



LPI

Exam Questions 202-450

LPIC-2 Exam 202 Part 2 of 2 version 4.5

NEW QUESTION 1

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 2

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

- A. PAMAuthentication
- B. ChallengeResponseAuthentication
- C. PermitPlaintextLogin
- D. UsePasswords
- E. PasswordAuthentication

Answer: BE

NEW QUESTION 3

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 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

Which of the following Samba configuration parameters is functionally identical to the parameter read only=yes?

- A. browseable=no
- B. read write=no
- C. writeable=no
- D. write only=no
- E. write access=no

Answer: C

NEW QUESTION 8

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 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

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 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

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 17

What is DNSSEC used for?

- A. Encrypted DNS queries between nameservers
- B. Cryptographic authentication of DNS zones
- C. Secondary DNS queries for local zones
- D. Authentication of the user that initiated the DNS query
- E. Encrypting DNS queries and answers

Answer: B

NEW QUESTION 18

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 23

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 26

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 27

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 30

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 33

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 37

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 38

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 40

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 43

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 46

CORRECT TEXT

In order to specify alterations to an LDAP entry, what keyword is missing from the following LDIF file excerpt?

```
dn: cn=Some Person, dc=example, dc=com
changetype: _____
...
```

Specify the keyword only and no other information.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
add

NEW QUESTION 48

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 51

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 53

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 54

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 57

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 61

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 66

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 68

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 70

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 73

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 75

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 78

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 80

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 81

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 86

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 88

What is the standard port used by OpenVPN?

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

Answer: D

NEW QUESTION 92

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

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 101

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 104

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 108

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 111

Which rndc 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 112

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 113

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 118

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 121

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/takIIPi7JZA==?

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 123

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 124

Which of the following actions are available in Sieve core filters? (Choose three.)

- A. drop
- B. discard
- C. fileinto
- D. relay
- E. reject

Answer: CDE

NEW QUESTION 127

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 130

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 132

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 136

Which of the following types of IPv6 address assignments does DHCPv6 support? (Choose three.)

- A. Assignments of normal IPv6 addresses that can be renewed.
- B. Assignments of temporary IPv6 addresses that cannot be renewed.
- C. Assignments of blacklisted IPv6 addresses that should no longer be used.
- D. Assignments of IPv6 prefixes that can be used for routing or further assignments.
- E. Assignments of anonymous IPv6 addresses whose assignment is not logged by the DHCPv6 server

Answer: ABD

NEW QUESTION 140

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 141

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