

Lecture 2 Introduction to Linux Notes (this is the title of the document - Heading 1 formatting please!)

1. What is an Operating System?

1. an operating system provides all fundamental software features of a computer an os enables you to use the computers hardware providing the basic tools that make the feature

2. What is a kernel?

1. a software component responsible for managing low level features of a computer

3. Which other parts aside from the kernel identify an OS?

1. command line shells graphical user interface utility and productivity programs and libraries

4. What is linux and linux distribution?

1. linux is a unix-like operating system popular in academic and business environments and linux distributions are linux kernel core unix tools supplemental software startup scripts and an installer

5. List at least 4 linux characteristics:

1. linux is a open source os it is free of charge it has many unix tools and is highly scalable

6. What is Ubuntu?

1. Ubuntu is a linux distribution freely available with both community and professional support

7. What is Debian?

1. Debian is an all volunteer organization dedicated to developing free software

8. List and define the different types of licensing agreements

9. open source which may be distributed for free closed source which is not distributed with a code
freeware which is free but does not have a source code shareware which is free on a a trial basis and
free software which is distributed with a source code that can be free of charge or with a fee

10. What is Free Software? Define the 4 freedoms.

1. free software is a software distributed with a source code that can be free of charge or require a fee
2. 4 freedoms are
3. freedom 0 use the software for any purpose
4. freedom 1 examine the source code and can be modified as wanted
5. freedom 2 redistribute the software
6. freedom 3 redistribute your modified software

11. What is virtualization?

1. virtualization is defined as creating virtual versions of something