

LPI

Exam Questions 303-200

LPIC-3 Exam 303: Security, version 2.0



NEW QUESTION 1

Which of the following access control models is established by using SELinux?

- A. Security Access Control (SAC)
- B. Group Access Control (GAC)
- C. User Access Control (UAC)
- D. Discretionary Access Control (DAC)
- E. Mandatory Access Control (MAC)

Answer: E

NEW QUESTION 2

What happens when the command `getfattr afile` is run while the file `afile` has no extended attributes set?

- A. `getfattr` prints a warning and exits with a values of 0.
- B. `getfattr` prints a warning and exits with a value of 1.
- C. No output is produced and `getfattr` exits with a value of 0.
- D. No outputs is produced and `getfattr` exits with a value of 1

Answer: C

NEW QUESTION 3

Which of the following commands defines an audit rule that monitors read and write operations to the file `/etc/firewall/rules` and associates the rule with the name `firewall`?

- A. `auditctl -N firewall -r r: /etc/firewall/rules -r w: etc/firewall/rules`
- B. `auditctl -A -f /etc/firewall/rules -o r- o w -l firewall`
- C. `auditctl -w /etc/firewall/rules -p rw -k firewall`
- D. `auditctl -_read /etc/firewall/rules -_write /etc/firewall/rules --label firewall`
- E. `echo "n: firewall r:/etc/firewall/rules: w:/ etc/firewall/rules:" | auditctl ~`

Answer: C

NEW QUESTION 4

Which of the following database names can be used within a Name Service Switch (NSS) configuration file? (Choose THREE correct answers).

- A. `host`
- B. `shadow`
- C. `service`
- D. `passwd`
- E. `group`

Answer: ACE

NEW QUESTION 5

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: ABE

NEW QUESTION 6

Which command installs and configures a new FreeIPA server, including all sub-components, and creates a new FreeIPA domain? (Specially ONLY the command without any path or parameters).

- A. `Mastered`
- B. `Not Mastered`

Answer: A

Explanation:

https://www.freeipa.org/images/2/2b/Installation_and_Deployment.Guidep.pdf

NEW QUESTION 7

Which of the following sections are allowed within the Kerberos configuration file `krb5.conf`? (Choose THREE correct answers.)

- A. `[plugins]`
- B. `[crypto]`
- C. `[domain]`
- D. `[capaths]`

E. [realms]

Answer: ADE

NEW QUESTION 8

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

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

Answer: BDE

NEW QUESTION 9

Which of the following statements are true regarding the certificate? (Choose THREE correct answers.)

- A. This certificate belongs to a certification authority.
- B. This certificate may be used to sign certificates of subordinate certification authorities.
- C. This certificate may never be used to sign any other certificates
- D. This certificate may be used to sign certificates that are not also a certification authority
- E. This certificate will not be accepted by programs that do not understand the listed extension

Answer: ABD

NEW QUESTION 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

NEW QUESTION 10

Which option in an Apache HTTPD configuration file enables OCSP stapling? (Specify ONLY the option name without any values or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

httpd- ssl.conf

NEW QUESTION 15

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

NEW QUESTION 20

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

NEW QUESTION 23

Which command, included in BIND, generates DNSSEC keys? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

http://ripe60.ripe.net/presentations/Damas-BiND_9.7_-_DNSSE_for_humans.pdf

NEW QUESTION 27

Which of the following openssl commands generates a certificate signing request (CSR) using the already existing private key contained in the file private/keypair.pem?

- A. openssl req -key private/keypair.pem -out req/csr.pem
- B. openssl req - new -key private/keypair.pem -out req/csr.pem
- C. openssl gencsr -key private/keypair.pem -out req/csr.pem
- D. openssl gencsr -new- key private/keypair.pem -out req/csr.pem

Answer: B

NEW QUESTION 28

What is the purpose of the program snort-stat?

- A. It displays statistics from the running Snort process.
- B. It returns the status of all configured network devices.
- C. It reports whether the Snort process is still running and processing packets.
- D. It displays the status of all Snort processes.
- E. It reads syslog files containing Snort information and generates port scan statistics.

Answer: E

NEW QUESTION 31

Which of the following commands changes the source IP address to 192.0.2.11 for all IPv4 packets which go through the network interface eth0?

- A. iptables ~t nat -A POSTROUTING ~o eth0 -j SNAT -to-source 192.0.2.11
- B. iptables ~t nat -A PREROUTING ~\ eth0 -j SNAT -to-source 192.0.2.11
- C. iptables -t nat -A POSTROUTING H eth0 -j DNAT -to-source 192.0.2.11
- D. iptables -t mangle -A POSTROUTING -i eth0 -j SNAT -to-source 192.0.2.11
- E. iptables -t mangle -A POSTROUTING -o eth0 -j SNAT -to-source 192.0.2.11

Answer: A

NEW QUESTION 33

Which of the following command lines sets the administrator password for ntop to testing 123?

- A. ntop --set-admin-password=testing123
- B. ntop --set-password-testing123
- C. ntop --reset-password=testing 123
- D. ntop --set-new-password=testing123

Answer: A

NEW QUESTION 34

Which of the following commands displays all ebtable rules contained in the table filter including their packet and byte counters?

- A. ebtables -t nat -L -v
- B. ebtables-L-t filter -Lv
- C. ebtables-t filter-L-Lc
- D. ebtables -t filter -Ln -L
- E. ebtables-L -Lc-t filter

Answer: C

NEW QUESTION 35

Which of the following statements are valid wireshark capture filters? {Choose TWO correct answers.}

- A. port range 10000:tcp-15000:tcp
- B. port-range tcp 10000-15000
- C. tcp portrange 10000-15000
- D. portrange 10000/tcp-15000/tcp
- E. portrange 10000-15000 and tcp

Answer: CE

NEW QUESTION 39

Which option of the openvpn command should be used to ensure that ephemeral keys are not written to the swap space?

- A. --mlock
- B. --no-swap

- C. --root-swap
- D. --keys-no-swap

Answer: A

NEW QUESTION 41

Which of the following stanzas is a valid client configuration for FreeRADIUS?

- A. client private-network-1 { ipaddr = 192 0 2.0/24 password = testing123-1 }
- B. client private-network-1 { ip= 192.0.2.0/24 password-testing123-1 }
- C. client private-network-1 { ip = 192 0 2.0/24 passwd = testing123-1 }
- D. client private-network-1 { ip = 192 0.2.0/24 secret = testingl23-1 }
- E. client private-network-1 { ipaddr = 192 0 2.0/24 secret = testing 123-1 }

Answer: E

NEW QUESTION 44

What effect does the following command have on TCP packets?

iptables- A INPUT -d 10 142 232.1 -p tcp -dport 20:21 -j ACCEPT

- A. Forward all TCP traffic not on port 20 or 21 to the IP address 10.142 232.1
- B. Drop all TCP traffic coming from 10 142 232.1 destined for port 20 or 21.
- C. Accept only TCP traffic from 10.142 232.1 destined for port 20 or 21.
- D. Accept all TCP traffic on port 20 and 21 for the IP address 10.142.232.1

Answer: C

NEW QUESTION 45

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