

Exam Questions 303-200

LPIC-3 Exam 303: Security, version 2.0

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NEW QUESTION 1

Which command revokes ACL-based write access for groups and named users on the file afile?

- A. setfacl -x group: * : rx, user:*: rx afile
- B. setfacl -x mask: : rx afile
- C. setfacl ~m mask: : rx afile
- D. setfacl ~m group: * : rx, user:*: rx afile

Answer: C

NEW QUESTION 2

Which of the following authentication methods was added to NFS in version 4?

- A. Kerberos authentication
- B. SSH hostkey authentication
- C. Winbind authentication
- D. SSL certificate authentication

Answer: A

NEW QUESTION 3

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 4

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 5

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

- A. SELinux permissions override 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 6

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

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

Answer: ACE

NEW QUESTION 7

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

- A. AppArmor is implemented in user space only
- 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 configuration
- 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 8

Which PAM module checks new passwords against dictionary words and enforces complexity? (Specially the module name only without any path.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

http://www-deer-run.com/~hal/sysadmin/pam_cracklib.html

NEW QUESTION 9

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 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 14

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

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 19

Which of the following commands adds a new user usera to FreeIPA?

- A. useradd usera --directory ipa --gecos *User A"
- B. idap- useradd --H ldaps://ipa-server CN=UserA --attribs "Firstname: User: Lastname: A"
- C. ipa-admin create user --account usera -_fname User --iname A
- D. ipa user-add usera --first User --last A
- E. ipa-user- add usera --name "User A"

Answer: D

NEW QUESTION 20

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 24

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 25

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 27

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

NEW QUESTION 28

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 33

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

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

Answer: C

NEW QUESTION 37

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 -i eth0 -j SNAT -to-source 192.0.2.11
- C. iptables -t nat -A POSTROUTING -i 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 40

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 43

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 45

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 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 51

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 53

Which of the following statements is used in a parameter file for setkey in order to create a new SPD entry?

- A. spd
- B. addspd
- C. newspd
- D. spdnew
- E. spdadd

Answer: E

NEW QUESTION 57

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