Linux Administration - Training Materials for License

Instructor-led training (5 days)

Audience:
- System Architects
- Support Staff
- System Administrators

Prerequisites:
- Experience with UNIX systems
- Some networking experience is a plus
- No prior administration knowledge is assumed

Description:

The course will cover fundamental Linux concepts and the commands and tools used in installing configuring and managing a Linux environment. The course will focus on the decisions that must be made when planning for a production Linux environment. Student exercises are included. Syntax of the Linux APIs & syntax of Domain Name Service (DNS) commands are *not* included. Student handouts will include lecture notes, and exercises as well as a concise Linux.

Objectives:
- A thorough grounding in the elements of Linux
- Coverage of the commands/tools/concepts needed to:
- Plan a production Linux environment
- Install Linux itself
- Install & Configure Applications
- Manage a Linux environment
- Manage Linux filesystems.

Goals: On leaving the class, participants should be able to:
- Install a DCE cell
- Describe each of the following DCE services:
- The Cell Directory Service (CDS)
- The DCE Remote Procedure Call (RPC) mechanism
- The Security Service
- The Distributed Time Service (DTS)
- The Distributed Filesystem (DFS)
- Describe how these services interoperate.
- Describe the benefits of the DCE services.
- Appreciate steps involved in installing applications.
- Awareness of commands and utilities used in managing and configuring a DCE environment.

Outline:

- Basic Linux commands
- Install
- Network setup & admin
- Email
- LILO & boot options
- Scripting
- DNS
- Start-up and run levels
- At jobs
- Cron
- NIS
- Kerberos
- NFS
- Kernel configuration
- LDAP
- Security (ACLs, permissions etc)

Audio-visual & instructional requirements for on-site classes:

- Overhead projector
- Flip chart or marker board desirable
- Linux Software
- A laptop or PC for each student
- Networked environment

You may download the datasheet for this class as PDF