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Exam Code: 202-450
Exam Name: LPIC-2 Exam 202



Exam A

QUESTION 1

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 forensics.

Correct Answer: A

Section:

Explanation:

Reference: <https://nmap.org/nmap-fingerprinting-old.html>

QUESTION 2

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



Correct Answer: D

Section:

Explanation:

Reference: <https://help.ubuntu.com/community/SSH/OpenSSH/Configuring>

QUESTION 3

What is the standard port used by OpenVPN?

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

Correct Answer: D

Section:

Explanation:

Reference: <https://openvpn.net/archive/openvpn-users/2006-04/msg00355.html>

QUESTION 4

FILL BLANK

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. sshd_config

Correct Answer: A

Section:

Explanation:

Reference: https://www.ssh.com/ssh/sshd_config/

QUESTION 5

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 SSHD.

Correct Answer: B

Section:

Explanation:

Reference: <https://www.digitalocean.com/community/tutorials/how-to-protect-ssh-with-fail2ban-on-centos-7>

QUESTION 6

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

Correct Answer: C, E

Section:

QUESTION 7

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

- 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

Correct Answer: D, E

Section:

QUESTION 8



What option in the client configuration file would tell OpenVPN to use a dynamic source port when making a connection to a peer?

- A. src-port
- B. remote
- C. source-port
- D. nobind
- E. dynamic-bind

Correct Answer: D

Section:

QUESTION 9

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

Correct Answer: E

Section:

QUESTION 10

Which of the following sshd configuration should be set to no in order to fully disable password based logins? (Choose two.)

- A. PAMAuthentication
- B. ChallengeResponseAuthentication
- C. PermitPlaintextLogin
- D. UsePasswords
- E. PasswordAuthentication

Correct Answer: B, E

Section:

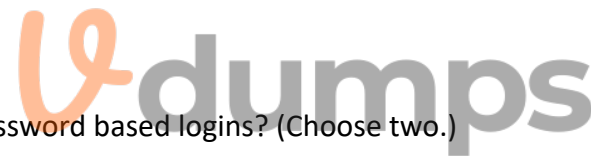
QUESTION 11

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

Correct Answer: C

Section:



QUESTION 12

FILL BLANK

What command creates a SSH key pair? (Specify ONLY the command without any path or parameters)

A. ssh-keygen

Correct Answer: A**Section:****QUESTION 13**

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

Correct Answer: A**Section:****Explanation:**

Reference: <https://www.digitalocean.com/community/tutorials/ssh-essentials-working-with-ssh-servers-clients-and-keys>

QUESTION 14

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

Correct Answer: B**Section:****QUESTION 15**

With fail2ban, what is a 'jail'?

A. A netfilter rules chain blocking offending IP addresses for a particular service

B. A group of services on the server which should be monitored for similar attack patterns in the log files

C. A filter definition and a set of one or more actions to take when the filter is matched

D. The chroot environment in which fail2ban runs

Correct Answer: C**Section:****Explanation:**

Reference: <https://docs.plesk.com/en-US/onyx/administrator-guide/server-administration/protection-against-brute-force-attacks-fail2ban/fail2ban-jails-management.73382/>

QUESTION 16

The program vsftpd, running in a chroot jail, gives the following error:

```
/bin/vsftpd: error while loading shared libraries: libc.so.6:  
cannot open shared object file: No such file or directory.
```

Which of the following actions would fix the error?

- A. The file /etc/ld.so.conf in the root filesystem must contain the path to the appropriate lib directory in the chroot jail
- B. Create a symbolic link that points to the required library outside the chroot jail
- C. Copy the required library to the appropriate lib directory in the chroot jail
- D. Run the program using the command chroot and the option--static_libs

Correct Answer: C

Section:

QUESTION 17

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

Correct Answer: E

Section:



QUESTION 18

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

Correct Answer: B

Section:

QUESTION 19

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
```

Correct Answer: E
Section:



QUESTION 20

Which of the following options are valid in /etc/exports? (Choose two.)

- A. rw
- B. ro
- C. rootsquash
- D. norootsquash
- E. uid

Correct Answer: A, B

Section:

QUESTION 21

Which command is used to configure which file systems a NFS server makes available to clients?

- A. exportfs
- B. mkfs.nfs
- C. mount
- D. nfsservct1
- E. telinit

Correct Answer: A

Section:

QUESTION 22

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

Correct Answer: A

Section:

QUESTION 23

Performing a DNS lookup with dig results in this answer:




```

;; 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

Correct Answer: C

Section:



QUESTION 24

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;

Correct Answer: E

Section:

QUESTION 25

Which of the following DNS records could be a glue record?

