

Linux Ubuntu training courses modules outline:

1. Install Ubuntu desktop edition

- **The open source linux movement**
- The GNU License
- **The linux ubuntu distributions**
- Community help: forums and IRC chat
- **Linux ubuntu desktop installation**
- Hardware requirements
- Selecting and burning an installation CD
- Going through the ubuntu installer
- Troubleshooting
- Initial configuration
- The gnome terminal
- **Desktop quick tour and preferences set-up**
- Internet connections
- Printers setting
- **Security updates and upgrades**
- **The importance of linux shells**
- Hands-on labs

2.Practice ubuntu office

- Browsing with firefox
- **Useful firefox plug-ins**
- Web bookmarking account
- **Open a gmail and chat account**
- File system navigator
- **Using OpenOffice**
- **Document scanning and image text OCR**
- Playing music and videos
- Browsing music files
- Extracting and burning audio CDs
- Video playback and multimedia codecs
- Using iPod

- **Process images with gimp**
- Start up applications
- Anti-virus painless
- **Organizing file system back up**
- Hands-on labs

3.Efficiency with linux shell

- **Introducing the linux shells**
- Using man pages and command helps
- **Discover main commands**
- Manage the file system
- Read files
- List files attributes
- Modify users and groups rights
- *diff* and *patch* commands
- *find*, *locate* and *grep* tools
- Schedule tasks with *cron* or *fcron*
- Hard and symbolic links
- Globbing
- Pipes and redirections
- **Discover Emacs terminal editor**
- **Ubuntu repository package system**
- Repository layout and configuration
- *dpkg* package management tool
- *apt-get* repository tool vs *aptitude*
- Hands-on labs

4.Linux ubuntu server edition

- **Linux ubuntu server edition installation**
- Guided, manual, LVM partitioning
- Software selection and root management
- **Main configuration files**
- **Create new user and group accounts***
- Modify passwords and user account attributes
- **Ubuntu network services**
- IP addressing and subnetting

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- Static and DHCP interface configuration
 - **Basic internet services configuration**
 - Remote access SSH secure shell configuration
 - Password authentication
 - Password-free authentication
 - **Apache http server** configuration
 - Apache2 *httpd.conf* and *conf* directives
 - Hosting multiple websites on a single IP
 - **System and servers logging**
 - Firewall setup on linux ubuntu