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

390,00 €

PRICE INCL. VAT

479,70 €

including 23 % VAT

PDF SYLLABUS

Windows System Administrator - Installation and Setup of a Windows Computer

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

Gain Windows skills at administrator level. In this course, you will independently install and set up Windows. In addition to basic and extended administrator tools, we will also deal with Windows security.

COURSE CONTENT

01

General Information About a Computer as a Machine

Introduction of computer components, external devices and internal parts of a computer (what they are used for, what types exist and what problems are related to them) BIOS/UEFI Config tool, what it is used for and when we use it as administrators Operating systems, their families and use in current practice

02

Installation of Microsoft Windows Operating System

Introduction of various versions and types of the system Minimum installation requirements Installation wizard User accounts, local, Microsoft account, domain Safe mode and solving installation errors

03

Settings - Overview of Selected Tools for Solving Specific Situations from Practice

Control Panel Universal MMC console (use, adding modules) User accounts, User Account Control (UAC) Device Manager, adding a component (e.g. printer), driver installation options and related problems Task Manager

04

Windows Kernel and Related Options

System services Windows Registry DLL libraries System time Task Scheduler Command line vs PowerShell

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05 File System

Types of hard disks and file systems Setting access rights, inheritance, allowing and denying access Defragmentation Integrity check Partitioning hard disk partitions Restore to previous state (restore points) Audit log, Event Viewer

06 Network Settings and Overview of a Computer Network

Network and Sharing Center Sharing a folder over the network Sharing a printer connected to a computer over the network Setting a network card and its protection Remote control of Windows (remote desktop and command line)

07 Basics of Windows Security

Attack vectors Measures at network level (Firewall, ...) Measures at operating system level Access passwords and their policies Group Policy Windows Defender and Firewall, commercial solutions

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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/windows-installation-and-system-administration