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Security

LPI 303-200

Version Demo

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QUESTION NO: 1

Which of the following types can be specified within the Linux Audit system? (Choose THREE correct answers)

A. Control rules

B. File system rules

C. Network connection rules

D. Console rules

E. System call rules

ANSWER: A B E

QUESTION NO: 2

Which of the following configuration options makes Apache HTTPD require a client certificate for authentication?

A. Limit valid-x509

B. SSLRequestClientCert always

C. Require valid-x509

D. SSLVerifyClient require

E. SSLPolicy valid-client-cert

ANSWER: D

QUESTION NO: 3

Which DNS label points to the DANE information used to secure HTTPS connections to https://www.example.com/?

A. example.com

B. dane.www.example.com

C. soa.example com

D. www.example.com

E. _443_tcp.www example.com

ANSWER: E

QUESTION NO: 4

Which of the following practices are important for the security of private keys? (Choose TWO correct answers.)

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 NO: 5

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.)

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

QUESTION NO: 6

Which of the following statements is true regarding eCryptfs?

A. For every file in an eCryptfs directory there exists a corresponding file that contains the encrypted content.

B. The content of all files in an eCryptfs directory is stored in an archive file similar to a tar file with an additional index to improve performance.

C. After unmounting an eCryptfs directory, the directory hierarchy and the original file names are still visible, although, it is not possible to view the contents of the files.

D. When a user changes his login password, the contents of his eCryptfs home directory has to be re-encrypted using his new login password.

E. eCryptfs cannot be used to encrypt only directories that are the home directory of a regular Linux user.

ANSWER: E

QUESTION NO: 7

Which of the following expressions are valid AIDE rules? (Choose TWO correct answers.)

A. !/var/run/.*

B. append: /var/log/*

C. /usr=all

D. #/bin/

E. /etc p+i+u+g

ANSWER: A E

QUESTION NO: 8

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?

A. -tls-timeout 5

B. -tls- timeout 500

C. -tls- timer 5

D. -tls- timer 500

ANSWER: A

QUESTION NO: 9

Which of the following statements are true regarding the certificate of a Root CA? (Choose TWO correct answers.)

A. It is a self-signed certificate.

B. It does not include the private key of the CA

C. It must contain a host name as the common name.

D. It has an infinite lifetime and never expires.

E. It must contain an X509v3 Authority extension.

ANSWER: A B E

QUESTION NO: 10

Given that this device has three different keys, which of the following commands deletes only the first key?

A. cryptsetup luksDelKey /dev/sda 1 0

B. cryptsetup luksDelkey /dev/sda 1 1

C. cryptsetup luksDelKey / dev /mapper/crypt- vol 1

D. cryptsetup luksDelKey / dev /mapper/crypt- vol 0

ANSWER: A

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