

## Exam Questions 202-450

LPIC-2 Exam 202 Part 2 of 2 version 4.5

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#### NEW QUESTION 1

On a Linux router, packet forwarding for IPv4 has been enabled. After a reboot, the machine no longer forwards IP packets from other hosts. The command: `echo 1 > /proc/sys/net/ipv4/ip_forward` temporarily resolves this issue.

Which one of the following options is the best way to ensure this setting is saved across system restarts?

- A. Add `echo 1 > /proc/sys/net/ipv4/ip_forward` to the root user login script
- B. Add `echo 1 > /proc/sys/net/ipv4/ip_forward` to any user login script
- C. In `/etc/sysctl.conf` change `net.ipv4.ip_forward` to 1
- D. In `/etc/rc.local` add `net.ipv4.ip_forward = 1`
- E. In `/etc/sysconfig/iptables-config` add `ipv4.ip_forward = 1`

**Answer: C**

#### NEW QUESTION 2

What information can be found in the file specified by the `status` parameter in an OpenVPN server configuration file? (Choose two.)

- A. Errors and warnings generated by the `openvpn` daemon
- B. Routing information
- C. Statistical information regarding the currently running `openvpn` daemon
- D. A list of currently connected clients
- E. A history of all clients who have connected at some point

**Answer: BD**

#### NEW QUESTION 3

Which of the following `nmap` parameters scans a target for open TCP ports? (Choose two.)

- A. `-sO`
- B. `-sZ`
- C. `-sT`
- D. `-sU`
- E. `-sS`

**Answer: CE**

#### NEW QUESTION 4

What option in the client configuration file would tell OpenVPN to use a dynamic source port when making a connection to a peer?

- A. `src-port`
- B. `remote`
- C. `source-port`
- D. `nobind`
- E. `dynamic-bind`

**Answer: D**

#### NEW QUESTION 5

The content of which local file has to be transmitted to a remote SSH server in order to be able to log into the remote server using SSH keys?

- A. `~/.ssh/authorized_keys`
- B. `~/.ssh/config`
- C. `~/.ssh/id_rsa.pub`
- D. `~/.ssh/id_rsa`
- E. `~/.ssh/known_hosts`

**Answer: A**

#### NEW QUESTION 6

Which of the following Samba services handles the membership of a file server in an Active Directory domain?

- A. `winbindd`
- B. `nmbd`
- C. `msadd`
- D. `admemb`
- E. `samba`

**Answer: E**

#### NEW QUESTION 7

Which of the following options are valid in `/etc/exports`? (Choose two.)

- A. `rw`
- B. `ro`
- C. `rootsquash`
- D. `norootsquash`

E. uid

**Answer:** AB

#### NEW QUESTION 8

Which http\_access directive for Squid allows users in the ACL named sales\_net to only access the Internet at times specified in the time\_acl named sales\_time?

- A. http\_access deny sales\_time sales\_net
- B. http\_access allow sales\_net sales\_time
- C. http\_access allow sales\_net and sales-time
- D. allow http\_access sales\_net sales\_time
- E. http\_access sales\_net sales\_time

**Answer:** B

#### NEW QUESTION 9

Which global option in squid.conf sets the port number or numbers that Squid will use to listen for client requests?

- A. port
- B. client\_port
- C. http\_port
- D. server\_port
- E. squid\_port

**Answer:** C

#### NEW QUESTION 10

In response to a certificate signing request, a certification authority sent a web server certificate along with the certificate of an intermediate certification authority that signed the web server certificate. What should be done with the intermediate certificate in order to use the web server certificate with Apache HTTPD?

- A. The intermediate certificate should be merged with the web server's certificate into one file that is specified in SSLCertificateFile
- B. The intermediate certificate should be used to verify the certificate before its deployment on the web server and can be deleted
- C. The intermediate certificate should be stored in its own file which is referenced in SSLCaCertificateFile
- D. The intermediate certificate should be imported into the certificate store of the web browser used to test the correct operation of the web server
- E. The intermediate certificate should be archived and resent to the certification authority in order to request a renewal of the certificate

**Answer:** A

#### NEW QUESTION 10

When trying to reverse proxy a web server through Nginx, what keyword is missing from the following configuration sample?

```
location / {  
    _____ http://proxiedserver:8080;  
}
```

- A. remote\_proxy
- B. reverse\_proxy
- C. proxy\_reverse
- D. proxy\_pass
- E. forward\_to

**Answer:** D

#### NEW QUESTION 12

How is the LDAP administrator account configured when the rootdn and rootpw directives are not present in the slapd.conf file?

- A. The default account admin with the password admin are used
- B. The account is defined by an ACL in slapd.conf
- C. The default account admin is used without a password
- D. The account is defined in the file /etc/ldap.secret
- E. The account is defined in the file /etc/ldap.root.conf

**Answer:** B

#### NEW QUESTION 16

Which of the following PAM modules allows the system administrator to use an arbitrary file containing a list of user and group names with restrictions on the system resources available to them?

