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

Windows Server - Installation and System Administration

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

Expand your Windows skills with the principles of Windows servers! The Windows Server installation and administration course is also intended for current administrators of "ordinary" Windows 10 who, after expanding their qualification, will work with a server daily, perform administration and technical support. You will take away new knowledge from the course even if you are already a Windows Server administrator, because we always use the latest version and show you its advantages.

COURSE CONTENT

01

Introduction to the Issue, Installation

installation of the Windows Server operating system; licensing options for specific usage models installation of the Windows operating system (demonstration computer of an "employee" that we add to the domain) installation of the Active Directory Domain Services server role - creating a company domain together with a DNS server (we will show why it is necessary to set it for domain purposes) working with Server Manager setting time, importance of NTP server under Windows Server working with the Active Directory Users and Computers console, gaining an overview of its options and use adding a Windows 10 computer to our domain creating domain users

02

Review of Basic Knowledge from Computer Networks

working with the Network and Sharing Center control panel tools for solving network problems: ping, nslookup, ipconfig remote server administration - Remote Desktop and its pitfalls

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03

File Systems, Disks

disk management: difference between basic and dynamic disks, overview of partition types (simple, spanned, mirrored, striped and RAID-5)

04

Role-Based Sharing Strategies (Shared Resources and RBAC)

sharing settings, setting access rights to a shared resource (e.g. folder, printer) setting conditions for access rights in the file system - difference between rights to shared resources and rights at file system level

05

Overview of Selected Tools for Windows Server Administrators from a Large Number of Tools

working with Reliability and Performance Monitor backup - possible scenarios and best practices Windows Server Backup tool, setting scheduled backup basic overview of tools and settings in the control panel

06

Further Use of Windows Server

overview of server roles - e.g. DHCP server - setting IP address assignment, Print server - setting a shared printer

07

Introduction to Group Policies

Each course participant uses their own installation of Windows Server and Windows Pro in a virtual environment, has nothing prohibited and has the right to "mess up" their computers

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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-server-installation-and-system-administration