

Pass4sure 102-350 .116Questions

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102-350

LPI Level 1 Exam 102, Junior Level Linux Certification, Part 2 of 2

- ➡ Many new questions are added , Good for review go ahead and pass the exam now.
- ➡ It is appreciable that this dump has made the entire process very easy for taking exam.
- ➡ It's 100% valid and reliable.
- ➡ This dump contains most of the questions in the exam. Go for it
- ➡ Awesome works,thanks for create easiness for us people.
- ➡ Today is big day for me as I passed exam with 85%. Thanks

Sections

1. Shells, Scripting and Data Management
2. User Interfaces and Desktops
3. Administrative Tasks
4. Essential System Services
5. Networking Fundamentals
6. Security

Exam A

QUESTION 1

Which bash option will prevent you from overwriting a file with a ">"?

- A. set -o safe
- B. set -o noglob
- C. set -o noclobber
- D. set -o append
- E. set -o nooverwrite

Correct Answer: C

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

QUESTION 2

To test a shell script called myscript, the environment variable FOOBAR must be removed temporarily. How can this be done?

- A. unset -v FOOBAR
- B. set -a FOOBAR=""
- C. env -u FOOBAR myscript
- D. env -i FOOBAR myscript

Correct Answer: C

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

right answer.

QUESTION 3

In the following command and its output,

```
echo $$
```

```
12942
```

What is 12942?

- A. the process ID of the echo command
- B. the process ID of the current shell
- C. the process ID of the last command executed
- D. the process ID of the last backgrounded command

Correct Answer: B

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

QUESTION 4

How is the file format of /etc/crontab different from a normal crontab file? (Select TWO correct answers)

- A. The /etc/crontab file can specify a year field.
- B. A normal crontab file must be installed with the crontab command.
- C. A normal crontab file allows for environment variable substitution.
- D. The /etc/crontab file has a user field for commands.

Correct Answer: BD

Section: Administrative Tasks

Explanation

Explanation/Reference:

useful answer.

QUESTION 5

What is the main difference between the batch and at commands?

- A. The batch command will run multiple times. The at command will only run once.
- B. The batch command will run when system load is low. The at command runs at a specific time.
- C. The at command reads commands from standard input. The batch command requires a command line argument.
- D. The at command e-mails results to the user. The batch command logs results to syslog.

Correct Answer: B

Section: Administrative Tasks

Explanation

Explanation/Reference:

QUESTION 6

The correct crontab entry to execute the script chklog three times per month between 3 p.m. and 5 p.m.:

- A. * 3,4,5 1 * * chklog
- B. 3 3,4,5 1 * * chklog
- C. 3 15,16,17 * * * chklog
- D. 0 15,16,17 1 * * chklog
- E. * 15,16,17 1 * * chklog

Correct Answer: D

Section: Administrative Tasks

Explanation

Explanation/Reference:

QUESTION 7

Which command will set the local machine's timezone to UTC?

- A. cat UTC > /etc/timezone
- B. ln -s /usr/share/zoneinfo/UTC /etc/localtime
- C. date --timezone=UTC
- D. mv /usr/timezone/UTC /etc

Correct Answer: B

Section: Administrative Tasks

Explanation

Explanation/Reference:

genuine answer.

QUESTION 8

Which command should be added to /etc/bash_profile to change the language of messages from an internationalised program to Portuguese (pt)? (Select TWO correct answers)

- A. export LANGUAGE="pt"
- B. export MESSAGE="pt"
- C. export LANG="pt"
- D. export LC_MESSAGES="pt"
- E. export ALL_MESSAGES="pt"

Correct Answer: CD

Section: Administrative Tasks

Explanation

Explanation/Reference:

QUESTION 9

Which character in the password field of /etc/passwd is used to indicate that the encrypted password is stored in /etc/shadow?

- A. *
- B. -
- C. s
- D. x

Correct Answer: D

Section: Administrative Tasks

Explanation

Explanation/Reference:

QUESTION 10

Which commands can you use to change a user's account aging information? (Choose THREE correct answers.)

- A. usermod
- B. passwd
- C. chattr
- D. chage
- E. chsh

Correct Answer: ABD

Section: Administrative Tasks

Explanation

Explanation/Reference:

agreed with the answer.

QUESTION 11

Why is /etc/shadow not world readable if the passwords are stored in an encrypted fashion?

- A. The encrypted passwords are still subject to brute force attacks.
- B. This is just for historical reasons.
- C. There is other information in the file that needs to be kept secret.
- D. The passwords can be decrypted by anyone with root access.

Correct Answer: A

Section: Administrative Tasks

Explanation

Explanation/Reference:

great answer.

