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# Hand-on Workshop: Installation & Configuration of Microsoft Windows Server 2019 Hyper-V with System Center Virtual Machine Manager 2019 (HYPERV-2019)

ID HYPERV-2019 Price CHF 4,200.—(excl. VAT) Duration 5 days

## Who should attend

This seminar is intended for IT professionals who are or will be responsible for designing, implementing, and managing a virtualized Microsoft Server infrastructure. Newcomers to Hyper-V are welcome, as are Hyper-V administrators who want to learn about Windows Server 2019 Hyper-V's new features and need a basic introduction to System Center Virtual Machine Manager 2019.

## Prerequisites

Good knowledge of Windows Server, familiarity with basic Microsoft infrastructure services (TCP/IP supported networks, DNS, ADDS) should be present. Basic knowledge of Microsoft Failover Cluster and Windows Server is an advantage but not mandatory.

## Course Objectives

This practical workshop provides an introduction to the functionality of Hyper-V and an overview of the range of functions: What can Hyper-V do - which functions does the product provide? Since the course is based on Hyper-V 2019, special emphasis is placed on the presentation of the innovations of the Windows 2019 Hyper-V Server. Many of the features presented can be practically tested. Finally, Microsoft System Center Virtual Machine Manager 2019 will be introduced. It is installed and configured for the management of Hyper-V servers.

The focus of the course is on understanding Hyper-V features and functionality, as well as their practical implementation.

## Course Content

- The Microsoft Virtualization Strategy, Products
- Introduction to Hyper-V
- Installation & Configuration of Hyper-V
- Innovations Hyper-v Windows Server 2019
- Hyper-V Network Technologies
- Hyper-V & Storage Technologies
- Hyper-V Storage Migration
- Hyper-V Shared Nothing Live Migration
- Hyper-V in the Microsoft Failover Cluster
- Installation & Configuration of a Hyper-V Live Migration Cluster
- Software defined Networking
- Network Controller
- Introduction, Installation, Configuration Hyper-V Container
- Introduction, Installation, Configuration Nano Server
- Hyper-V Security:
- Host Guardian Server & Shielded virtual machines
- Device Guard & Credential Guard
- Backup, Restore, Disaster Recovery
- Hyper-V Replica
- Presentation, Installation Configuration Microsoft System Center Virtual Machine Manager 2019

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## Training Centres worldwide



## Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3  
CH-8304 Wallisellen  
Tel. +41 44 832 50 80

info@flane.ch, <https://www.flane.ch>