Exam Questions 202-450

LPIC-2 Exam 202 Part 2 of 2 version 4.5

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NEW QUESTION 1
Which of the following lines in the sshd configuration file should, if present, be changed in order to increase the security of the server? (Choose two.)

A. Protocol 2, 1
B. PermitEmptyPasswords no
C. Port 22
D. PermitRootLogin yes
E. IgnoreRhosts yes

Answer: AD

NEW QUESTION 2
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 3
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 4
CORRECT TEXT
What command creates a SSH key pair? (Specify ONLY the command without any path or parameters)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
ssh-keygen

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
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 7
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 8
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 9
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 10
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 10
Performing a DNS lookup with dig results in this

```
;; QUESTION SECTION:
;5.123.168.192.in-addr.arpa.          IN      PTR


;; ANSWER SECTION:
5.123.168.192.in-addr.arpa.   600     IN      PTR linuserv.example.net.123.168.192.in-addr.arpa.


;; AUTHORITY SECTION:
123.168.192.in-addr.arpa.   600       IN      NS      linuserv.example.net.


;; ADDITIONAL SECTION:
linuserv.example.net.   600           IN      A       192.168.123.5
```

A. There is no . after linuserv.example.net in the PTR record in the forward lookup zone file
B. There is no . after linuserv in the PTR record in the forward lookup zone file
C. There is no . after linuserv.example.net in the PTR record in the reverse lookup zone file
D. The . in the NS definition in the reverse lookup zone has to be removed

Answer: C

NEW QUESTION 11
What option for BIND is required in the global options to disable recursive queries on the DNS server by default?

A. allow-recursive-query (none;);
B. allow-recursive-query off;
C. recursion { disabled; };
D. recursion { none; };
E. recursion no;

Answer: E

NEW QUESTION 14
In a BIND zone file, what does the @ character indicate?

A. It's the fully qualified host name of the DNS server
B. It's an alias for the e-mail address of the zone master
C. It's the name of the zone as defined in the zone statement in named.conf
D. It's used to create an alias between two CNAME entries

Answer: C

NEW QUESTION 15
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 18
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 19
CORRECT TEXT
What configuration directive of the Apache HTTPD server defines where log files are stored? (Specify ONE of the directives without any other options.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
ErrorLog

NEW QUESTION 24
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 29
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 31
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 35
Which tool creates a Certificate Signing Request (CSR) for serving HTTPS with Apache HTTPD?

A. apachect1
B. certgen
C. cartool
D. httpsgen
E. openssl

Answer: E

NEW QUESTION 40
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 41
If there is no access directive, what is the default setting for OpenLDAP?

A

```
access to *
        by *              read
```

B

```
access to *
        by anonymous    none
        by *            read
```

C

```
access to *
        by anonymous    auth
        by *            read
```

D

```
access to *
        by anonymous    write
        by *            read
```

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

Answer: B

NEW QUESTION 45
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 50
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 54
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 56
CORRECT TEXT
What is the path to the global Postfix configuration file? (Specify the full name of the file, including path.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
/etc/postfix/main.cf

NEW QUESTION 58
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 63
CORRECT TEXT
Which action in a Sieve filter forwards a message to another email address without changing the message? (Specify ONLY the action's name without any parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
redirect

NEW QUESTION 68
Which of the following services belongs to NFSv4 and does not exist in NFSv3?

A. rpc.idmapd
B. rpc.statd
C. nfsd
D. rpc.mountd

Answer: A

NEW QUESTION 70
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 73
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 76
CORRECT TEXT
In order to export /usr and /bin via NFSv4, /exports was created and contains working bind mounts to /usr and /bin. The following lines are added to /etc/exports on the NFC server:

```
/exports       192.0.1.0/24 (rw, sync, fsid=0, crossmnt, no_subtree_check)

/exports/usr     192.0.2.0/24 (rw, sync, fsid=0, crossmnt, no_subtree_check)

/exports/bin     192.0.2.0/24 (rw, sync, fsid=0, crossmnt, no_subtree_check)
```

After running
mount -tnfsv4 server://mnt
of an NFC-Client, it is observed that /mnt contains the content of the server's /usr directory instead of the content of the NFSv4 foot folder.
Which option in /etc/exports has to be changed or removed in order to make the NFSv4 root folder appear when mounting the highest level of the server? (Specify ONLY the option name without any
values or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
mount

NEW QUESTION 78
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 haveone 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 83
Which of the following statements are true regarding Server Name Indication (SNI)? (Choose two.)