QUESTION 12

Of the ways listed, which is the best way to temporarily suspend a single user's ability to interactively login?

- A. Add the user name to /etc/nologin.
- B. Change the user's password.
- C. Change the user name in /etc/passwd.
- D. Use change to expire the user account.
- E. Place the command logout in the user's profile.

Correct Answer: D

Section: Administrative Tasks

Explanation

Explanation/Reference:

fantastic answer.

QUESTION 13

Which TWO statements about crontab are true?

- A. Every user may have their own crontab.
- B. Changing a crontab requires a reload/restart of the cron daemon.
- C. The cron daemon reloads crontab files automatically when necessary.
- D. hourly is the same as "0 * * * *".
- E. A cron daemon must run for each existing crontab.

Correct Answer: AC

Section: Administrative Tasks

Explanation

Explanation/Reference:

QUESTION 14

Which crontab entry could be used to set the system time at regular intervals?

- A. 1 0 * * * date \$d \$t \$24
- B. 1 0 * * * ntpdate ntp1.digex.net
- C. 1 0 * * * date ntp1.digex.net
- D. 1 0 * * * runcron date ntp1.digex.net
- E. 1 0 * * * settime \$d \$t \$24

Correct Answer: B

Section: Administrative Tasks

Explanation

Explanation/Reference:

QUESTION 15

Which of the following commands can be used to convert text files in one character encoding to another character encoding?

- A. cat
- B. convert
- C. dd
- D. iconv

E. utf2utf

Correct Answer: D

Section: Administrative Tasks

Explanation

Explanation/Reference:

QUESTION 16

You need to pause the CUPS printer HPLaserjet4, and you want to cancel all print jobs with a message, "hello". Which command will do this?

- A. cupsreject -c -r hello HPLaserjet4
- B. cupsreject -p -m hello HPLaserjet4
- C. cupsdisable -c -r hello HPLaserjet4
- D. cupsdisable -p -m hello HPLaserjet4

Correct Answer: C

Section: Essential System Services

Explanation

Explanation/Reference:

QUESTION 17

Which of the following are commonly used Mail Transfer Agent (MTA) applications? (Please select THREE correct answers)

- A. postfix
- B. procmail
- C. sendmail
- D. exim
- E. smtpd

Correct Answer: ACD

Section: Essential System Services

Explanation

Explanation/Reference:

QUESTION 18

What is pool.ntp.org?

- A. A deprecated feature for maintaining system time in the Linux kernel
- B. A website which provides binary and source packages for the OpenNTPD project
- C. A virtual cluster of various timeservers
- D. A community website used to discuss the localization of Linux

Correct Answer: C

Section: Essential System Services

Explanation

Explanation/Reference:

QUESTION 19

On a dual boot system, every time the system is booted back into Linux the time has been set backward by one day. Which of the following commands will correct the problem?

- A. `date -d '+ 1 day'`
- B. `hwclock --systohc --localtime`
- C. `ntpdate pool.ntp.org`
- D. `time hwclock`

Correct Answer: B

Section: Essential System Services

Explanation

Explanation/Reference:

QUESTION 20

Which file, when using Sendmail or a similar MTA system, will allow a user to redirect all their mail to another address and is configurable by the user themselves?

- A. `/etc/alias`
- B. `~/.alias`
- C. `/etc/mail/forwarders`
- D. `~/.forward`

E. ~/.vacation

Correct Answer: D

Section: Essential System Services

Explanation

Explanation/Reference:

QUESTION 21

What command should be used to print a listing of email in the system's mail queue?

- A. lpq
- B. mailq
- C. mlq
- D. sendmaill

Correct Answer: B

Section: Essential System Services

Explanation

Explanation/Reference:

QUESTION 22

What entry can you add to syslog.conf file to have all syslog messages generated by your system go to virtual console 12?

- A. *.* /dev/tty12
- B. /var/log/messages | /dev/tty12
- C. | /dev/tty12
- D. syslog tty12
- E. mail.* /dev/tty12

Correct Answer: A

Section: Essential System Services

Explanation

Explanation/Reference:

QUESTION 23

Which of the following is NOT a Mail Transport Agent?

- A. exim
- B. postfix
- C. sendmail
- D. qmail
- E. mail

Correct Answer: E

Section: Essential System Services

Explanation

Explanation/Reference:

QUESTION 24

What is NTP?

- A. A more secure protocol replacement for FTP.
- B. A protocol and system for maintaining time on computers.
- C. A routing aid for finding next hops on a network.
- D. A simple tunneling protocol for computers behind firewalls.

Correct Answer: B

Section: Essential System Services

Explanation

Explanation/Reference:

ratified.

