

Workshop Microsoft PowerShell Fundamentals & Advanced Bundle (MSPSFA)

ID MSPSFA **Price** 3,300.— €(excl. tax) **Duration** 5 days

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This course combines the content of the courses [Workshop Microsoft PowerShell Fundamentals \(MSPSFUN\)](#) and [Workshop Microsoft PowerShell Advanced \(MSPSADV\)](#).

Who should attend

This seminar is aimed at service technicians and administrators from the Microsoft environment.

Prerequisites

none

Course Objectives

In this seminar you will learn the basic functions and new features of Microsoft PowerShell.

Course Content

- What can the PowerShell
- how to navigate in PowerShell

- The help files (after) -installing
- make good use of the help

- get-command
- get-Help
- get-Alias
- get-Member
- Methods and properties

- Abbreviate commands
- Alias names
- Using variables

- Mathematical approaches to PowerShell
- Differences between cmdlets and functions
- Create and execute first PowerShell scripts yourself
- PowerShell ISE (Windows PowerShell Integrated Scripting Environment)
- Run other scripts
- Have functions permanently

- Create PowerShell profiles
- PowerShell Profile Paths

- PowerShell Active Directory Modul laden
- Create objects
- Objects queries (*-filter)

- Powershell Remoting: Remote Maintenance and Mass Management
- Profiles: make your own working environment permanent
- Scripts, functions and modules
 - Lifetime of variables and functions
 - Parameter transfer
 - Operators and loops
 - Error handling and correction
 - Modularization and reusability
- Advanced functions: custom Powershell commands
- Text manipulation: find, replace, transform
- Security: Compliance with company-wide guidelines for script execution
- Creating Graphical User Interfaces with Powershell

About Fast Lane



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