LPI

Exam Questions 202-450

LPIC-2 Exam 202 Part 2 of 2 version 4.5

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/sysct1.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
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 4
Which Linux user is used by vsftpd to perform file system operations for anonymous FTP users?

A. The Linux user which runs the vsftpd process
B. The Linux user that owns the root FTP directory served by vsftpd
C. The Linux user with the same user name that was used to anonymously log into the FTP server
D. The Linux user root, but vsftpd grants access to anonymous users only to globally read-/writeable files
E. The Linux user specified in the configuration option ftp_username

Answer: E

NEW QUESTION 5
When the default policy for the netfilter INPUT chain is set to DROP, why should a rule allowing traffic to localhost exist?

A. All traffic to localhost must always be allowed
B. It doesn't matter; netfilter never affects packets addressed to localhost
C. Some applications use the localhost interface to communicate with other applications
D. syslogd receives messages on localhost
E. The iptables command communicates with the netfilter management daemon netfilterd on localhost to create and change packet filter rules

Answer: C

NEW QUESTION 6
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 7
With fail2ban, what is a 'jail'?

A. A netfilter rules chain blocking offending IP addresses for a particular service
B. A group of services on the server which should be monitored for similar attack patterns in the log files
C. A filter definition and a set of one or more actions to take when the filter is matched
D. The chroot environment in which fail2ban runs

Answer: C

NEW QUESTION 8
The program vsftpd, running in a chroot jail, gives the following error:

```
/bin/vsftpd: error while loading shared libraries: libc.so.6:
cannot open shared object file: No such file or directory.
```

Which of the following actions would fix the error?

A. The file /etc/ld.so.conf in the root filesystem must contain the path to the appropriate lib directory in the chroot jail
B. Create a symbolic link that points to the required library outside the chroot jail
C. Copy the required library to the appropriate lib directory in the chroot jail
D. Run the program using the command chroot and the option--static_libs

Answer: C

NEW QUESTION 9
How must Samba be configured such that it can check CIFS passwords against those found in
/etc/passwd and /etc/shadow?

A. Set the parameters "encrypt passwords = yes" and "password file = /etc/passwd"
B. Set the parameters "encrypt passwords = yes", "password file = /etc/passwd" and "password algorithm = crypt"
C. Delete the smbpasswd file and create a symbolic link to the passwd and shadow file
D. It is not possible for Samba to use /etc/passwd and /etc/shadow directly
E. Run smbpasswd to convert /etc/passwd and /etc/shadow to a Samba password file

Answer: D

NEW QUESTION 10
A user requests a "hidden" Samba share, named confidential, similar to the Windows Administration Share. How can this be configured?

A

```
[confidential]

comment = hidden share

path = /srv/smb/hidden

write list = user

create mask = 0700

directory mask = 0700
```

B

```
[$confidential]

comment = hidden share

path = /srv/smb/hidden

write list = user

create mask = 0700

directory mask = 0700
```

C

```
[#confidential]
comment = hidden share
path = /srv/smb/hidden
write list = user
create mask = 0700
directory mask = 0700
```

D

```
[%confidential]
comment = hidden share
path = /srv/smb/hidden
write list = user
create mask = 0700
directory mask = 0700
```

E

```
[confidential$]
comment = hidden share
path = /srv/smb/hidden
write list = user
create mask = 0700
directory mask = 0700
```

A. Option A
B. Option B
C. Option C
D. Option D
E. Option E

Answer: E

NEW QUESTION 10
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 11
Which command is used to configure which file systems a NFS server makes available to clients?

A. exportfs
B. mkfs.nfs
C. mount
D. nfsservct1
E. telinit

Answer: A

NEW QUESTION 13
Which of these tools, without any options, provides the most information when performing DNS queries?

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

Answer: A

NEW QUESTION 14
Which BIND option should be used to limit the IP addresses from which slave name servers may connect?