QUESTION 25

Which of the following commands is used on the command line to send messages to the syslog systems?

- A. lastlog
- B. klog
- C. logger

- D. slog
- E. syslog

Correct Answer: C

Section: Essential System Services

Explanation

Explanation/Reference:

valid.

QUESTION 26

According to the FHS, where are user mailboxes kept? Assume that mail is not being delivered to somewhere in their home directories.

- A. /var/spool
- B. /etc/mail
- C. /var/mail
- D. /usr/mail

Correct Answer: C

Section: Essential System Services

Explanation

Explanation/Reference:

up to dated.

QUESTION 27

The legacy program, provided by CUPS for sending files to the printer queues on the command line is:

- A. lpd
- B. lpp
- C. lpq
- D. lpr

Correct Answer: D

Section: Essential System Services

Explanation

Explanation/Reference:

nice.

QUESTION 28

Which TWO of the following Class B IPv4 networks are reserved by IANA for private address assignment and private routing?

- A. 128.0.0.0
- B. 169.16.0.0
- C. 169.254.0.0
- D. 172.16.0.0
- E. 172.20.0.0

Correct Answer: DE

Section: Essential System Services

Explanation

Explanation/Reference:

QUESTION 29

Which of the following information is NOT provided in any output from the netstat utility?

- A. broadcast services
- B. interface statistics
- C. masquerading connections
- D. network connections
- E. routing tables

Correct Answer: A

Section: Networking Fundamentals

Explanation

Explanation/Reference:

QUESTION 30

Which of the following commands can be used to activate a specific network interface?

- A. ipup
- B. ifup

- C. net
- D. netup

Correct Answer: B

Section: Networking Fundamentals

Explanation

Explanation/Reference:

QUESTION 31

Which statement is true regarding the following `/etc/resolv.conf` file?

```
search example.com
nameserver 208.77.188.166
nameserver 208.77.188.167
```

- A. There is a syntax error.
- B. If DNS queries to the localhost fail, the server 208.77.188.166 will be queried.
- C. example.com will be appended to all host lookups.
- D. example.com will be appended to host names when they do not contain dots.
- E. The DNS server with the shortest ping time will be queried first. If the lookup fails, the second server will be queried.

Correct Answer: D

Section: Networking Fundamentals

Explanation

Explanation/Reference:

QUESTION 32

What is the purpose of the `dig` command?

- A. It can be used as a tool for querying DNS servers.
- B. It can be used for searching through indexed file content.
- C. It can be used to look for open ports on a system.
- D. It can be used to ping all known hosts on the current subnet

Correct Answer: A

Section: Networking Fundamentals

Explanation

Explanation/Reference:

QUESTION 33

You suspect that a gateway machine on your network has failed but you are unsure which machine. Which command will help locate the problem?

- A. ps
- B. netstat
- C. nslookup
- D. ifconfig
- E. traceroute

Correct Answer: E

Section: Networking Fundamentals

Explanation

Explanation/Reference:

QUESTION 34

Suppose that the command netstat -a hangs for a long time without producing output. You might suspect:

- A. A problem with NFS.
- B. A problem with DNS.
- C. A problem with NIS.
- D. A problem with routing.
- E. That the netstat daemon has crashed.

Correct Answer: B

Section: Networking Fundamentals

Explanation

Explanation/Reference:

QUESTION 35

Which of the following describes the Linux ping packet or datagram?

- A. IP packet with a packet type
- B. ICMP packet with a message type
- C. ICMP packet with a payload
- D. UDP datagram with a protocol type
- E. UDP datagram with a payload

Correct Answer: B

Section: Networking Fundamentals

Explanation

Explanation/Reference:

QUESTION 36

Which of the following lines would you find in the file /etc/resolv.conf?

- A. order hosts,bind
- B. 192.168.168.4 dns-server
- C. hosts: files,dns
- D. domain mycompany.com

Correct Answer: D

Section: Networking Fundamentals

Explanation

Explanation/Reference:

okay.

QUESTION 37

Which of the following looks like a correct entry in the /etc/hosts file?

- A. localhost 127.0.0.1 localhost.localdomain
- B. localhost.localdomain localhost 127.0.0.1
- C. localhost localhost.localdomain 127.0.0.1
- D. 127.0.0.1 localhost.localdomain localhost
- E. localhost.localdomain 127.0.0.1 localhost

Correct Answer: D

Section: Networking Fundamentals

Explanation

Explanation/Reference:

QUESTION 38

What is the purpose of the nsswitch.conf file?

- A. It is used to configure where the C library looks for system information such as host name services and user passwords.
- B. It is used to configure network protocol port numbers such as for HTTP or SMTP.
- C. It is used to configure LDAP authentication services for the local system.
- D. It is used to configure which network services will be turned on during the next system reboot.

