



INTRODUCTION TO LINUX OS

Implementation Using Virtual Machine
Applications

By Qasim Al Khuzaie, 2013

INTRODUCTION TO VIRTUAL MACHINES

- ▶ Software implemented abstraction of the underlying hardware
- ▶ Works in the application layer of the system
- ▶ May be based on specifications of a hypothetical computer
- ▶ or emulate the computer architecture and functions of a real world computer



LINUX OPERATING SYSTEM

- ▶ a Unix-like computer operating system
- ▶ assembled under the model of free and open source software development and distribution
- ▶ The defining component of Linux is the Linux kernel
- ▶ It has since been ported to more computer hardware platforms than any other operating system



THE UBUNTU DISTRIBUTION

- ▶ A computer operating system based on the Debian Linux distribution made by Canonical
- ▶ It is the most popular Linux distribution on desktop/laptop personal computers
- ▶ First release was on 20 October 2004
- ▶ Canonical signed a deal with Ministry of Industry and Information Technology of the People's Republic of China to make Ubuntu the new basis of the Kylin (China's National Operating System)

