Course : Windows 2019, implementation and administration

Practical course - 4d - 28h00 - Ref. WTJ
Price : 2650 CHF E.T.

★★★★★   **5 / 5**

BEST

This course will teach you how to install and administer the latest version of the Microsoft Windows Server 2019 operating system. You'll learn how to install and configure its different versions, perform routine administration tasks and set up secure resources in an Active Directory environment.

Teaching objectives

At the end of the training, the participant will be able to:

- Understanding what's new in Windows Server 2019
- Installing Windows Server 2019 in its various versions
- Using Windows Admin Center
- Installing and deploying Active Directory
- Implementing ReFS

Intended audience
Systems and network technicians, administrators and engineers.

Prerequisites
Good knowledge of managing Windows workstations (10, 8 or 7) on a network.

Course schedule

1 Architecture and installation

- Introduction to Windows Server 2019.
- What's new?
- What's new in the Windows Server 2019 interface.
- Windows Server 2019 installation modes.
- Installing Windows Server 2019.

Hands-on work
Install Windows Server 2019. Install the minimum installation version.

(2) Administration and configuration tools

- Manage your environment with the Server Manager.
- Deploy and use Windows Admin Center (WAC).
- Overview and use of Windows System Insights modules.
- Azure memberships and interconnections.
- What's new in RDS.

Hands-on work
Deploy roles and features. Install and use Windows Admin Center.

(3) Active Directory

- Authentication silos and strategies.
- Managing objects in PowerShell.
- Installation prerequisites.
- Active Directory installation.
- New object management interfaces.
- Active Directory Administration Center (ADAC).
- Managed services accounts.
- Privileged Access Management (PAM).

Hands-on work
Deploying Active Directory. Managing objects in graphical mode and in PowerShell. Deploying service accounts. Deploying authentication silos.

(4) Disks and file systems

- Storage Migration Services.
- The ReFS (Resilient File System) file system.
- Configuring storage in Windows Server 2019.
- Windows Defender Malware Protection.
- File and folder security.

Hands-on work
Deploying storage features. Use Storage Migration Services.

(5) Optimization, performance and troubleshooting

- Windows Defender Advanced Threat Protection.
- Performance monitors.
- Recovery tools.
- System backups and restores.

Dates and locations

REMOTE CLASS
2026 : 24 Mar., 2 June, 28 July, 6 Oct., 15 Dec.