Correct Answer: A

Section: Networking Fundamentals

Explanation

Explanation/Reference:

okay.

QUESTION 39

Identify the statement that would create a default route using a gateway of 192.168.1.1.

- A. netstat -add default gw 192.168.1.1
- B. route add default gw 192.168.1.1
- C. ip route default 192.168.1.1
- D. route default gw 192.168.1.1
- E. ifconfig default gw 192.168.1.1 eth0

Correct Answer: B

Section: Networking Fundamentals

Explanation

Explanation/Reference:

sophisticated answer.

QUESTION 40

Which of the following commands can deconfigure a network interface?

- A. ipdown
- B. net
- C. ifconfig
- D. netdown

Correct Answer: C

Section: Networking Fundamentals

Explanation

Explanation/Reference:

efficient answer.

QUESTION 41

Which command manipulates the TTL (Time to Live) field in the IP protocol in order to get ICMP responses from gateways along the path to a host?

- A. dig
- B. host
- C. ping
- D. tcpdump
- E. traceroute

Correct Answer: E

Section: Networking Fundamentals

Explanation

Explanation/Reference:

appropriate.

QUESTION 42

Which of the following lines would you find in the file /etc/nsswitch.conf?

- A. 192.168.168.4 dns-server
- B. domain mycompany.com
- C. hosts: files dns
- D. smtp 25/tcp

Correct Answer: C

Section: Networking Fundamentals

Explanation

Explanation/Reference:

QUESTION 43

In anxinetdconfig file, which attribute specifies the network address that will be used to offer the service?

- A.
- B.
- C.
- D.

Correct Answer:

Section: Security

Explanation

Explanation/Reference:

Answer: bind, interface

QUESTION 44

When attempting to send a file to another user securely with GPG, which of the following actions must be done?

- A. Encrypt the file using your public key.
- B. Encrypt the file using their public key.
- C. Encrypt the file using your private key.
- D. Encrypt the file using their private key.
- E. Sign the file with your public key.

Correct Answer: B

Section: Security

Explanation

Explanation/Reference:

QUESTION 45

While performing a security audit, a temporarily mounted device will not unmount and is reported as being busy. Which of the following commands could be used to determine which process is causing the device to be busy?

- A. debug
- B. lsof
- C. nessus
- D. strace
- E. traceroute

Correct Answer: B

Section: Security

Explanation

Explanation/Reference:

QUESTION 46

What command is used to hold keys during a login session to be used for automatic authentication while logging in to other machines using ssh?

- A. sshd
- B. ssh-agent
- C. ssh-keygen
- D. ssh-add

Correct Answer: B

Section: Security

Explanation

Explanation/Reference:

QUESTION 47

Which configuration file would you edit to change default options for outbound ssh sessions?

- A. /etc/ssh/sshd_config
- B. /etc/ssh/ssh
- C. /etc/ssh/client

- D. /etc/ssh/ssh_config
- E. /etc/ssh/ssh_client

Correct Answer: D

Section: Security

Explanation

Explanation/Reference:

real answer.

QUESTION 48

Which of the following find commands will print out a list of suid root files in /usr?

- A. find /usr -uid 0 -perm +4000
- B. find -user root +mode +s /usr
- C. find -type suid -username root -d /usr
- D. find /usr -ls *s* -u root
- E. find /usr -suid -perm +4000

Correct Answer: A

Section: Security

Explanation

Explanation/Reference:

okay.

QUESTION 49

Which of the following programs uses the hosts.allow file to perform its main task of checking for access control restrictions to system services?

- A. tcpd
- B. inetd
- C. fingerd
- D. mountd
- E. xinetd

Correct Answer: A

Section: Security

Explanation

Explanation/Reference:

okay.

QUESTION 50

Which directory in a user's home contains configuration files and key rings for GPG?

- A. ~/gpg.d/
- B. ~/.gpg/
- C. ~/.gnupg/
- D. ~/gnupg/
- E. ~/.gpg.d/

Correct Answer: C

Section: Security

Explanation

Explanation/Reference:

QUESTION 51

Which command is used to set restrictions on the size of a core file that is created for a user when a program crashes?

- A. core
- B. edquota
- C. ulimit
- D. quota

Correct Answer: C

Section: Security

Explanation

Explanation/Reference:

QUESTION 52

Which configuration file does sudo read when determining if a user is permitted to run applications with root privileges?

- A. /etc/audit.conf

- B. /etc/shadow
- C. /etc/sudo.conf
- D. /etc/sudoers

Correct Answer: D

Section: Security

Explanation

Explanation/Reference:

QUESTION 53

When generating new authentication keys with SSH for a user, where should the private key be kept?

- A. On any trusted system from which the user will login.
- B. On a CD-ROM or USB stick.
- C. Printed and kept in a secure place.
- D. Only on the computer where the key was created.
- E. SSH does not use private keys.

Correct Answer: A

Section: Security

Explanation

Explanation/Reference:

QUESTION 54

What word will complete an if statement in bash such as the following:

```
if [ -x "$file" ]; then  
echo $file  
_____
```

(Please provide the missing word only)

Correct Answer: Answer: fi

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

QUESTION 55

What word is missing from the following SQL statement?
updatetablename _____ fieldname='value' where id=909;

Correct Answer: Answer: set, SET

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

QUESTION 56

Which directory in /etc is used to keep a sample copy of files and directories for when a new user has a home directory created? (Please provide the full path)

Correct Answer: Answer: /etc/skel, /etc/skel/

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

QUESTION 57

By default, the contents of which directory will be copied to a new user's home directory when the account is created by passing the -m option to the useradd command? (Please provide the full path)

Correct Answer: Answer: /etc/skel, /etc/skel/

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

QUESTION 58

What word is missing from the following SQL statement?
_____ count(*) from tablename;

Correct Answer: Answer: select, SELECT

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

QUESTION 59

What is the name of the simple graphical login manager that comes with a vanilla X11 installation? (Provide only the name of the program without any path information)

Correct Answer: Answer: xdm

Section: User Interfaces and Desktops

Explanation

Explanation/Reference:

exact answer.

QUESTION 60

An administrator wants to determine the geometry of a particular window in X, so she issues the _____ -metric command and then clicks on the window.

Correct Answer: Answer: /usr/bin/xwininfo, xwininfo

Section: User Interfaces and Desktops

Explanation

Explanation/Reference:

QUESTION 61

The system's timezone may be set by linking /etc/localtime to an appropriate file in which directory? (Provide the full path to the directory, without any country information)

Correct Answer: Answer: /usr/share/zoneinfo/, /usr/share/zoneinfo

Section: Administrative Tasks

Explanation

Explanation/Reference:

QUESTION 62

What command will display the group names and GIDs to which a user belongs? (Provide only the command name with or without path information)

Correct Answer: Answer: id, /usr/bin/id

Section: Administrative Tasks

Explanation

Explanation/Reference:

QUESTION 63

The _____ command is used to add a group to the system.

Correct Answer: Answer: groupadd, /usr/sbin/groupadd

Section: Administrative Tasks

Explanation

Explanation/Reference:

QUESTION 64

A user was not given permission to use the CRON scheduling system. What file needs to be modified to provide that access? (Please specify the full path to the file)

Correct Answer: Answer: /etc/cron.allow

Section: Administrative Tasks

Explanation

Explanation/Reference:

QUESTION 65

Which file specifies the user accounts that can NOT submit jobs via at or batch? (Provide the full path and filename)

Correct Answer: Answer: /etc/at.deny

Section: Administrative Tasks

Explanation

Explanation/Reference:

QUESTION 66

To exclude all log messages of a given logging facility, you should use a logging priority of _____ .

Correct Answer: Answer: none

Section: Essential System Services

Explanation

Explanation/Reference:

QUESTION 67

What command can be used to generate syslog entries of any facility and priority? (supply just the command name without a path)

Correct Answer: Answer: logger

Section: Essential System Services

Explanation

Explanation/Reference:

QUESTION 68

After configuring printing on a Linux server, the administrator sends a test file to one of the printers and it fails to print. What command can be used to print the status of the printer's queue? (Provide only the command, without any options or parameters)

Correct Answer: Answer: lpq, /usr/bin/lpq

Section: Essential System Services

Explanation

Explanation/Reference:

QUESTION 69

To slave your NTP daemon to an external source, you need to modify the _____ variable in your /etc/ntp.conf file.

Correct Answer: Answer: server

Section: Essential System Services

Explanation

Explanation/Reference:

QUESTION 70

You need to sync your hardware clock with your system clock. To do this, complete the following command:

_____ -u --systohc

Select and Place:

Correct Answer:

Section: Essential System Services

Explanation

Explanation/Reference:

Answer: hwclock, /sbin/hwclock, /usr/sbin/hwclock

QUESTION 71

What command is used to print a listing of e-mail that is currently being managed by the MTA but has not yet been delivered? (Please specify the command with or without path)

Correct Answer: Answer: mailq, /usr/bin/mailq, sendmail -bp, /usr/sbin/sendmail -bp, /usr/lib/sendmail -bp

Section: Essential System Services

Explanation

Explanation/Reference:

QUESTION 72

An administrator has added the following line to /etc/inittab in order to disable the ability to reboot a Debian system by pressing the Control + Alt + Delete keys simultaneously:

ca:12345:_____:./bin/echo "Rebooting disabled"

Please provide the missing string

Correct Answer: Answer: ctrlaltdel

Section: Security

Explanation

Explanation/Reference:

QUESTION 73

Which option, when passed to the gpg command, will enter an interactive menu enabling the user to perform key management related tasks? (Provide only the option)

Correct Answer: Answer: edit-key, --edit-key

Section: Security

Explanation

Explanation/Reference:

QUESTION 74

Please specify the top directory containing the configuration files for the CUPS printing system. (Provide the full path to the directory)

Correct Answer: Answer: /etc/cups, /etc/cups/

Section: Essential System Services

Explanation

Explanation/Reference:

QUESTION 75

With IPv6, how many bits have been used for the host identifier portion of an address? (Please enter the number and not a word)

Correct Answer: Answer: 64

Section: Networking Fundamentals

Explanation

Explanation/Reference:

QUESTION 76

Your ISP has given you an IP block for your use. The block is 192.168.112.64/27. If your network administrator uses the first usable IP for the router he's installed on your network, how many usable IPs do you have left? (Please enter the number and not a word)

Correct Answer: Answer: 29

Section: Networking Fundamentals

Explanation

Explanation/Reference:

QUESTION 77

The _____ command is used to assign an IP address to a device. (Please specify the command with or without path information)

Correct Answer: Answer: ifconfig, /sbin/ifconfig, ip, /sbin/ip

Section: Networking Fundamentals

Explanation

Explanation/Reference:

QUESTION 78

The _____ command is used to send ICMP ECHO_REQUEST datagrams to a single host or gateway. (Provide only the command name with or without path information)

Correct Answer: Answer: ping, /bin/ping

Section: Networking Fundamentals

Explanation

Explanation/Reference:

QUESTION 79

Given the following line from /etc/nsswitch.conf:

```
hosts:    files mdns4_minimal [NOTFOUND=return] dns mdns4
```

By default, which file will be queried first for hostname lookups? (Provide the full path and filename)

Correct Answer: Answer: /etc/hosts

Section: Networking Fundamentals

Explanation

Explanation/Reference:

QUESTION 80

What is the command to delete the default gateway from the system IP routing table? (Please specify the complete command with arguments)

Correct Answer: Answer: route del default, ip route del default, /sbin/route del default, /sbin/ip route del default

Section: Networking Fundamentals

Explanation

Explanation/Reference:

QUESTION 81

An administrator is configuring a secured webserver, however connecting to https://127.0.0.1 is not working. She runs netstat -ntl, which returns the following output:

```
tcp    0    0  0.0.0.0:80    0.0.0.0:*    LISTEN
```

What port should be listening before a successful connection is possible? (Provide only the numerical value of the port)

Correct Answer: Answer: 443

Section: Networking Fundamentals

Explanation

Explanation/Reference:

QUESTION 82

What is the assigned port number for the HTTP service? (Provide the number with digits and not as a word)

Correct Answer: Answer: 80

Section: Networking Fundamentals

Explanation

Explanation/Reference:

QUESTION 83

Your ISP has given you an IP block for your use. The block is 192.168.112.64/29. If your network administrator uses the first usable IP for the router he's installed on your network, how many usable IPs do you have left? (Please enter the number and not a word)

Correct Answer: Answer: 5

Section: Networking Fundamentals

Explanation

Explanation/Reference:

QUESTION 84

You can run the _____ command to see active network and UNIX domain socket connections as well as other open files. (Please specify the command with no path information, options or parameters)

Correct Answer: Answer: lsof, /usr/bin/lsof

Section: Networking Fundamentals

Explanation

Explanation/Reference:

QUESTION 85

You want to temporarily prevent users from logging in. Please complete the following command:

touch /etc/_____

Correct Answer: Answer: nologin

Section: Security

Explanation

Explanation/Reference:

QUESTION 86

When searching for files owned by the root user, which option is required in the following command line:

find . _____ 0 -print

(Provide only the missing argument)

Correct Answer: Answer: uid, -uid

Section: Security

Explanation

Explanation/Reference:

QUESTION 87

Which file lists which users can execute commands using sudo? (Provide the full path and filename)

Correct Answer: Answer: /etc/sudoers

Section: Security

Explanation

Explanation/Reference:

QUESTION 88

Which file contains a set of services and permitted hosts that will be allowed to connect to the server by going through a TCP Wrapper program such as tcpd? (Please enter the full path)

Correct Answer: Answer: /etc/hosts.allow

Section: Security

Explanation

Explanation/Reference:

QUESTION 89

The xinetd service will be used instead of inetd. In order to create a similar configuration as inetd, what main file must be created or edited for xinetd? (Please specify the full path)

Correct Answer: Answer: /etc/xinetd.conf

Section: Security

Explanation

Explanation/Reference:

QUESTION 90

Which command will print the exit value of the previous command to the screen in bash?

