202-450 Dumps

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/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
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 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
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 5
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 6
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 7
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 8
In which CIFS share must printer drivers be placed to allow Point'n'Print driver deployment on Windows?

A. winx64drv$
B. print$
C. The name of the share is specified in the option print driver share within each printable share in smb.conf
D. pnpdrivers$
E. NETLOGON

Answer: B

NEW QUESTION 9
Which of the following statements is true regarding the NFSv4 pseudo file system on the NFS server?

A. It must be called /exports
B. It usually contains bind mounts of the directory trees to be exported
C. It must be a dedicated partition on the server
D. It is defined in the option Nfsv4-Root in /etc/pathmapd.conf
E. It usually contains symlinks to the directory trees to be exported

Answer: B

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 10
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 14
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 17
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 21
Which of the following DNS records could be a glue record?

A. ns1.labA198.51.100.53
B. labNS198.51.100.53
C. ns1.labNS198.51.100.53
D. ns1.A198.51.100.53
E. ns1.labGLUE198.51.100.53

Answer: A

NEW QUESTION 26
What word is missing from the following excerpt of a named.conf file?

```
_____ friends {

      10.10.0.0/24; 192.168.1.0/24;

};

options {

      allow-query { friends; };

};
```

A. networks
B. net
C. list
D. acl
E. group

Answer: D

NEW QUESTION 29
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 32
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
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 improved 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 38
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 41
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 43
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 48
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 50
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 53
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 56
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 57
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 61
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 65
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 69
The Samba configuration file contains the following lines:

```
host allow = 192.168.1.100  192.168.2.0/255.255.255.0   local host

host deny = 192.168.2.31

interfaces = 192.168.1.0/255.255.255.0192.168.2.0/255.255.255.0
```

A workstation is on the wired network with an IP address of 192.168.1.177 but is unable to access the Samba server. A wireless laptop with an IP address 192.168.2.93 can access the Samba server. Additional trouble shooting shows that almost every machine on the wired network is unable to access the Samba server.
Which alternate host allow declaration will permit wired workstations to connect to the Samba server without denying access to anyone else?

A. host allow = 192.168.1.1-255
B. host allow = 192.168.1.100192.168.2.200localhost
C. host deny = 192.168.1.100/255.255.255.0192.168.2.31localhost
D. host deny = 192.168.2.200/255.255.255.0192.168.2.31localhost
E. host allow = 192.168.1.0/255.255.255.0192.168.2.0/255.255.255.0 localhost

Answer: DE

NEW QUESTION 73
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 78
Which keyword is used in the Squid configuration to define networks and times used to limit access to the service?

A. acl
B. allow
C. http_allow
D. permit

Answer: A

NEW QUESTION 80
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
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 86
Which option within a Nginx server configuration section defines the file system path from which the content of the server is retrieved?

A. location
B. htdocs
C. DocumentRoot
D. root
E. base_dir

Answer: D

NEW QUESTION 88
Which of the following information has to be submitted to a certification authority in order to request a web server certificate?

A. The web server's private key.
B. The IP address of the web server.
C. The list of ciphers supported by the web server.
D. The web server's SSL configuration file.
E. The certificate signing reques

Answer: E

NEW QUESTION 90
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 93
Which FTP names are recognized as anonymous users in vsftp when the option anonymous_enable is set to yes in the configuration files? (Choose two.)

A. anonymous
B. ftp
C. In the described configuration, any username which neither belongs to an existing user nor has another special meaning is treated as anonymous user.
D. nobody
E. guest

Answer: AB

NEW QUESTION 97
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 102
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 104
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 107
Which rdnc sub command can be used in conjunction with the name of a zone in order to make BIND reread the content of the specific zone file without reloading other zones as well?

A. lookup
B. reload
C. fileupdate
D. reread
E. zoneupdate

Answer: AC

NEW QUESTION 111
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 112
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 114
Which option in named.conf specifies which host are permitted to ask for domain name information from the server?

A. allowed-hosts
B. accept-query
C. permit-query
D. allow-query
E. query-group

Answer: D

NEW QUESTION 115
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 116
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 121
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 126
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 130
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 132
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 137
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 142
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 147
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