

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

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 3

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 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

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 6

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 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

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

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 10

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 10

CORRECT TEXT

Which directive in a Nginx server configuration block defines the TCP ports on which the virtual host will be available, and which protocols it will use? (Specify ONLY the option name without any values.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

listen

NEW QUESTION 13

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 14

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 17

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 21

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 25

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 30

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 31

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 35

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 38

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 40

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 42

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 44

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 45

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 46

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 50

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 55

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. XllForwardingAllow
- D. XllForwarding

Answer: D

NEW QUESTION 58

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 60

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 61

Which command is used to administer IPv6 netfilter rules?

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

Answer: D

NEW QUESTION 62

After running ssh-keygen and accepting the default values, which of the following files are changed or created? (Choose two.)

- A. ~/.ssh/id_rsa.key
- B. ~/.ssh/id_rsa.pub
- C. ~/.ssh/id_rsa.prv
- D. ~/.ssh/id_rsa.crt
- E. ~/.ssh/id_rsa

Answer: BE

NEW QUESTION 65

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 67

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 71

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 76

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 79

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 81

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 85

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 90

Which of the following commands displays an overview of the Postfix queue content to help identify remote sites that are causing excessive mail traffic?

- A. mailtraf
- B. queuequery
- C. qshape
- D. postmap
- E. poststats

Answer: C

NEW QUESTION 95

Which of these sets of entries does the following command return?

```
ldapsearch -x "(|(cn=marie) (!(telephoneNumber=9*)))"
```

- A. Entries that don't have a cn of marie or don't have a telephoneNumber that begins with 9.
- B. Entries that have a cn of marie or don't have a telephoneNumber beginning with 9.
- C. Entries that have a cn of marie and a telephoneNumber that ending with 9.
- D. Entries that don't have a cn of marie and don't have a telephoneNumber beginning with 9.
- E. Entries that have a cn of marie or have a telephoneNumber beginning with 9.

Answer: C

NEW QUESTION 100

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 102

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 106

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_pwd module along with the /etc/pwdb.conf configuration file.
- D. The use of the pam_nologin module along with the /etc/nologin configuration file

Answer: D

NEW QUESTION 110

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 115

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