

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

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.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

<https://www.centos.org/docs/5/html/DeployrnenLGuide-en-US/sec-sel-admincontrol.html>

NEW QUESTION 3

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 4

How are SELinux permissions related to standard Linux permissions? (Choose TWO correct answers.)

- A. SELinux permissions overnde standard Linux permissions.
- B. standard Linux permissions override SELinux permissions.
- C. SELinux permissions are verified before standard Linux permissions.
- D. SELinux permissions are verified after standard Linux permissions.

Answer: BD

NEW QUESTION 5

Which of the following prefixes could be present in the output of getcifsac!/? (Choose THREE correct answers.)

- A. ACL
- B. GRANT
- C. GROUP
- D. OWNER
- E. SID

Answer: ACE

NEW QUESTION 6

Which of the following are differences between AppArmor and SELinux? (Choose TWO correct answers).

- A. AppArmor is implemented in user space onl
- B. SELinux is a Linux Kernel Module.
- C. AppArmor is less complex and easier to configure than SELinux.
- D. AppArmor neither requires nor allows any specific configuratio
- E. SELinux must always be manually configured.
- F. SELinux stores information in extended file attribute
- G. AppArmor does not maintain file specific information and states.
- H. The SELinux configuration is loaded at boot time and cannot be changed later on AppArmor provides user space tools to change its behavior.

Answer: BD

NEW QUESTION 7

Linux Extended File Attributes are organized in namespaces. Which of the following names correspond to existing attribute namespaces? (Choose THREE correct answers.)

- A. default
- B. system
- C. owner

- D. trusted
- E. user

Answer: BDE

NEW QUESTION 8

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 9

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 10

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 10

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 12

Which of the following commands disables the automatic password expiry for the user usera?

- A. chage --maxdays none usera
- B. chage -maxdays 99 usera
- C. chage --maxdays -1 usera
- D. chage --lastday none usera
- E. chage --lastday 0 usera

Answer: C

NEW QUESTION 15

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 20

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 23

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 28

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 30

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 33

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: CD

NEW QUESTION 34

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 36

Which of the following statements describes the purpose of ndpmon?

- A. it monitors the network for neighbor discovery messages from new IPv6 hosts and routers
- B. it monitors remote hosts by periodically sending echo requests to them.
- C. it monitors the availability of a network link by querying network interfaces.
- D. It monitors the network for IPv4 nodes that have not yet migrated to IPv6.
- E. It monitors log files for failed login attempts in order to block traffic from offending network nodes

Answer: A

NEW QUESTION 40

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 41

Which directive is used in an OpenVPN server configuration in order to send network configuration information to the client? (Specify ONLY the option name without any values or parameters.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

<https://community.openvpn.net/openvpn/wiki/RoutedLans>

NEW QUESTION 45

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 46

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 47

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 48

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