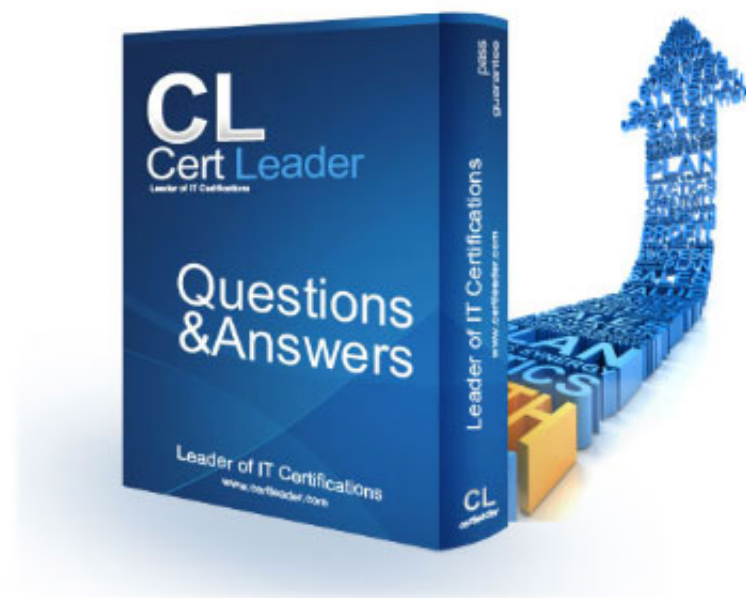


202-450 Dumps

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/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 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 3

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 4

Which of the following sshd configuration should be set to no in order to fully disable password based logins? (Choose two.)

- A. `PAMAuthentication`
- B. `ChallengegeResponseAuthentication`
- C. `PermitPlaintextLogin`
- D. `UsePasswords`
- E. `PasswordAuthentication`

Answer: BE

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

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 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

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 9

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 10**

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 order to protect a directory on an Apache HTTPD web server with a password, this configuration was added to an .htaccess file in the respective directory:

```
AuthType Basic

AuthName "Protected Directory"

AuthUserFile /var/www/dir/ .htpasswd

Require valid-user
```

Furthermore, a file /var/www/dir/ .htpasswd was created with the following content: usera:S3cr3t

Given that all these files were correctly processed by the web server processes, which of the following statements is true about requests to the directory?

- A. The user usera can access the site using the password s3cr3t
- B. Accessing the directory as usera raises HTTP error code 442 (User Not Existent)
- C. Requests are answered with HTTP error code 500 (Internal Server Error)
- D. The browser prompts the visitor for a username and password but logins for usera do not seem to work
- E. The web server delivers the content of the directory without requesting authentication

Answer: A

NEW QUESTION 19

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 21

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 23

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

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 26

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 27

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 28

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 30

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 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 34

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 36

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 40

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 41

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 43

What is the standard port used by OpenVPN?

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

Answer: D

NEW QUESTION 44

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 46

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 51

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 55

Which command is used to administer IPv6 netfilter rules?

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

Answer: D

NEW QUESTION 60

Which netfilter table contains built-in chains called INPUT, OUTPUT and FORWARD?

- A. ipconn
- B. filter
- C. nat
- D. default
- E. masq

Answer: B

NEW QUESTION 65

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 66

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 in the BIND configuration must contain the cross-zone-data yes; statement.
- B. The zone cannot 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 68

What is the purpose of DANE?

- A. Verify the integrity of name information retrieved via DNS.
- B. Allow secure dynamic DNS updates.
- C. Invalidate name information stored on caching name servers to speed up DNS updates.
- D. Discover which servers within a DNS domain offer a specific service.
- E. Provide a way to verify the association of X.509 certificates to DNS host name

Answer: E

NEW QUESTION 72

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/taklIPi7JZA==?

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 74

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 77

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 78

Which of the following values can be used in the OpenLDAP attribute olcBackend for any object of the class olcBackendConfig to specify a backend? (Choose three.)

- A. xml
- B. bdb
- C. passwd
- D. ldap
- E. text

Answer: BDE

NEW QUESTION 79

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