



**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/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

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 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 5

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

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

**Answer:** C

#### NEW QUESTION 6

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 7

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 8

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 9

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 10

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 10

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 11

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 12

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 13

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 15

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 18

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 23

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 24

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

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 30

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 35

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 36

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 37

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 38

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 43

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 46

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 = 192.168.1.0/255.255.255.0 192.168.2.0/255.255.255.0
```

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 = 192.168.1.100 192.168.2.200 localhost
- C. host deny = 192.168.1.100/255.255.255.0 192.168.2.31 localhost
- D. host deny = 192.168.2.200/255.255.255.0 192.168.2.31 localhost
- E. host allow = 192.168.1.0/255.255.255.0 192.168.2.0/255.255.255.0 localhost

**Answer:** DE

#### NEW QUESTION 50

CORRECT TEXT

What command displays NFS kernel statistics? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

nfsstat

#### NEW QUESTION 52

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 55

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 57

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 62

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 request

**Answer:** E

#### NEW QUESTION 64

To allow X connections to be forwarded from or through an SSH server, what configuration keyword must be set to yes in the sshd configuration file?

- A. AllowForwarding
- B. ForwardingAllow
- C. X11ForwardingAllow
- D. X11Forwarding

**Answer:** D

#### NEW QUESTION 67

What is the standard port used by OpenVPN?

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

**Answer:** D



#### NEW QUESTION 68

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 72

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 74

Which command is used to administer IPv6 netfilter rules?

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

**Answer:** D

#### NEW QUESTION 78

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 81

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 86

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 87

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 89

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 93

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 97

In the main Postfix configuration file, how are service definitions continued on the next line?

- A. It isn't possible.
- B. The service definition must fit on one line.
- C. The initial line must end with a backslash character (\).
- D. The following line must begin with a plus character (+).
- E. The following line must begin with white space indentation.
- F. The service definition continues on the following lines until all of the required fields are specified.

**Answer:** D

#### NEW QUESTION 102

CORRECT TEXT

Which attribute 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 106

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 107

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