- A. ns1.lab A 198.51.100.53
- B. lab NS 198.51.100.53
- C. ns1.lab NS 198.51.100.53
- D. ns1. A 198.51.100.53
- E. ns1.lab GLUE 198.51.100.53

Correct Answer: A

Section:

QUESTION 26

What is DNSSEC used for?

- A. Encrypted DNS queries between nameservers
- B. Cryptographic authentication of DNS zones
- C. Secondary DNS queries for local zones
- D. Authentication of the user that initiated the DNS query
- E. Encrypting DNS queries and answers

Correct Answer: B

Section:

QUESTION 27

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

Correct Answer: D

Section:

QUESTION 28

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

Correct Answer: C

Section:



QUESTION 29

Which BIND option should be used to limit the IP addresses from which slave name servers may connect?

- A. allow-zone-transfer
- B. allow-transfer
- C. allow-secondary
- D. allow-slaves
- E. allow-queries

Correct Answer: B

Section:

QUESTION 30

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



Correct Answer: A

Section:

QUESTION 31

Which Apache HTTPD directive enables HTTPS protocol support?

- A. HTTPSEngine on
- B. SSLEngine on
- C. SSLEnable on
- D. HTTPSEnable on
- E. StartTLS on

Correct Answer: B

Section:

QUESTION 32

FILL BLANK

What configuration directive of the Apache HTTPD server defines where log files are stored? (Specify ONE of the directives without any other options.)

A. ErrorLog

Correct Answer: A

Section:

QUESTION 33

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

Correct Answer: C, D

Section:

QUESTION 34

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

Correct Answer: B

Section:

QUESTION 35

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

Correct Answer: C

Section:

QUESTION 36

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

Correct Answer: A, B, E

Section:

Explanation:

Reference: https://httpd.apache.org/docs/2.4/mod/mod_authz_core.html

QUESTION 37

Which tool creates a Certificate Signing Request (CSR) for serving HTTPS with Apache HTTPD?

- A. apachect1
- B. certgen
- C. cartool
- D. httpsgen
- E. openssl

Correct Answer: E

Section:

QUESTION 38

FILL BLANK

What is the path to the global Postfix configuration file? (Specify the full name of the file, including path.)

- A. etc/postfix/main.cf

Correct Answer: A

Section:

QUESTION 39

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

Correct Answer: A

Section:

QUESTION 40

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

Correct Answer: C, D

Section:

QUESTION 41

After the installation of Dovecot, it is observed that the dovecot processes are shown in ps ax like this:

```
31248 ? S 0:00 dovecot/imap
31253 ? S 0:00 dovecot/imap-login
```

In order to associate the processes with users and peers, the username, IP address of the peer and the connection status, which of the following options must be set?

- A. --with-linux-extprocnames for ./configure when building Dovecot
- B. sys.ps.allow_descriptions = 1 in sysctl.conf or /proc
- C. proc.all.show_status = 1 in sysctl.conf or /proc
- D. verbose_proctitle = yes in the Dovecot configuration
- E. process_format = "%u %l %s" in the Dovecot configuration

Correct Answer: D

Section:

QUESTION 42

Which Postfix command can be used to rebuild all of the alias database files with a single invocation and without the need for any command line arguments?

- A. makealiases
- B. newaliases
- C. postalias
- D. postmapbuild

Correct Answer: B

Section:

QUESTION 43

FILL BLANK 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. redirect

Correct Answer: A

Section:

QUESTION 44

Which of the following authentication mechanisms are supported by Dovecot? (Choose three.)

- A. ldap
- B. digest-md5

- C. cram-md5
- D. plain
- E. krb5

Correct Answer: B, C, D

Section:

Explanation:

Reference: <https://wiki2.dovecot.org/Authentication/Mechanisms>

QUESTION 45

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

Correct Answer: A

Section:

Explanation:

Reference: https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/5/html/deployment_guide/ch-nfs

QUESTION 46

Which of the following actions synchronizes UNIX passwords with the Samba passwords when the encrypted Samba password is changed using smbpasswd?

- A. There are no actions to accomplish this since is not possible.
- B. Run netvamp regularly, to convert the passwords.
- C. Run winbind -sync, to synchronize the passwords.
- D. Add unix password sync = yes to smb.conf
- E. Add smb unix password = sync to smb.conf

Correct Answer: D

Section:

Explanation:

Reference: https://www.oreilly.com/openbook/samba/book/ch06_04.html

QUESTION 47

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.

Correct Answer: E

Section:

QUESTION 48

FILL BLANK

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 -t nfsv4 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. `mount`

Correct Answer: A

Section:

QUESTION 49

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 version.

