

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 Linux user is used by `vsftpd` to perform file system operations for anonymous FTP users?

- A. The Linux user which runs the `vsftpd` process
- B. The Linux user that owns the root FTP directory served by `vsftpd`
- C. The Linux user with the same user name that was used to anonymously log into the FTP server
- D. The Linux user `root`, but `vsftpd` grants access to anonymous users only to globally read-/writeable files
- E. The Linux user specified in the configuration option `ftp_username`

Answer: E

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

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

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 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

What option for BIND is required in the global options to disable recursive queries on the DNS server by default?

- A. allow-recursive-query (none;);
- B. allow-recursive-query off;
- C. recursion { disabled; };
- D. recursion { none; };
- E. recursion no;

Answer: E

NEW QUESTION 9

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

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 users do not seem to work
- E. The web server delivers the content of the directory without requesting authentication

Answer: A

NEW QUESTION 10

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 13

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: rJsmithH  
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 17

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 19

CORRECT TEXT

In order to specify alterations to an LDAP entry, what keyword is missing from the following LDIF file excerpt?


```
dn: cn=Some Person, dc=example, dc=com
changetype: _____
...
```

Specify the keyword only and no other information.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
add

NEW QUESTION 23

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 26

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 28

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 29

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 30

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 33

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 36

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 41

Using its standard configuration, how does fail2ban block offending SSH clients?

- A. By rejecting connections due to its role as a proxy in front of SSHD.
- B. By modifying and adjusting the SSHD configuration.
- C. By creating and maintaining netfilter rules.
- D. By creating null routes that drop any answer packets sent to the client.
- E. By modifying and adjusting the TCP Wrapper configuration for SSH

Answer: B

NEW QUESTION 44

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 48

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 50

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 52

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 55

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 59

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 64

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 69

Which of the following is correct about this excerpt from an LDIF file?

```
dn: cn=PrintOperators,ou=Groups,o=IT,DC=mycompany,DC=example,DC=com
```

- A. dn is the domain name.
- B. o is the operator name.
- C. cn is the common name.
- D. dn is the relative distinguished name.
- E. DC is the delegation container

Answer: D

NEW QUESTION 71

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 74

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 75

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