A. allow-zone-transfer
B. allow-transfer
C. allow-secondary
D. allow-slaves
E. allow-queries

Answer: B

NEW QUESTION 16
Which Apache HTTPD directive enables HTTPS protocol support?

A. HTTPSEngine on
B. SSLEngine on
C. SSLEnable on
D. HTTPSEnable on
E. StartTLS on

Answer: B

NEW QUESTION 17
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 20
When using mod_authz_core, which of the following strings can be used as an argument to Require in an Apache HTTPD configuration file to specify the authentication provider? (Choose three.)

A. method
B. all
C. regex
D. header
E. expr

Answer: ABE

NEW QUESTION 25
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 26
A host, called lpi, with the MAC address 08:00:2b:4c:59:23 should always be given the IP address of 192.168.1.2 by a DHCP server running ISC DHCPD.
Which of the following configurations will achieve this?

```
A
    host lpi {
            hardware-ethernet 08:00:2b:4c:59:23;
            fixed-address 192.168.1.2;
    }

B
    host lpi {
            mac=08:00:2b:4c:59:23;
            ip=192.168.1.2;
    }

C   host lpi = 08:00:2b:4c:59:23 192.168.1.2

D
    host lpi {
            hardware ethernet 08:00:2b:4c:59:23;
            fixed-address 192.168.1.2;
    }

E
    host lpi {
            hardware-address 08:00:2b:4c:59:23;
            fixed-ip 192.168.1.2;
    }
```

A. Option A
B. Option B
C. Option C
D. Option D
E. Option E

Answer: D

NEW QUESTION 29
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 34
CORRECT TEXT
According to this LDIF excerpt, which organizational unit is Robert Smith part of? (Specify only the organizational unit.)

```
dn: cn=Robert Smith, ou=people, dc=example, dc=com
objectclass: inetOrgPerson
cn: Robert Smith
cn: Robert J Smith
cn: bob smith
sn: smith
uid: rjsmith
userpassword: rJsmitH
carlicense: HISCAR 123
homephone: 555-111-2222
mail: r.smith@example.com
mail: rsmith@example.com
mail: bob.smith@example.com
description: swell guy
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
people

NEW QUESTION 39
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 succee
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 succee
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 44
CORRECT TEXT
What is the name of the root element of the LDAP tree holding the configuration of an OpenLDAP server that is using directory based configuration? (Specify ONLY the element's name without any additional information.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
slapd

NEW QUESTION 49
How are PAM modules organized and stored?

A. As plain text files in /etc/security/
B. A 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 54
CORRECT TEXT
Which OpenLDAP client command can be used to change the password for an LDAP entry? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
ldappasswd

NEW QUESTION 57
When are Sieve filters usually applied to an email?

A. When the email is delivered to a mailbox
B. When the email is relayed by an SMTP server
C. When the email is received by an SMTP smarthost
D. When the email is sent to the first server by an MUA
E. When the email is retrieved by an MUA

Answer: A

NEW QUESTION 59
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 sysct1.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 61
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 62
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 67
In order to join a file server to the Active Directory domain intra.example.com, the following smb.conf has been created:

```
[global]