Correct Answer: A

Section:

Explanation:

Reference: <https://www.samba.org/samba/docs/current/man-html/testparm.1.html>

QUESTION 50

Select the Samba option below that should be used if the main intention is to setup a guest printer service?

- A. security = cups
- B. security = ldap
- C. security = pam
- D. security = share
- E. security = printing

Correct Answer: D

Section:

QUESTION 51

The Samba configuration file contains the following lines:

```
host allow = 192.168.1.100 192.168.2.0/255.255.255.0 localhost  
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

Correct Answer: D, E

Section:

QUESTION 52

FILL BLANK

What command displays NFS kernel statistics? (Specify ONLY the command without any path or parameters.)

- A. nfsstat

Correct Answer: A

Section:

Explanation:

Reference: <https://www.systutorials.com/docs/linux/man/8-nfsstat/>

QUESTION 53

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

Correct Answer: A

Section:

Explanation:

Reference: <https://www.tecmint.com/configure-squid-server-in-linux/>

QUESTION 54

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.

Correct Answer: C

Section:

QUESTION 55

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

Correct Answer: A, C

Section:

QUESTION 56

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.

Correct Answer: B, E

Section:

QUESTION 57

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

Correct Answer: A

Section:

Explanation:

Reference: https://httpd.apache.org/docs/2.4/ssl/ssl_faq.html#aboutcerts

QUESTION 58

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`

Correct Answer: A

Section:

Explanation:

Reference: <https://httpd.apache.org/docs/2.4/howto/auth.html>

QUESTION 59

Which Apache HTTPD configuration directive is used to specify the method of authentication, e.g. None or Basic?

- A. AuthUser
- B. AllowedAuthUser



- C. AuthType
- D. AllowAuth

Correct Answer: C

Section:

Explanation:

Reference: <https://httpd.apache.org/docs/2.4/howto/auth.html>

QUESTION 60

Which of the following are logging directives in Apache HTTPD? (Choose two.)

- A. TransferLog
- B. CustomLog
- C. ErrorLog
- D. ServerLog
- E. VHostLog

Correct Answer: A, B

Section:

Explanation:

Reference: http://httpd.apache.org/docs/current/mod/mod_log_config.html

QUESTION 61

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

Correct Answer: D

Section:

Explanation:

Reference: http://nginx.org/en/docs/beginners_guide.html

QUESTION 62

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

Correct Answer: A

Section:

QUESTION 63

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.

Correct Answer: E

Section:

Explanation:

Reference: <https://help.ubuntu.com/lts/serverguide/certificates-and-security.html.en>

QUESTION 64

Which FTP names are recognized as anonymous users in vsftpd 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

Correct Answer: A, B

Section:

Explanation:

Reference: http://vsftpd.beasts.org/vsftpd_conf.html#lbaE

**QUESTION 65**

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

Correct Answer: B, C

Section:

QUESTION 66

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

Correct Answer: A

Section:

QUESTION 67

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.

Correct Answer: B

Section:

QUESTION 68

Which command is used to administer IPv6 netfilter rules?

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

Correct Answer: D

Section:

Explanation:

Reference: https://www.centos.org/docs/5/html/5.1/Deployment_Guide/s1-ip6tables.html

QUESTION 69

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

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

Correct Answer: B

Section:

Explanation:

Reference: <http://shorewall.org/NetfilterOverview.html>

QUESTION 70



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

Correct Answer: B, E

Section:

Explanation:

Reference: <https://www.ssh.com/ssh/keygen/>

QUESTION 71

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

Correct Answer: B

Section:

QUESTION 72

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

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

Correct Answer: B

Section:

QUESTION 73

Which rndc 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



Correct Answer: A, C

Section:

QUESTION 74

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 names.

Correct Answer: C

Section:

QUESTION 75

Which of the following DNS record types is used for reverse DNS queries?

- A. CNAME
- B. IN
- C. PTR
- D. REV
- E. RIN

Correct Answer: C

Section:

Explanation:

Reference: <http://help.dnsmadeeasy.com/managed-dns/dns-record-types/ptr-record/>

QUESTION 76

FILL BLANK

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. admin@mars.example.com

Correct Answer: A

Section:

QUESTION 77

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 names.

Correct Answer: E

Section:

Explanation:

Reference: <https://wiki.archlinux.org/index.php/DANE>

QUESTION 78

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

Correct Answer: C

Section:

QUESTION 79

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 "passwordalgorithm = 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

Correct Answer: D

Section:

QUESTION 80

In which CIFS share must printer drivers be placed to allow Point'n'Print driver deployment on Windows?

- A. winx64drv\$
- B. print\$
- C. The name of the share is specified in the option print driver share within each printable share in smb.conf
- D. pnpdrivers\$
- E. NETLOGON

Correct Answer: B

Section:

