

Linux+ review set 2



**ASSIGN
BUSTER**

The concept of ___ enables software developers to read other developers' source code, modify that source code to make the software better, and redistribute that Open Source Software

The ___ stipulates that the source code of any software published under its license must be freely available. GNU General Public License

Consider the phrase "collaboration between several developers with a common need speeds up software creation, and when bugs in the software are found by these users, bug fixes are created very quickly" from the chapter. This statement describes which advantage of the Linux operating system? Stability and security

HOWTO documents are centrally collected by the Linux Documentation Project

Which is the greatest expense for companies using Linux? Hiring people to maintain the Linux system

the source code for Linux was released in 1991

The core component of the GUI in Linux is referred to as XWindows

An ___ service allows users to post messages in forums News

An ___ service provides an efficient method for transferring files over the Internet FTP

Because you need to document so many pieces of hardware and software information, you should create a _____ that contains all important installation information as well as hardware information. preinstallation checklist

During Linux installation, you need to configure a minimum of _____accountstwo

The _____ directory contains system commands and utilities/usr

the shell that is used by default in Linux is the _____ shellBASH

which Linux command gets you out of your current shellexit

The command that displays the calendar for the current month iscal

_____is the metacharacter for command termination;

To find all of the command that have the word " list" in their name or description, you would type_____man -k list

to move from the /home/joe/test/data to the /home/joe directory, use the _____commandcd ../ ..

If you type enough unique letters of a directory and press_____ key, the BASH shell will find the intended file or directory being specified and fill in the appropriate informationTAB

Most files on a Linux system that contain configuration information are_____ filestext

The `ls -l` command can be used to provide a long listing for each file in a certain directory.

using wildcard meta-characters, how can one indicate a number is either 1, 2, 3, or 4? `[1-4]`

to display the contents of a file called data, use the command `cat data`

which is an extended regular expression meta-character `{}`

the `*` regular expression meta-character matches 0 or more occurrences of the previous character*

the `_` can be used with LISP artificial intelligence programming language and supports hundreds of keyboard functions like the vi editor Emacs editor

the `gedit` editor is functionally analogous to the Windows Wordpad and Notepad editors

In the FHS, the `/bin` directory contains most system commands and utilities

Copying a file can be accomplished using the `cp` command

In a file's mode if a permission is unavailable, a(n) `-` character replaces its position in the mode-

to set all of the special permissions on a certain file or directory, you can use the command `chmod 7777 name` where name is the name of the file or directory

the `/dev/tty2` device file represents the second serial port on the system (COM2)

if you do not know the type, major, or minor number of a device, you can use the `mknod` command to recreate the device based on the common name

CD-ROMs typically use the `iso9660` filesystem type

Data is read off of hard disks in concentric circles called tracks

you can edit the quotas for certain users by using the `edquota` command

If a Linux installation ends abnormally and the screen displays a "fatal signal" error message, it indicates an error known as a segmentation fault

Installation log files are created by the Fedora installation program

the file descriptor `stderr` is represented by the number 2

You can redirect a file to the standard input of a command using the `<` metacharacter

the `wc` command counts the number of lines, words, and characters in a file

The `awk` command can be used to extract, manipulate and format text using pattern-action statements

Most configuration files on Linux systems are delimited using `;` characters:

to see a list of the environment variables and their current values on a system, you can use the `set` command

the `~/.profile` environment file is always executed immediately after login for all users on the system, and sets most environment variables, such as HOME and PATH/etc/profile

If you have `execute` permission to a shell script, you can execute the shell script like any other executable program on the system read and execute

The `^C` escape sequence represents a form feed

after the entries in `/etc/inittab` have been executed, the `rc.local` file is executed to perform tasks that must occur after system startup/etc/rc.d/rc.local

`FreeX86` is a freely available version of X Windows used in many Linux distros

If your system uses the X.org implementation of X Windows, the mouse, keyboard, monitor, and video adapter card information is stored in the `/etc/X11/xorg.conf` file in text format

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