

Ubuntu 20.04 Desktop Administration

Duration: 40 Hrs

- 1. Ubuntu 20.04 Introduction** ◦
 - Ubuntu 20.04 ◦ Ubuntu
 - 20.04 New Features
 - Desktop ◦ Unity
 - Features ◦ System Tools ◦
 - Applications ◦ Kubuntu
 - 20.04 ◦ Ubuntu Editions ◦
 - Ubuntu Live
 - CD/DVD/USB ◦ Ubuntu
 - Desktop Live CD ◦ Ubuntu
 - Live USB drive ◦ Ubuntu
 - Software ◦ Open
 - source software
- 2. Installing Ubuntu** ◦ Install CD and
DVDs ◦ Installation choices ◦
Installing Multiple-Boot
Systems ◦ Hardware
Requirements ◦ Installation
Overview
 - Installation with the Ubuntu Desktop CD ◦
 - Upgrade over network from Ubuntu 11.10
 - Upgrade using a CD ◦ Upgrading to new
release with apt-get ◦ Recovery, Rescue,
and Boot loader re-install
- 3. Usage Basics: Login,
Desktop, Network, and Help** ◦
 - Accessing Ubuntu System ◦ GRUB
 - Boot Loader ◦ The Light Display
 - Manager ◦ The Session menu and user
 - Switcher ◦ Guest Login ◦ Lock Screen
 - Shutdown and Logging Out ◦
 - accessing Linux From the Command
 - line. ◦ Appearance
 - (Backgrounds, Themes, and Launcher
 - auto hide) ◦ Details: system info, and
 - default application and media ◦ Clock:
 - time and Date Indicator ◦ Searching
 - files

- Help resources:- Ubuntu Desktop Guide, Context-sensitive Help,

4. Installing and Updating Software ○

- Installing Software Packages ○ Ubuntu Packages Management Software ○ Ubuntu Software Repositories ○ Repositories Components ○ Repositories ○ Updating Ubuntu with update Manager ○ Synaptic Package Manager ○ Installing Packages ○ Removing Packages
 - Ubuntu Software Center for Separate DEB packages ○ Source Code file ○ Software Packages Type ○ DEB software Packages
 - Using Packages with other software Formats

5. office Applications and Editors ○

- LibreOffice ○ Calliga ○ GNOME Office Applications
- Running Microsoft Office on Linux wine and Crossover
- Document Viewer ○ FBReader ○ Calibre ○ Adobe Digital Editions ○ Kindle ○ PDA access ○ GNOME Text Editor

6. Graphics and Multimedia ○ Photo

- Management:Shot wall,F-Spot,and cheese ○ GNOME Graphics and Applications ○ KDE Graphics Applications ○ X window System Graphic Programs
 - Gstreamer ○ Music applications
 - Ubuntu One Music Store and Online Media
 - CD/DVD Burners ○ Video Applications

7. Mail and News ○ Mail Clients ○

- Thunder bird ○ Evolution ○ The KDE mail Client
 - Squirrel Mail ○ mutt
 - Mail ○ Usenet News ○ Newsreaders ○ binary Newsreaders and Grabbers
 - slrm
 - News Transport Agents

- 8. Internet Application** ○ URL address ○
web browsers
 - FireFox, KDE Rekonq, Epiphany, Chromium ○
Lynx and Elinks
 - FileZilla, gFTP, wget, curl, ftp, lftp
- 9. Social Networking** ○ the messaging
menu ○ Broadcast Services
 - Instant Messenger:Empathy, Kopete, and Pidgin
 - VOIP Applications ○ Ekiga, Skype ○
 - KDE social Desktop ○ Ubuntu ONE
- 10. Ubuntu Desktop** ○ Ubuntu Unity ○
Unity 2D ○ Keyboard and
Mouse Shortcuts ○ Unity Launcher
 - Opening a launcher item
 - open application and launcher items
 - windows ○ windows Slides
 - minimizing, maximizing, and closing windows ○
workspace
 - Desktop menus and applications menu ○
Dash
 - dash search bar, dash lenses, Dash Home, ○
Nautilus File Manager
 - KDE
 - Shells
- 11. System Tools** ○ GNOME system
Monitor ○ Managing Process ○
System Testing ○
Scheduling Tasks ○ Log file
Viewer ○ disk usages Analyzer
 - plymouth
- 12. System Administration** ○ Ubuntu
Administration Tools ○ Controlled
Administrative Access ○ Policy kit ○
sudo and gksu ○ sudo command ○
sudo configuration ○ gksu ○ sudo
command ○ GRUB 2
 - DKMS
 - Backup Management: Ubuntu One, rsync,Backup PC,and amanda
- 13. Network Connections** ○ Network
Connections: Dynamic and Static

- Network Manager ○
Network Manager menu
 - Wired Network ○
Wireless network ○ DSL
Configuration ○ Mobile
Broadband
 - PPP Configuration ○
VPN
 - Firewalls
- 14. printing** ○ Automatic Printer
Detections ○ System-config-printer ○
Editing Printer Configuration ○
Default system wide Personal
Printers ○ Printers Class ○
Remote Printers