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
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 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
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
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 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
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
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
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 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 15
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 17
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 20
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 21
Which tool creates a Certificate Signing Request (CSR) for serving HTTPS with Apache HTTPD?

A. apachect1
B. certgen
C. cartool
D. httpsgen
E. openssl

Answer: E

NEW QUESTION 23
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 24
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 27
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 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 33
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 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 37
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 41
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 42
In order to join a file server to the Active Directory domain intra.example.com, the following smb.conf has been created:

```
[global]

    workgroup = intra.example.com

    netbios name = Fileserver

    server role = member server

    idmap config * : backend = tdb

    idmap config * : range = 10000-199999

    winbind enum users = yes

    winbind enum group = yes
```

The command net ads join raises an error and the server is not joined to the domain. What should be done to successfully join the domain?

A. Change server role to ad member server to join an Active Directory domain instead of an NT4 domain.
B. Add realm = intra.example.com to the smb.conf and change workgroup to the domain's netbios workgroup name.
C. Manually create a machine account in the Active Directory domain and specify the machine account's name with –U when starting net ads join.
D. Remove the winbind enum users and winbind enum groups since winbind is incompatible with Active Directory domains.
E. Remove all idmap configuration stanzas since the id mapping is defined globally in an Active Directory domain and cannot be changed on a member server.

Answer: E

NEW QUESTION 47
Select the Samba option below that should be used if the main intention is to setup a guest printer service?

A. security = cups
B. security = ldap
C. security = pam
D. security = share
E. security = printing

Answer: D

NEW QUESTION 49
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 52
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 55
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 haveone 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 56
Given the following Squid configuration excerpt: cache_dir ufs /var/spool/squid3/ 1024 16 256
Which of the following directories will exist directly within the directory /var/spool/squid3/? (Choose two.)

A. 0F
B. A0
C. 0b
D. FF
E. 00

Answer: AC

NEW QUESTION 60
There is a restricted area in a site hosted by Apache HTTPD, which requires users to authenticate against the file /srv/www/security/sitepasswd.
Which command is used to CHANGE the password of existing users, without losing data, when Basic authentication is being used?

A. htpasswd –c /srv/www/security/sitepasswd user
B. htpasswd /srv/www/security/sitepasswd user
C. htpasswd –n /srv/www/security/sitepasswd user
D. htpasswd –D /srv/www/security/sitepasswd user

Answer: A

NEW QUESTION 63
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 66

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 71
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 72
What is the standard port used by OpenVPN?

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

Answer: D

NEW QUESTION 76
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 77
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 79
Which command is used to administer IPv6 netfilter rules?

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

Answer: D

NEW QUESTION 83
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 87

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 89
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 90
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 94
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 97
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 101
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 105
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 107
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 110
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 113
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 serve

Answer: ABD

NEW QUESTION 117
Which of the following commands is used to change user passwords in an OpenLDAP directory?

A. setent
B. ldpasswd
C. olppasswd
D. ldappasswd
E. ldapchpw

Answer: D

NEW QUESTION 121
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 124

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 125

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_pwdb module along with the /etc/pwdv.conf configuration file.
D. The use of the pam_nologin module along with the /etc/nologin configuration fil

Answer: D

NEW QUESTION 126

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