- A. echo \$?
- B. echo \$#
- C. echo \$exit
- D. echo \$status
- E. echo \$&

Correct Answer: A

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

QUESTION 91

What output will the following command produce?

seq 1 5 20

- A. 1
- B. 1
- C. 1
- D. 2
- E. 5

Correct Answer: A

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

QUESTION 92

Which of the following SQL statements will select the fields name and address from the contacts table?

- A. SELECT (name, address) FROM contacts;
- B. SELECT (name address) FROM contacts;
- C. SELECT name, address FROM contacts;
- D. SELECT name address FROM contacts;

Correct Answer: C

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

QUESTION 93

Which of the following configuration files should be modified to set default shell variables for all users?

- A. /etc/bashrc
- B. /etc/profile
- C. ~/.bash_profile
- D. /etc/.bashrc

Correct Answer: B

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

QUESTION 94

Which of the following is the best way to list all defined shell variables?

- A. env
- B. set
- C. env -a
- D. echo \$ENV

Correct Answer: B

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

QUESTION 95

Which command allows you to make a shell variable visible to subshells?

- A. export \$VARIABLE
- B. export VARIABLE
- C. set \$VARIABLE
- D. set VARIABLE
- E. env VARIABLE

Correct Answer: B

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

QUESTION 96

What output will the following command sequence produce?

```
echo '1 2 3 4 5 6' | while read a b c; do  
echo result: $c $b $a;  
done
```

- A. result: 3 4 5 6 2 1
- B. result: 1 2 3 4 5 6
- C. result: 6 5 4
- D. result: 6 5 4 3 2 1
- E. result: 3 2 1

Correct Answer: A

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

actual answer.

QUESTION 97

What output will the command seq 10 produce?

- A. A continuous stream of numbers increasing in increments of 10 until stopped.
- B. The numbers 1 through 10 with one number per line.
- C. The numbers 0 through 9 with one number per line.
- D. The number 10 to standard output.

Correct Answer: B

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

QUESTION 98

Which of the following words is used to restrict the records that are returned from a SELECT query based on a supplied criteria for the values in the records?

- A. LIMIT

- B. FROM
- C. WHERE
- D. IF

Correct Answer: C

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

sophisticated.

QUESTION 99

What benefit does an alias in bash provide?

- A. It provides faster lookups for commands in the system directory.
- B. It creates a local copy of a file from another directory.
- C. It hides what command you are running from others.
- D. It allows a string to be substituted for the first word of a simple command.

Correct Answer: D

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

QUESTION 100

You are looking into a new script you received from your senior administrator. In the very first line you notice a `#!/` followed by a file path. This indicates that:

- A. the file at that location was used to make the script.
- B. this script provides identical functionality as the file at that location.
- C. this script will self-extract into a file at that location.
- D. the program at that location will be used to process the script.

Correct Answer: D

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

QUESTION 101

What keyword is missing from this code sample of a shell script?

```
____ i in *.txt; do  
echo $i  
done
```

- A. for
- B. loop
- C. until
- D. while

Correct Answer: A

Section: Shells, Scripting and Data Management

Explanation

Explanation/Reference:

QUESTION 102

X is running okay but you're concerned that you may not have the right color depth set. What single command will show you the running color depth while in X?

- A. xcd
- B. xcdepth
- C. xwininfo
- D. xcolordepth
- E. cat /etc/X11

Correct Answer: C

Section: User Interfaces and Desktops

Explanation

Explanation/Reference:

QUESTION 103

Your senior administrator asked you to change the default background of his machine, which uses XDM. Which file would you edit to achieve this?

- A. /etc/X11/xdm/Xsetup
- B. /etc/X11/xdm.conf
- C. /etc/X11/xdm/Defaults
- D. /etc/X11/defaults.conf

Correct Answer: A

Section: User Interfaces and Desktops

Explanation

Explanation/Reference:

QUESTION 104

What is the purpose of the Sticky Keys feature in X?

- A. To assist users who have difficulty holding down multiple keys at once
- B. To prevent repeated input of a single character if the key is held down
- C. To ignore brief keystrokes according to a specified time limit
- D. To repeat the input of a single character

Correct Answer: A

Section: User Interfaces and Desktops

Explanation

Explanation/Reference:

explained properly.

