

Exam Questions 202-450

LPIC-2 Exam 202 Part 2 of 2 version 4.5

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NEW QUESTION 1

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 2

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 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

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 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

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 7

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 8

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 9

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 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 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 10

What word is missing from the following excerpt of a named.conf file?

```
_____ friends {  
    10.10.0.0/24; 192.168.1.0/24;  
  
};  
  
options {  
    allow-query { friends; };  
  
};
```

- A. networks
- B. net
- C. list
- D. acl
- E. group

Answer: D

NEW QUESTION 14

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

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 18

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 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 22

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 26

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

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 36

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 41

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 46

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 49

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 53

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 56

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 60

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 62

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 67

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 72

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 73

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 77

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 handshake.

Answer: BE

NEW QUESTION 78

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 80

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 81

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 request

Answer: E

NEW QUESTION 83

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 88

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. X11ForwardingAllow
- D. X11Forwarding

Answer: D

NEW QUESTION 93

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 95

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 98

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 102

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 107

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 directories

Answer: B

NEW QUESTION 110

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 115

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 116

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 117

A zone file contains the following lines:

```
$ORIGIN example.com  
  
host2.example.org. IN A 198.51.100.102
```

and is included in the BIND configuration using this configuration stanza:

```
zone "example.com" {  
    type master;  
    file "db.example.com";  
};
```

Which problem is contained in this configuration?

- A. The zone statement in the BIND configuration must contain the cross-zone-data yes; statement.
- B. The zone cannot contain records for a name which is outside the zone's hierarchy.
- C. The \$ORIGIN declaration cannot be used in zone files that are included for a specific zone name in the BIND configuration.
- D. An A record cannot contain an IPv4 address because its value is supposed to be a reverse DNS name.
- E. Names of records in a zone file cannot be fully qualified domain name

Answer: C

NEW QUESTION 121

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 124

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 129

Which option in named.conf specifies which hosts 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 130

Which of these sets of entries does the following command return?

```
ldapsearch -x "(|(cn=marie) (!(telephoneNumber=9*)))"
```

- A. Entries that don't have a cn of marie or don't have a telephoneNumber that begins with 9.
- B. Entries that have a cn of marie or don't have a telephoneNumber beginning with 9.
- C. Entries that have a cn of marie and a telephoneNumber that ending with 9.
- D. Entries that don't have a cn of marie and don't have a telephoneNumber beginning with 9.
- E. Entries that have a cn of marie or have a telephoneNumber beginning with 9.

Answer: C

NEW QUESTION 131

CORRECT TEXT

Which attribute 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 134

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 136

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 encoding.

Answer: D

NEW QUESTION 139

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 141

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 143

Which of the following values can be used in the OpenLDAP attribute olcBackend for any object of the class olcBackendConfig to specify a backend? (Choose three.)

- A. xml
- B. bdb
- C. passwd
- D. ldap
- E. text

Answer: BDE

NEW QUESTION 145

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