

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 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 `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 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

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 6

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 7

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 8

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  linuxerv.example.net.123.168.192.in-addr.arpa.

;; AUTHORITY SECTION:
123.168.192.in-addr.arpa.  600      IN      NS      linuxerv.example.net.

;; ADDITIONAL SECTION:
linuxerv.example.net.  600      IN      A      192.168.123.5
```

- A. There is no . after linuxerv.example.net in the PTR record in the forward lookup zone file
- B. There is no . after linuxerv in the PTR record in the forward lookup zone file
- C. There is no . after linuxerv.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 9

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

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 10

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 15

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 16

Which statements about the Alias and Redirect directives in Apache HTTPD's configuration file are true? (Choose two.)

- A. Alias can only reference files under DocumentRoot
- B. Redirect works with regular expressions
- C. Redirect is handled on the client side
- D. Alias is handled on the server side
- E. Alias is not a valid configuration directive

Answer: CD

NEW QUESTION 17

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 22

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 27

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 29

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 31

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 imported 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 34

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 39

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 40

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 42

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 44

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 48

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 51

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 52

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 56

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 59

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 NFS 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 NFS-Client, it is observed that /mnt contains the content of the server's /usr directory instead of the content of the NFSv4 root 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 63

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 64

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 65

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 68

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 have one 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 72

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 73

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 76

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 77

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 82

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 85

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 89

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 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 92

Which of these tools provides DNS information in the following format?

```
www.example.com has address 172.25.25.55
www.example.com has address 172.25.25.63
www.example.com has IPv6 address fdb4:8fbc:36e1::101f
```

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

Answer: B

NEW QUESTION 96

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 99

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 101

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 102

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 107

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 110

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 114

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

- A. setent
- B. ldapasswd
- C. olpasswd
- D. ldappasswd
- E. ldapchpw

Answer: D

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_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 123

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