Linux Boot Camp

Skills Evaluation

Short answer:

1. What is the officially supported operating systems for the Raspberry Pi?

Answer: Raspbian

1. What is NOOBS?

Answer: New Out Of the Box Setup is an easy operating system install manager for the Raspberry Pi.

1. Who created the Linux Kernel?

Answer: Linus Torvalds

1. What Linux command displays all running processes?

Answer: ps

1. To determine your IP address which Linux command should you use?

Answer ip a s

1. Raspberry Pi configuration command is?

Answer: raspi-config

1. To determine the disk space on a Linux system what command should you use?

Answer: df

1. List at least one Linux shell.

Answer: cshell, korn shell, bash shell, zshell

1. To list all the files including the files with the hidden attribute, what command would you use?

Answer: ls -a

1. Use the command ‘cat’ to append the file named users.txt to a file named login.txt.

Answer: cat users.txt >> login.txt

1. To compare differences between two files, what command should be used?

Answer: diff

1. What port does ssh by default connect to?

Answer: 22

1. NFS stands for …

Answer: Network File System

1. The standard web server for Linux is ….

Answer: Apache

1. What is the most common port used for web servers?

Answer: 80

1. The boot process for your raspberry pi is …

Answer: Kernel, Services, Login

1. For a user to change his password on a Linux system, what command would they use?

Answer: passwd

1. Default user profiles are by default copied from what directory?

Answer: /etc/skel

1. To install a new application from the Debian Linux repository, what command must be used?

Answer: apt-get install <application name>

1. Explain the following file permissions for the following example:



Answer:

 