QUESTION 105

Why is the xhost program considered dangerous to use?

- A. It makes it difficult to uniquely identify a computer on the network.
- B. It allows easy access to your X server by other users.
- C. It logs sensitive information to syslog.
- D. It makes your computer share network resources without any authentication.
- E. It is a graphical DNS tool with known exploits.

Correct Answer: B

Section: User Interfaces and Desktops

Explanation

Explanation/Reference:

Best answer.

QUESTION 106

You have just set up the X Display Manager as your default display manager. What file should you edit to change the default background for it?

- A. /etc/X11/xdm/Xsetup
- B. /etc/X11/prefdm
- C. /etc/X11/xorg.conf
- D. /etc/X11/xdm.conf

Correct Answer: A

Section: User Interfaces and Desktops

Explanation

Explanation/Reference:

QUESTION 107

For accessibility assistance, which of the following programs is an on-screen keyboard?

- A. xkb
- B. atkb
- C. GOK
- D. xOSK

Correct Answer: C

Section: User Interfaces and Desktops

Explanation

Explanation/Reference:

answer is good.

QUESTION 108

On a system running the KDE Display Manager, when is the /etc/kde4/kdm/Xreset script automatically executed?

- A. When KDM starts
- B. When a user's X session exits
- C. When KDM crashes
- D. When X is restarted
- E. When X crashes

Correct Answer: B

Section: User Interfaces and Desktops

Explanation

Explanation/Reference:

answer is accurate.

QUESTION 109

Which of the following lines is an example of a correct setting for the DISPLAY environment variable?

- A. hostname:displayname
- B. hostname:displaynumber
- C. hostname/displayname
- D. hostname/displaynumber
- E. hostname

Correct Answer: B

Section: User Interfaces and Desktops

Explanation

Explanation/Reference:

QUESTION 110

On a system using shadowed passwords, the most correct permissions for /etc/passwd are ____ and the most correct permissions for /etc/shadow are _____.

- A. -rw-r-----, -r-----
- B. -rw-r--r--, -r--r--r--
- C. -rw-r--r--, -r-----
- D. -rw-r--rw-, -r-----r--
- E. -rw-----, -r-----

Correct Answer: C

Section: Administrative Tasks

Explanation

Explanation/Reference:

QUESTION 111

A French user has installed the French language pack, but currencies are still being displayed with a leading '\$' sign in his spreadsheets. What must be done to fix this?

- A. Alter the locale.
- B. Set the timezone correctly.
- C. Edit /etc/currency.
- D. Reinstall the French language pack.

Correct Answer: A

Section: Administrative Tasks

Explanation

Explanation/Reference:

QUESTION 112

What is NOT contained in the locale setting of the operating system?

- A. currency symbol
- B. language
- C. timezone
- D. thousands separator

Correct Answer: C

Section: Administrative Tasks

Explanation

Explanation/Reference:

well answer.

QUESTION 113

To prevent a specific user from scheduling tasks with at, what should the administrator do?

- A. Add the specific user to /etc/at.allow file.
- B. Add the specific user to [deny] section in the /etc/atd.conf file.
- C. Add the specific user to /etc/at.deny file.
- D. Add the specific user to nojobs group.
- E. Run the following: atd --deny [user].

Correct Answer: C

Section: Administrative Tasks

Explanation

Explanation/Reference:

QUESTION 114

Which of the following can the chage command NOT change?

- A. The number of days since January 1, 1970 after which the user's account will no longer be accessible.
- B. The number of days since January 1, 1970 after which the password can change.
- C. The number of days since January 1, 1970 since the password was last changed.
- D. The maximum number of days during which a password is valid.
- E. The number of days of inactivity after a password has expired before the account is locked.

Correct Answer: B

Section: Administrative Tasks

Explanation

Explanation/Reference:

QUESTION 115

Of the ways listed, which is the best method to temporarily suspend a user's ability to interactively login?

- A. Use passwd -d username to give the user an empty password.
- B. Use chage to expire the user account.
- C. Change the user's password.

D. Add the command exit to the user's .login file.

Correct Answer: B

Section: Administrative Tasks

Explanation

Explanation/Reference:

QUESTION 116

What is the conventional purpose of Linux UIDs that are lower than 100?

- A. They are reserved for super user accounts.
- B. They are reserved for the system admin accounts.
- C. They are reserved for system accounts.
- D. They are unused, aside from 0, because they are targets of exploits.
- E. They are used to match with GIDs in grouping users.

Correct Answer: C

Section: Administrative Tasks

Explanation

Explanation/Reference:

true answer.