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# Workshop Microsoft PowerShell Fundamentals & Advanced Bundle (MSPSFA)

**ID** MSPSFA **Price** CHF 4,200.—(excl. VAT) **Duration** 5 days

## 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

- 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
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- 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

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## Training Centres worldwide



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