

Linux Training – Outline

Scheduling and Sessions

0800 – 1030	Introduction, Installation, Basic Config., Simple Commands
1030 – 1100	Early Break
1100 – 1300	Basic Admin, Tuning, Email
1300 – 1400	Lunch Break
1400 – 1600	Internet, Samba
1600 – 1630	Late Break
1630 – 1800	Oracle on Linux, Assessment

1. Introduction

- Introduction of Instructors
- Introduction of nettech
- Introduction of attendees
- A brief summary on Linux
 - history, vendors (RedHat, Suse, Caldera, etc.), versions Suse 6.4, 7.0??
- Our training platform
 - Laptop/PC, Suse 7.0 for Intel

2. Installation

- Suse
- Brief mention of difference between Suse and RedHat installation

3. Configuration

- Devices
 - Network, Keyboard, Mouse, Video Card + Monitor + xWindows, Modem, Sound
- Exercises

4. Simple Commands

- ls, cp, rm, top, vstat, mstat, wc, |, path
- Exercises

5. Basic Administration

- Users, Groups, Directories, File permissions (including sticky bits)
- Path, Common File locations
 - binaries/executables, configuration, log, NULL
- Backup
- Restore
- Exercises

6. Tuning

- CPU
- Memory
- Exercises

7. Email

- Qmail, Sendmail, POP3
- Local/Intranet, external/Internet
- Exercises

8. Internet

- Apache server – configuration
- Netscape client – where to find it
- Telnet – configuration and DNS issues
- FTP – configuration and DNS issues
- xWindows – configuration (client and server), DNS issues
- Exercises

9. Samba

- Configuration
- Security
- Exercises

10. Oracle on Linux

- Prerequisites
- Platform of installation
 - OS type and version (Suse 7.0)
- Configuration (user, group, public access to binaries)
- Installation
- Utilities
 - svrmgrl, sqlplus, lsnrctl, Enterprise Manager
- Exercises

Assessment

Attendees required to fill out a form giving their opinion of the usefulness of the course