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/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 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
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 5
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 6
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 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 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 10

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 13
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 15
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 18
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 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 20
CORRECT TEXT
What configuration directive of the Apache HTTPD server defines where log files are stored? (Specify ONE of the directives without any other options.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
ErrorLog

NEW QUESTION 25
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 28
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 32
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 34
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 35
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 38
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 42
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 44
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 47
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 50
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 53
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 56
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 58
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 63
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 67
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 69
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 74
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 75
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 78
In the main Postfix configuration file, how are service definitions continued on the next line?

A. It isn't possibl
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 specifie

Answer: D

NEW QUESTION 83
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 86
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 90
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 95
Which of the following PAM modules sets and unsets environment variables?

A. pam_set
B. pam_shell
C. pam-vars
D. pam-env
E. pam_export

Answer: D

NEW QUESTION 96
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 97
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