- A. pam\_filter
- B. pam\_limits
- C. pam\_listfile

D. pam\_unix

**Answer: B**

#### NEW QUESTION 18

In a PAM configuration file, which of the following is true about the required control flag?

- A. If the module returns success, no more modules of the same type will be invoked
- B. The success of the module is needed for the module-type facility to succeed
- C. If it returns a failure, control is returned to the calling application
- D. The success of the module is needed for the module-type facility to succeed
- E. However, all remaining modules of the same type will be invoked
- F. The module is not critical and whether it returns success or failure is not important
- G. If the module returns failure, no more modules of the same type will be invoked

**Answer: C**

#### NEW QUESTION 23

How are PAM modules organized and stored?

- A. As plain text files in /etc/security/
- B. As statically linked binaries in /etc/pam.d/bin/
- C. As Linux kernel modules within the respective sub directory of /lib/modules/
- D. As shared object files within the /lib/ directory hierarchy
- E. As dynamically linked binaries in /usr/lib/pam/sbin/

**Answer: E**

#### NEW QUESTION 25

Which of the following statements in the ISC DHCPD configuration is used to specify whether or not an address pool can be used by nodes which have a corresponding host section in the configuration?

- A. identified-nodes
- B. unconfigured-hosts
- C. missing-peers
- D. unmatched-hwaddr
- E. unknown-clients

**Answer: E**

#### NEW QUESTION 30

A company is transitioning to a new DNS domain name and wants to accept e-mail for both domains for all of its users on a Postfix server. Which configuration option should be updated to accomplish this?

- A. mydomain
- B. mylocations
- C. mydestination
- D. myhosts
- E. mydomains

**Answer: C**

#### NEW QUESTION 33

It has been discovered that the company mail server is configured as an open relay. Which of the following actions would help prevent the mail server from being used as an open relay while maintaining the possibility to receive company mails? (Choose two.)

- A. Restrict Postfix to only accept e-mail for domains hosted on this server
- B. Configure Dovecot to support IMAP connectivity
- C. Configure netfilter to not permit port 25 traffic on the public network
- D. Restrict Postfix to only relay outbound SMTP from the internal network
- E. Upgrade the mailbox format from mbox to maildir

**Answer: CD**

#### NEW QUESTION 38

After the installation of Dovecot, it is observed that the dovecot processes are shown in ps ax like this:

```
31248 ?        S          0:00 dovecot/imap
31253 ?        S          0:00 dovecot/imap-login
```

In order to associate the processes with users and peers, the username, IP address of the peer and the connection status, which of the following options must be set?

- A. --with-linux-extprocnames for ./configure when building Dovecot
- B. sys.ps.allow\_descriptions = 1 in sysctl.conf or /proc

- C. proc.all.show\_status = 1 in sysctl.conf or /proc
- D. verbose\_proctitle = yes in the Dovecot configuration
- E. process\_format = "%u %l %s" in the Dovecot configuration

**Answer:** D

#### NEW QUESTION 43

Which Postfix command can be used to rebuild all of the alias database files with a single invocation and without the need for any command line arguments?

- A. makealiases
- B. newaliases
- C. postalias
- D. postmapbuild

**Answer:** B

#### NEW QUESTION 44

Which of the following authentication mechanisms are supported by Dovecot? (Choose three.)

- A. ldap
- B. digest-md5
- C. cram-md5
- D. plain
- E. krb5

**Answer:** BCD

#### NEW QUESTION 46

Which of the following actions synchronizes UNIX passwords with the Samba passwords when the encrypted Samba password is changed using smbpasswd?

- A. There are no actions to accomplish this since is not possible.
- B. Run netvamp regularly, to convert the passwords.
- C. Run winbind -sync, to synchronize the passwords.
- D. Add unix password sync = yes to smb.conf
- E. Add smb unix password = sync to smb.conf

**Answer:** D

#### NEW QUESTION 49

What does the samba-tool testparm command confirm regarding the Samba configuration?

- A. The configuration loads successfully.
- B. The service operates as expected.
- C. The Samba services are started automatically when the system boots.
- D. The netfilter configuration on the Samba server does not block any access to the services defined in the configuration.
- E. All running Samba processes use the most recent configuration versio

**Answer:** A

#### NEW QUESTION 54

CORRECT TEXT

What command displays NFC kernel statistics? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

nfsstat

#### NEW QUESTION 58

The following Apache HTTPD configuration has been set up to create a virtual host available at www.example.com and www2.example.com:

```
<VirtualHost *:80>
    ServerName www.example.com
    ServerName www2.example.com
    ServerAdmin webmaster@example.com
    DocumentRoot /var/www/
    <Directory /srv/www/>
        Require all granted
    </Directory>
</VirtualHost>
```

Even though Apache HTTPD correctly processed the configuration file, requests to both names are not handled correctly. What should be changed in order to ensure correct operations?