        workgroup = intra.example.com

        netbios name = Fileserver

        server role = member server

        idmap config * : backend = tdb

        idmap config * : range = 10000-199999

        winbind enum users = yes

        winbind enum group = yes
```

The command net ads join raises an error and the server is not joined to the domain. What should be done to successfully join the domain?

A. Change server role to ad member server to join an Active Directory domain instead of an NT4 domain.

B. Add realm = intra.example.com to the smb.conf and change workgroup to the domain's netbios workgroup name.
C. Manually create a machine account in the Active Directory domain and specify the machine account's name with –U when starting net ads join.
D. Remove the winbind enum users and winbind enum groups since winbind is incompatible with Active Directory domains.
E. Remove all idmap configuration stanzas since the id mapping is defined globally in an Active Directory domain and cannot be changed on a member server.

Answer: E

NEW QUESTION 72
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 74
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 75
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 76
CORRECT TEXT
What option in the sshd configuration file instructs sshd to permit only specific user names to log in to a system? (Specify ONLY the option name without any values.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
sshd_config

NEW QUESTION 78
Using its standard configuration, how does fail2ban block offending SSH clients?

A. By rejecting connections due to its role as a proxy in front of SSHD.
B. By modifying and adjusting the SSHD configuration.
C. By creating and maintaining netfilter rules.
D. By creating null routes that drop any answer packets sent to the client.
E. By modifying and adjusting the TCP Wrapper configuration for SSH

Answer: B

NEW QUESTION 82
Which command is used to administer IPv6 netfilter rules?

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

Answer: D

NEW QUESTION 86

After running ssh-keygen and accepting the default values, which of the following files are changed or created? (Choose two.)

A. ~/.ssh/id_rsa.key
B. ~/.ssh/id_rsa.pub
C. ~/.ssh/id_rsa.prv
D. ~/.ssh/id_rsa.crt
E. ~/.ssh/id_rsa

Answer: BE

NEW QUESTION 87
A zone file contains the following lines:

```
$ORIGIN example.com

host2.example.org. IN A 198.51.100.102
```

and is included in the BIND configuration using this configuration stanza:

```
zone "example.com" {

        type master;

        file "db.example.com";

};
```

Which problem is contained in this configuration?

A. The zone statement is the BIND configuration must contain the cross-zone-data yes; statement.
B. The zone cannon contain records for a name which is outside the zone's hierarchy.
C. The $ORIGIN declaration cannot be used in zone files that are included for a specific zone name in the BIND configuration.
D. An A record cannot contain an IPv4 address because its value is supposed to be a reverse DNS name.
E. Names of records in a zone file cannot be fully qualified domain name

Answer: C

NEW QUESTION 91
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 93
CORRECT TEXT
According to the configuration below, what is the full e-mail address of the administrator for this domain?

```
$ORIGIN example.com

@      IN    SOA   mars.example.com pluto.example.com (

                  2016073142

                  10800

                  3600

                  604800

                  86400 )
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
admin@mars.example.com

NEW QUESTION 94
A BIND server should be upgraded to use TSIG. Which configuration parameters should be added if the server should use the algorithm hmac-md5 and the key skrKc4DoTzi/takIlPi7JZA==?

A

```
TSIG server.example.com. {

algorithm hmac-md5;

secret "skrKc4DoTzi/takIlPi7JZA==";

};
```

B

```
key.server.example.com. {

algorithm hmac-md5;

secret skrKc4DoTzi/takIlPi7JZA==;

};
```

C

```
key.server.example.com. {

algorithm hmac-md5;

secret "skrKc4DoTzi/takIlPi7JZA==";

};
```

D

```
key.server.example.com. {

algorithm=hmac-md5;

secret="skrKc4DoTzi/takIlPi7JZA==";

};
```

E

```
key.server.example.com.

algorithm hmac-md5

secret "skrKc4DoTzi/takIlPi7JZA==";
```

A. Option A
B. Option B
C. Option C
D. Option D
E. Option E

Answer: C

NEW QUESTION 98
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 100
Which of the following commands displays an overview of the Postfix queue content to help identify remote sites that are causing excessive mail traffic?

A. mailtraf
B. queuequery
C. qshape
D. postmap
E. poststats

Answer: C

NEW QUESTION 105
Which of the following commands is used to change user passwords in an OpenLDAP directory?

A. setent
B. ldpasswd
C. olppasswd
D. ldappasswd
E. ldapchpw

Answer: D

NEW QUESTION 106
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 encodin

Answer: D

NEW QUESTION 110
Which of the following PAM modules sets and unsets environment variables?

A. pam_set
B. pam_shell
C. pam-vars
D. pam-env
E. pam_export

Answer: D

NEW QUESTION 114
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_pwdb module along with the /etc/pwdv.conf configuration file.
D. The use of the pam_nologin module along with the /etc/nologin configuration fil

Answer: D

NEW QUESTION 117
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