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 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 4
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 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
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 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
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 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
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 10
If there is no access directive, what is the default setting for OpenLDAP?

A

```
access to *
        by *                read
```

B

```
access to *
        by anonymous    none
        by *                read
```

C

```
access to *
        by anonymous    auth
        by *                read
```

D

```
access to *
        by anonymous    write
        by *                read
```

A. Option A
B. Option B
C. Option C
D. Option D

Answer: B

NEW QUESTION 13
A host, called lpi, with the MAC address 08:00:2b:4c:59:23 should always be given the IP address of 192.168.1.2 by a DHCP server running ISC DHCPD.
Which of the following configurations will achieve this?

A

```
host lpi {
        hardware-ethernet 08:00:2b:4c:59:23;
        fixed-address 192.168.1.2;
}
```

B

```
host lpi {
        mac=08:00:2b:4c:59:23;
        ip=192.168.1.2;
}
```

C   host lpi = 08:00:2b:4c:59:23 192.168.1.2

D

```
host lpi {
        hardware ethernet 08:00:2b:4c:59:23;
        fixed-address 192.168.1.2;
}
```

E

```
host lpi {
        hardware-address 08:00:2b:4c:59:23;
        fixed-ip 192.168.1.2;
}
```

A. Option A
B. Option B
C. Option C
D. Option D
E. Option E

Answer: D

NEW QUESTION 17
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 21
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 25
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 27
CORRECT TEXT
Which OpenLDAP client command can be used to change the password for an LDAP entry? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
ldappasswd

NEW QUESTION 29
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 32
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 34
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 36
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 39
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 43
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 44
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 49
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 54
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 56
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 58
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 59
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 61

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 66
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 68
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 72
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 73
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 76
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