp 10.1.129.0 0.0.0.255 eq www 192.168.1.10 0.0.0.0 eq www
 - D. access-list 101 permit tcp host 192.168.1.10 eq 80 10.1.0.0 0.0.255.255 eq 3030
 - E. access-list 101 permit tcp 192.168.1.10 0.0.0.0 eq 80 10.1.0.0 0.0.255.255
 - F. access-list 101 permit ip host 10.1.129.100 eq 3030 host 192.168.1.100 eq 80

Answer: B

3. Which aaa accounting command is used to enable logging of both the start and stop records for user terminal sessions on the router?

- A. aaa accounting network start-stop tacacs+
- B. aaa accounting system start-stop tacacs+
- C. aaa accounting exec start-stop tacacs+
- D. aaa accounting connection start-stop tacacs+
- E. aaa accounting commands 15 start-stop tacacs+

Answer: C

4. Which four methods are used by hackers? (Choose four.)

Select 4 response(s).

- A. footprint analysis attack
- B. privilege escalation attack
- C. buffer Unicode attack
- D. front door attacks
- E. social engineering attack
- F. Trojan horse attack

Answer: ABEF

5. What are two characteristics of the SDM Security Audit wizard? (Choose two.)

- A. displays a screen with Fix-it check boxes to let you choose which potential security-related configuration changes to implement
- B. has two modes of operation interactive and non-interactive
- C. automatically enables Cisco IOS firewall and Cisco IOS IPS to secure the router
- D. uses interactive dialogs and prompts to implement role-based CLI
- E. requires users to first identify which router interfaces connect to the inside network and which connect to the outside network

Answer: AE

6. Which of these correctly matches the CLI command(s) to the equivalent SDM wizard that performs similar configuration functions?

- A. Cisco Common Classification Policy Language configuration commands and the SDM Site-to-Site VPN wizard
- B. auto secure exec command and the SDM One-Step Lockdown wizard
- C. setup exec command and the SDM Security Audit wizard
- D. class-maps, policy-maps, and service-policy configuration commands and the SDM IPS wizard
- E. aaa configuration commands and the SDM Basic Firewall wizard

Answer: B

7. Which location is recommended for extended or extended named ACLs?

- A. an intermediate location to filter as much traffic as possible
- B. a location as close to the destination traffic as possible
- C. when using the established keyword, a location close to the destination point to ensure that return traffic is allowed
- D. a location as close to the source traffic as possible

Answer: D

8. What is a result of securing the Cisco IOS image using the Cisco IOS image resilience feature?

- A. The show version command will not show the Cisco IOS image file location.
- B. The Cisco IOS image file will not be visible in the output from the show flash command.
- C. When the router boots up, the Cisco IOS image will be loaded from a secured FTP location.
- D. The running Cisco IOS image will be encrypted and then automatically backed up to the NVRAM.
- E. The running Cisco IOS image will be encrypted and then automatically backed up to a TFTP server.

Answer: B

9. What will be disabled as a result of the no service password-recovery command?

- A. changes to the config-register setting
- B. ROMMON
- C. password encryption service
- D. aaa new-model global configuration command
- E. the xmodem privilege EXEC mode command to recover the Cisco IOS image

Answer: B

10. What does level 5 in the following enable secret global configuration mode command indicate?

router#enable secret level 5 password

- A. The enable secret password is hashed using MD5.
- B. The enable secret password is hashed using SHA.
- C. The enable secret password is encrypted using Cisco proprietary level 5 encryption.
- D. Set the enable secret command to privilege level 5.
- E. The enable secret password is for accessing exec privilege level 5.

Answer: E

11. Refer to the exhibit. What does the option secret 5 in the username global configuration mode command indicate about the enable secret password?

- A. It is hashed using SHA.
- B. It is encrypted using DH group 5.
- C. It is hashed using MD5.
- D. It is encrypted via the service password-encryption command.
- E. It is hashed using a proprietary Cisco hashing algorithm.
- F. It is encrypted using a proprietary Cisco encryption algorithm.

Answer: C

12. Which characteristic is the foundation of Cisco Self-Defending Network technology?

- A. secure connectivity
- B. threat control and containment
- C. policy management
- D. secure network platform

Answer: D

13. Refer to the exhibit. Which statement is correct based on the show login command output shown?

- A. When the router goes into quiet mode, any host is permitted to access the router via Telnet, SSH, and HTTP, since the quiet-mode access list has not been configured.
- B. The login block-for command is configured to block login hosts for 93 seconds.
- C. All logins from any sources are blocked for another 193 seconds.
- D. Three or more login requests have failed within the last 100 seconds.

Answer: D

14. During role-based CLI configuration, what must be enabled before any user views can be created?

- A. multiple privilege levels
- B. usernames and passwords
- C. aaa new-model command
- D. secret password for the root user
- E. HTTP and/or HTTPS server

Answer: C

15. What are three common examples of AAA implementation on Cisco routers? (Choose three.)

- A. authenticating remote users who are accessing the corporate LAN through IPSec VPN connections
- B. authenticating administrator access to the router console port, auxiliary port, and vty ports
- C. implementing PKI to authenticate and authorize IPsec VPN peers using digital certificates
- D. tracking Cisco Netflow accounting statistics
- E. securing the router by locking down all unused services
- F. performing router commands authorization using TACACS+

Answer: ABF

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