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LPI

303-300

LPIC-3 Security (LPIC-3 303)

Questions & Answers PDF

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Latest Version: 6.0

Question: 1

Which of the following components are part of FreeIPA?
(Choose THREE correct answers.)

Response:

- A. DHCP Server
- B. Kerberos KDC
- C. Intrusion Detection System
- D. Public Key Infrastructure
- E. Directory Server

Answer: B,D,E

Question: 2

Which of the following methods can be used to deactivate a rule in Snort?
(Choose TWO correct answers.)

Response:

- A. By placing a # in front of the rule and restarting Snort.
- B. By placing a pass rule in local.rules and restarting Snort.
- C. By deleting the rule and waiting for Snort to reload its rules files automatically.
- D. By adding a pass rule to /etc/snort/rules.deactivated and waiting for Snort to reload its rules files automatically.

Answer: A,B

Question: 3

Which command is used to run a new shell for a user changing the SELinux context?
(Specify ONLY the command without any path or parameters.)

Solution: newrole

Determine whether the given solution is correct?

Response:

- A. Correct
- B. Incorrect

Answer: A

Question: 4

When OpenVPN sends a control packet to its peer, it expects an acknowledgement in 2 seconds by default. Which of the following options changes the timeout period to 5 seconds?

Response:

- A. tls-timeout 5
- B. tls- timeout 500
- C. tls- timer 5
- D. tls- timer 500

Answer: A

Question: 5

Which of the following practices are important for the security of private keys?

(Choose TWO correct answers.)

Response:

- A. Private keys should be created on the systems where they will be used and should never leave them.
- B. Private keys should be uploaded to public key servers.
- C. Private keys should be included in X509 certificates.
- D. Private keys should have a sufficient length for the algorithm used for key generation.
- E. Private keys should always be stored as plain text files without any encryption.

Answer: C,D

Question: 6

Which of the following keywords are built-in chains for the iptables nat table?

(Choose THREE correct answers.)

Response:

- A. OUTPUT
- B. MASQUERADE
- C. PROCESSING
- D. POSTROUTING
- E. PREROUTING

Answer: A,D,E

Question: 7

Which of the following commands adds users using SSSD's local service?

Response:

- A. sss_adduser
- B. sss_useradd
- C. sss_add
- D. sss-addlocaluser
- E. sss_local_adduser

Answer: B

Question: 8

Given a proper network and name resolution setup, which of the following commands establishes a trust between a FreeIPA domain and an Active Directory domain?

Response:

- A. ipa trust-add --type ad addom --admin Administrator --password
- B. ipa-ad --add-trust --account ADDOM\Administrator--query-password
- C. net ad ipajoin addom -U Administrator -p
- D. trustmanager add --domain ad: //addom --user Administrator --w
- E. ipa ad join addom -U Administrator -w

Answer: A

Question: 9

Which of the following commands makes the contents of the eCryptfs encrypted directory ~/Private available to the user?

Response:

- A. ecryptfsclient
- B. ecryptfs.mount
- C. ecryptfs-mount-private
- D. decryptfs
- E. ecryptfs-manage-directory

Answer: C

Question: 10

Which of the following resources of a shell and its child processes can be controlled by the Bash build-in command ulimit?

(Choose THREE correct answers.)

Response:

- A. The maximum size of written files
- B. The maximum number of open file descriptors
- C. The maximum number of newly created files
- D. The maximum number of environment variables
- E. The maximum number of user processes

Answer: A,B,E