Macrosoft

Vzdelávanie s trvalým efektom

DOCUMENT

Course syllabus

CATEGORY

Windows Server, Linux courses

TRAINING FORMAT

In Bratislava or online with a lecturer

PRICE EXCL. VAT

250,00 €

PRICE INCL. VAT

307,50 €

including 23 % VAT

PDF SYLLABUS

LINUX Installation and Basic System Setup

Clear overview of course topics, training scope and key information.

Expand your administrator opportunities and learn how the Linux family works. The Linux installation and administration course is also intended for those who use Windows and need to expand their skills with this open-source operating system. You will take away new knowledge from the course even if you are already a Linux administrator, and you will learn many interesting pieces of information.

COURSE CONTENT

01 **Theoretical Basics and Initial Assumptions**

Characteristics of UNIX / Linux, the most commonly used graphical user environments and differences between them

02 **Basic Operations in the Console**

Linux shell, using help, shortened and full version of the manual, restarting and shutting down the computer

03 **File System**

Introduction to the file system, file system types, file types, basic commands for working with files, creating, copying, moving and renaming files, i-node data structure, displaying information, information about the file system, disk usage, file attributes, extended access control

04 **User and Group Administration**

Creating and deleting users and groups, superuser, security, switching between users, changing a password

05

Process Management

Processes and programs - basic differences, list of processes, control, monitoring, monitoring process activity, displaying running processes in the system, updating programs

06

Text Processing Using System Utilities

Difference between a text editor and a word processor, listing file content to the console, installing and using the basic nano text editor, vi editor and its operation

07

System Options and Use of Linux in Practice - Discussion or Practical Demonstrations

Discussion - use of Linux in embedded systems, for example special devices in industry and transport, Linux editions - for example Kali Linux, GNOME/KDE variants, webserver, database server also in a corporate environment, electronic mail, mail server, Linux as an underlying system for other applications

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This document serves as an informational overview of the course syllabus. Current dates, venue and availability are listed at Macrosoft.sk.

https://www.macrosoft.sk/en/courses/linux-installation-system-administration