A. It supports transparent failover of TLS sessions from one web server to another.
B. It allows multiple SSL/TLS secured virtual HTTP hosts to coexist on the same IP address.
C. It enables HTTP servers to update the DNS of their virtual hosts' names using the X 509 certificates of the virtual hosts.
D. It provides a list of available virtual hosts to the client during the TLS handshake.
E. It submits the host name of the requested URL during the TLS handshak

Answer: BE

NEW QUESTION 86
There is a restricted area in a site hosted by Apache HTTPD, which requires users to authenticate against the file /srv/www/security/sitepasswd.
Which command is used to CHANGE the password of existing users, without losing data, when Basic authentication is being used?

A. htpasswd –c /srv/www/security/sitepasswd user
B. htpasswd /srv/www/security/sitepasswd user
C. htpasswd –n /srv/www/security/sitepasswd user
D. htpasswd –D /srv/www/security/sitepasswd user

Answer: A

NEW QUESTION 91
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 94
Which of the following are logging directives in Apache HTTPD? (Choose two.)

A. TransferLog
B. CustomLog
C. ErrorLog
D. ServerLog
E. VHostLog

Answer: AB

NEW QUESTION 99
With Nginx, which of the following directives is used to proxy requests to a FastCGI application?

A. fastcgi_pass
B. fastcgi_proxy
C. proxy_fastcgi
D. proxy_fastcgi_pass
E. fastcgi_forward

Answer: A

NEW QUESTION 103
What is the standard port used by OpenVPN?

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

Answer: D

NEW QUESTION 106
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 108
Which of the following commands can be used to connect and interact with remote TCP network services? (Choose two.)

A. nettalk
B. nc
C. telnet
D. cat
E. netmap

Answer: BC

NEW QUESTION 111
To which destination will a route appear in the Linux routing table after activating IPv6 on a router's network interface, even when no global IPv6 addresses have

been assigned to the interface?

A. fe80::/10
B. 0::/128
C. 0::/0
D. fe80::/64
E. 2000::/3

Answer: A

NEW QUESTION 112
In order to prevent all anonymous FTP users from listing uploaded file names, what security precaution can be taken when creating an upload directory?

A. The directory must not have the execute permission set.
B. The directory must not have the read permission set.
C. The directory must not have the read or execute permission set.
D. The directory must not have the write permission set.
E. The directory must not contain other directorie

Answer: B

NEW QUESTION 114
Which command is used to administer IPv6 netfilter rules?

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

Answer: D

NEW QUESTION 116
Which of the following OpenVPN configuration options makes OpenVPN forward network packets between VPN clients itself instead of passing the packets on to the Linux host which runs the OpenVPN server for further processing?

A. inter-client-traffic
B. client-to-client
C. client-router
D. client-pass
E. grant-client-traffic

Answer: B

NEW QUESTION 121
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 125
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 128
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 130
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 134
Which of the following statements allow the logical combinations of conditions in Sieve filters? (Choose two.)

A. allof
B. anyof
C. noneof
D. and
E. or

Answer: AE

NEW QUESTION 138
Which configuration parameter on a Postfix server modifies only the sender address and not the recipient address?

A. alias_maps
B. alias_rewrite_maps
C. sender_canonical_maps
D. sender_rewrite_maps

Answer: C

NEW QUESTION 141
CORRECT TEXT
Which option in the Postfix configuration makes Postfix pass email to external destinations to another SMTP-server? (Specify ONLY the option name without any values.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
relay server

NEW QUESTION 145
What is the name of the Dovecot configuration variable that specifies the location of user mail?

A. mbox
B. mail_location
C. user_dir
D. maildir
E. user_mail_dir

Answer: B

NEW QUESTION 148
CORRECT TEXT
Which attitude 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 151
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 155
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 160
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 162
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