



# LPI

## Exam Questions 303-200

LPIC-3 Exam 303: Security, version 2.0

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#### 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 option of mount.cifs specifies the user that appears as the local owner of the files of a mounted CIFS share when the server does not provide ownership information? (Specify ONLY the option name without any values or parameters.)

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

<http://linux.die.net/man/8/mount.cifs>

#### NEW QUESTION 3

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:** AE

#### NEW QUESTION 4

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

#### NEW QUESTION 7

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 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?

- 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

#### NEW QUESTION 9

in which path is the data, which can be altered by the sysctl command, accessible?

- A. /dev/sys/
- B. /sys/
- C. /proc/sys/
- D. /sysctl/

**Answer:** C

#### NEW QUESTION 10

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:** ABE

#### NEW QUESTION 10

Which of the following lines in an OpenSSL configuration adds an X 509v3 Subject Alternative Name extension for the host names example.org and www.example.org to a certificate'?

- A. subjectAltName = DNS: www example.org, DNS:example.org
- B. extension= SAN: www.example.org, SAN:example.org
- C. subjectAltName: www.example.org, subjectAltName: example.org
- D. commonName = subjectAltName= www.example.org, subjectAltName = example.org
- E. subject= CN= www.example.org, CN=example.org

**Answer:** A

#### NEW QUESTION 12

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 16

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 19

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 24

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 25

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 26

Which of the following keywords are built-in chains for the iptables nat table? (Choose THREE correct answers)

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

**Answer:** ADE

#### NEW QUESTION 28

Which of the following terms refer to existing scan techniques with nmap? (Choose TWO correct answers.)

- A. Xmas Scan
- B. Zero Scan
- C. FIN Scan
- D. IP Scan
- E. UDP SYN Scan

**Answer:** AC

#### NEW QUESTION 32

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

#### NEW QUESTION 36

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