Windows Server 2016 Certified System Administrator Course

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SII-396   5 Days (35 Hours)

Description

This Windows Server 2016 training prepares you to take the Microsoft "MCSA Windows Server 2016" certification exam. During these sessions, participants will first learn how to manage storage and virtualization with Windows Server 2016. They will have the elements to understand the scenarios, needs and storage available and applicable with Windows Server 2016. Secondly , they will learn the fundamentals of networking to deploy and support Windows Server 2016 in businesses, as well as IP fundamentals and remote access technologies. Finally, participants will learn how to deploy and configure Microsoft Active Directory (AD DS) service domains in a distributed environment, as well as implement group policies, improve backups and restores, and monitor and troubleshoot issues. Active Directory issues with Windows Server 2016.

Who is this training for ?

For whom

Any technical profile wishing to evolve into a role as Windows Server 2016 server administrator.

Prerequisites

Basic knowledge of network management fundamentals

First practical experience in the administration and support of a Windows Server environment

Experience in supporting and configuring Windows client operating systems such as Windows 8 or Windows 10

Training objectives

- Install, configure and configure a computer with Windows Server 2016.
- Install and configure an Active Directory under Windows Server 2016.
- Diagnose and resolve Active Directory 2016 structure problems.
- Automate administration tasks under Windows with PowerShell.

Training program

Architecture et installation

(+212) 5 22 27 99 01
tel

(+212) 6 60 10 42 56
whatsapp

Contact@skills-group.com
email

Corner of bd Abdelmoumen and rue Soumaya, Shehrazade 3 Residence, 7th floor N° 30, Casablanca 20340, Morocco
email

We are at your disposal De Lun - Ven 09h00-18h00
email

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- New features (Windows Defender, Windows Container, interface...).
- CoreServer, NanoServer modes.
- Deployment tools and methods (WDS, MDT 2013...).

Outils d'administration et configuration

- ADAC Manager, roles.
- Windows PowerShell Web Access.

L'architecture de l'Active Directory

- Active Directory roles and services.
- What's new in AD domain services 2016.
- AD services and cloud orientation.

L'installation de l'Active Directory

- Directory deployment.
- The DNS system and Active Directory.
- Integrated and secure DNS zones.
- AD-related DNS records.

Dépannage des problèmes réseaux liés à l'AD

- DNS records linked to AD.
- DNS zone management and delegation.
- Securing zones.
- Cleaning AD-integrated DNS zones.
- DNS troubleshooting utilities.

Les bases du langage

- The link between PowerShell and .NET.
- Principle, functionality, use of commands and cmdlets.
- Pipelines: behavior of flows and their configuration. Simplification of the code, the pipelinevariable.