Syllabus of Linux Course in Bangalore

Automating Programs

- Run Levels
- /etc/rc.d Files
- Customization of Run Levels
- cron and anacron
- at and batch

Login Options

- Console Logon
- Controlling Console Login
- Virtual Consoles
- Serial Login
- Remote Login
- ssh Login

Building a Custom Linux Kernel

- Kernel Versions

- Log Files

The /proc Pseudo Filesystem

- Process Info

- Kernel Config Info

- Hardware Info

- Changing /proc Info

- Sysctl

þÿ B A S H   B o r n e   A g a i n   S h e l l

- Key /bin Commands

- Key /sbin Commands

- History

- man and info

- vi

- Using Shell Scripts

User Management

- Users and Groups

- Home Directories

- Password Files

- PAM

- Quotas

- NIS Intro

Software Management

- tar Files

- Patch Files

- RPM

Hardware Management

- Types of Devices

- /dev Namespace

- Modules

Network Management

- Types of Network Devices

- Monitoring Network Devices

- Controlling Network Services

- xinted

- iptables

þÿNetwork Services Part I

- DHCP

- DNS

- SSH

þÿNetwork Services Part II

- FTP

- NFS

- Samba

þÿNetwork Services Part III

- Sendmail

- Apache

- Squid Proxy Server

The X Window System

- X Servers and X Clients

- XFree86

- X Fonts

- GTK and KDE

- Exam Practice

- Installation Challenges

- Configuration Challenges

- Troubleshooting Challenges