Exam Questions 202-450

LPIC-2 Exam 202 Part 2 of 2 version 4.5

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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
Which of the statements below are correct regarding the following commands, which are executed on a Linux router? (Choose two.)

```
ip6tables -A FORWARD -s fe80::/64 -j DROP

ip6tables -A FORWARD -d fe80::/64 -j DROP
```

A. Packets with source or destination addresses from fe80::/64 will never occur in the FORWARD chain
B. The rules disable packet forwarding because network nodes always use addresses from fe80::/64 to identify routers in their routing tables
C. ip6tables returns an error for the second command because the affected network is already part of another rule
D. Both ip6tables commands complete without an error message or warning
E. The rules suppress any automatic configuration through router advertisements or DHCPv6

Answer: DE

NEW QUESTION 5
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 6
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 7
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 8
What is the name of the network security scanner project which, at the core, is a server with a set of network vulnerability tests?

A. NetMap
B. OpenVAS
C. Smartscan
D. Wireshark

Answer: B

NEW QUESTION 9
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 10
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 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
Which of these tools, without any options, provides the most information when performing DNS queries?

A. dig
B. nslookup
C. host
D. named-checkconf
E. named-checkzone

Answer: A

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
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 22
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 24
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 27
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 29
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 32
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 33
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 38
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 succee
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 succee
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 39
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 40
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 42
Which of the following statements in the ISC DHCPD configuration is used to specify whether or not an address pool can be used by nodes which have a corresponding host section in the configuration?

A. identified-nodes
B. unconfigured-hosts
C. missing-peers
D. unmatched-hwaddr

E. unknown-clients

Answer: E

NEW QUESTION 43
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 46
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 50
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 54
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 55
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 56
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 57
What does the samba-tool testparm command confirm regarding the Samba configuration?

A. The configuration loads successfully.
B. The service operates as expected.
C. The Samba services are started automatically when the system boots.
D. The netfilter configuration on the Samba server does not block any access to the services defined in the configuration.
E. All running Samba processes use the most recent configuration versio

Answer: A

NEW QUESTION 58
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 62
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 67
Which Apache HTTPD configuration directive specifies the RSA private key that was used in the generation of the SSL certificate for the server?

A. SSLCertificateKeyFile
B. SSLKeyFile
C. SSLPrivateKeyFile
D. SSLRSAKeyFile

Answer: A

NEW QUESTION 68
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 69
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 71
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 72

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 74
What is the standard port used by OpenVPN?

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

Answer: D

NEW QUESTION 79
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 80
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 81
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 85
Which command is used to administer IPv6 netfilter rules?

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

Answer: D

NEW QUESTION 90
Which netfilter table contains built-in chains called INPUT, OUTPUT and FORWARD?

A. ipconn
B. filter
C. nat
D. default
E. masq

Answer: B

NEW QUESTION 91

Which rdnc 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 92
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 95
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 96
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 99
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 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 106
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 107
CORRECT TEXT
Which attitude 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 112
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 116
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 119
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 120
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