- A. The configuration must be split into two VirtualHost sections since each virtual host may only have one name.
- B. The port mentioned in opening VirtualHost tag has to be appended to the ServerName declaration's values.
- C. Both virtual host names have to be placed as comma separated values in one ServerName declaration.
- D. Both virtual host names have to be mentioned in the opening VirtualHost tag.
- E. Only one Server name declaration may exist, but additional names can be declared in ServerAlias options.

**Answer: C**

#### NEW QUESTION 61

Which Apache HTTPD configuration directive specifies the RSA private key that was used in the generation of the SSL certificate for the server?

- A. SSLCertificateKeyFile
- B. SSLKeyFile
- C. SSLPrivateKeyFile
- D. SSLRSAKeyFile

**Answer: A**

#### NEW QUESTION 63

Which Apache HTTPD configuration directive is used to specify the method of authentication, e.g. None or Basic?

- A. AuthUser
- B. AllowedAuthUser
- C. AuthType
- D. AllowAuth

**Answer: C**

#### NEW QUESTION 64

For what purpose is TCP/IP stack fingerprinting used by nmap?

- A. It is used to determine the remote operating system.
- B. It is used to filter out responses from specific servers.
- C. It is used to identify duplicate responses from the same remote server.
- D. It is used to masquerade the responses of remote servers.
- E. It is used to uniquely identify servers on the network for forensic

**Answer: A**

#### NEW QUESTION 68

To allow X connections to be forwarded from or through an SSH server, what configuration keyword must be set to yes in the sshd configuration file?

- A. AllowForwarding
- B. ForwardingAllow
- C. X11ForwardingAllow
- D. X11Forwarding

**Answer: D**

#### NEW QUESTION 72

What is the standard port used by OpenVPN?

- A. 1723
- B. 4500
- C. 500
- D. 1194

Answer: D

#### NEW QUESTION 76

Which command is used to administer IPv6 netfilter rules?

- A. iptables
- B. iptablesv6
- C. iptables6
- D. ip6tables
- E. ipv6tables

Answer: D

#### NEW QUESTION 77

Which of these tools provides DNS information in the following format?

```
www.example.com has address 172.25.25.55  
www.example.com has address 172.25.25.63  
www.example.com has IPv6 address fdb4:8fbc:36e1::101f
```

- A. dig
- B. nslookup
- C. host
- D. named-checkconf
- E. named-checkzone

Answer: B

#### NEW QUESTION 79

Which of the following DNS record types is used for reverse DNS queries?

- A. CNAME
- B. IN
- C. PTR
- D. REV
- E. RIN

Answer: C

#### NEW QUESTION 84

CORRECT TEXT

Which doveadm sub-command displays a list of connections of Dovecot in the following format? (Specify ONLY the command without any parameters.)

```
username      # proto  (pids)  (ips)  
usera         1 imap   (31519) (198.51.100.14)  
userb         1 imap   (31608) (203.0.113.129)
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

who

#### NEW QUESTION 88

Which of these sets of entries does the following command return?

```
ldapsearch -x "(|(cn=marie) (!(telephoneNumber=9*)))"
```

- A. Entries that don't have a cn of marie or don't have a telephoneNumber that begins with 9.
- B. Entries that have a cn of marie or don't have a telephoneNumber beginning with 9.
- C. Entries that have a cn of marie and a telephoneNumber that ending with 9.
- D. Entries that don't have a cn of marie and don't have a telephoneNumber beginning with 9.

E. Entries that have a cn of marie or have a telephoneNumber beginning with 9.

**Answer:** C

**NEW QUESTION 93**

CORRECT TEXT

Which attribute of an object in LDAP defines which other attributes can be set for the object? (Specify ONLY the attribute name without any values.)

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

class

**NEW QUESTION 98**

Which of the following statements is INCORRECT regarding the LDIF file format?

- A. It contains a dn line that indicates where the attributes listed in the following lines of the file must be added.
- B. In the file, a blank line separates one entry from another one.
- C. If an attribute contains binary data, some specific configurations must be made for this entry.
- D. The LDIF file accepts any type of file encoding.

**Answer:** D

**NEW QUESTION 103**

Which option within the ISC DHCPD configuration file defines the IPv4 DNS server address(es) to be sent to the DHCP clients?

- A. domain-name-servers
- B. domain-server
- C. name-server
- D. servers

**Answer:** A

**NEW QUESTION 108**

Which of the following lines is valid in a configuration file in /etc/pam.d/?

- A. authrequired pam\_unix.sotry\_first\_pass nullok
- B. authtry\_first\_pass nullok, require pam\_unix.so
- C. authrequired:pam\_unix.so(try\_first\_pass nullok)
- D. authpam\_unix.so(required try\_first\_pass nullok)

**Answer:** A

**NEW QUESTION 110**

Select the alternative that shows the correct way to disable a user login for all users except root.

- A. The use of the pam\_block module along with the /etc/login configuration file.
- B. The use of the pam\_deny module along with the /etc/deny configuration file.
- C. The use of the pam\_pwd module along with the /etc/pwdv.conf configuration file.
- D. The use of the pam\_nologin module along with the /etc/nologin configuration file.

**Answer:** D

**NEW QUESTION 112**

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