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## Linux Overview

Length: 1 Days

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### ***Develop the skills to effectively administer a Linux system.***

#### **Course Description:**

This course provides an overview of the strengths and weaknesses of the Linux operating system. The popular distributions of Linux will be covered as well as the available tools.

#### **You will cover...**

- Costs, Benefits, and Analysis of Risks involved in Deploying Linux
- Survey of available commercial and public domain software running under Linux
- Linux Servers and their capabilities
- Linux Networking
- Linux System Administration issues

#### **Who Needs to Attend:**

This course is targeted mainly at strategic planners and technical managers who require a fast-paced coverage of the key issues involved in deploying Linux within their organizations but anyone interested in the basic elements of Linux will benefit.

#### **Prerequisites:**

Familiarity with computer systems such as Solaris, Open VMS, AS 400, MVS and Microsoft Windows is recommended.

#### **Course Content:**

1. Costs and Benefits of Deploying Linux
2. Analysis of Risks Involved in Deploying Linux
3. Survey of Available Commercial and Public Domain Software running under Linux including database management systems, word processing, desktop publishing, data analysis packages, application development tools, and desktop environments
4. Discussion of Linux Server Capabilities including web server, file server, print server, mail server, and document server
5. Large Server Systems including 64-bit processor support and Symmetric multi-processing support
6. Linux networking including TCP/IP, Firewalls, ethernet, token ring, ATM, ISDN, Frame Relay, and network securities
7. Deploying Linux in a heterogeneous environment which includes internetworking with Windows NT, internetworking with Novell (Netware and Intranetware), and internetworking with commercial UNIX systems (Solaris, HP-UX, AIX)
8. Systems administration issues including system security, file backup, network security and sysadmin tools.