



Formation : Linux Professional Institute: Level 2 Contenu technique détaillé de la formation

Moyens pédagogiques : Méthodes démonstratives sous forme de présentation, simulations et exercices pratiques. Chaque point abordé durant la formation fait l'objet de manipulations et d'exercices d'applications. Méthode TTL (teach to learn). Bilan de compétence. Test. Sessions de TPs de réalisations liés aux projets professionnels des stagiaires assistées par le (s) formateur (s). En fin de stage : Aperçu des dernières nouveautés logicielles et évolutions technologiques dans les domaines concernés. Ressources pédagogiques disponibles : plus de 100 000 tutoriaux vidéo accessibles. Salles informatisées équipées en licences logicielles pour l'éducation / connexion web haut débit / accessoires audiovisuels. Sessions en studio d'enregistrement et tournages vidéo en plateau et en extérieur (pour les formations audiovisuelles).

Liste des points techniques étudiés :

Linux Professional Institute: Level 2

Introduction

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The Exam (02:49) T

Files & Filesystems

Design Hard Disk Layout (05:39) T

Perform Basic File Management (07:06) T

Create Partitions & Filesystems (05:23) T

Maintain the Integrity of Filesystems (04:39) T

Mounting & Unmounting Filesystems (05:07) T

Managing Disk Quota (05:06) T

Use Permissions to Control Access to Files pt. 1 (03:43) T

Use Permissions to Control Access to Files pt. 2 (04:30) T

Manage File Ownership (03:28) T

Create Hard & Symbolic Links (04:37) T

File Location (03:50) T

Operating the Linux Filesystem (03:42) T

Maintaining a Linux Filesystem (04:06) T

Creating & Configuring Filesystem Options (04:34) T

Configuring RAID (05:48) T

Text & Documentation

Process Text Streams Using Filters (06:17) T

Search Text Files Using Regular Expressions pt. 1 (05:03) T

Search Text Files Using Regular Expressions pt. 2 (02:36) T

Perform Basic File Editing Operations Using vi (07:46) T

Use & Manage Local System Documentation (04:10) T

Find Linux Documentation on the Internet (02:27) T

Notify Users On System Related Issues (02:26) T

Shell

Work on the Command Line (05:07) T

Customize & Use the Shell Environment (05:03) T

Customize or Write Simple Scripts (05:11) T

Automating Tasks Using Scripts (05:35) T

Set Up Secure Shell (OpenSSH) (05:36) T

Devices

Configure Fundamental BIOS Settings (04:03) T

Configure Modem & Sound Card (04:39) T

Set Up Non-IDE Devices (04:25) T

Set Up Different PC Expansion Cards (02:00) T

Configure USB Devices (03:36) T

Adding New Hardware (02:28) T

Configuring PCMCIA Devices (03:03) T

Configuring a Samba Server (04:00) T

Configuring an NFS Server (03:55) T

The System & the Kernel

Install a Boot Manager (02:18) T

Boot the System (04:33) T

Runlevel/Shutdown/Reboot (03:10) T

Identifying Boot Stages (02:14) T

Troubleshooting Bootloaders (03:35) T

Manage/Query Kernel & Modules (03:26) T

Reconfigure/Build/Install New Kernel (04:04) T

Kernel Components (03:29) T

Compiling a Kernel (04:30) T

Patching a Kernel (02:42) T

Customizing a Kernel (02:46) T

Software & Kernel Configuration (03:14) T

Programs

Make & Install Programs From Source (04:34) T

Manage Shared Libraries (03:12) T

Use Streams/Pipes & Redirects (04:17) T

Modify Process Execution Priorities (03:26) T

Create/Monitor/Kill Processes (04:10) T

Use Debian Package Management (06:18) T

Use the Red Hat Package Manager (04:28) T

Packaging Software (03:59) T

X

Install & Configure X11 (04:44) T

Set Up a Display Manager (04:38) T

Install/Customize Window Manager (04:24) T

Printers

Print Files (02:53) T

Manage Printers & Print Queues (03:25) T

Install & Configure Printers (02:34) T

Administration Tasks

System Logging (02:39) T

Using System Log Files (03:04) T

Manage Users & Group Accounts (05:52) T

User & System Environment Variables (03:00) T

Schedule Automatic Administration Tasks (04:18) T

Maintain an Effective Backup Strategy (06:22) T

Maintain System Time (04:20) T

Perform Security Administration Tasks (04:54) T

Customize Startup & Boot (04:47) T

System Recovery (03:30) T

General Troubleshooting (03:06) T

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Configure inetd/xinetd Services (03:23) T

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