

Microsoft Windows Server 2016 e-learning channel

Practical course - 2d - 08h30 - Ref. 8WS

Price : 190 CHF E.T.

Looking to strengthen your server administration skills? Look no further. Our specialized Windows Server channel lets you explore the possibilities of this platform and master the skills needed to build and maintain a reliable and secure IT infrastructure.

Teaching objectives

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

- ✓ Getting to grips with Active Directory.
- ✓ Centralize information.
- ✓ Configure user environment.
- ✓ Administering with PowerShell.
- ✓ Understand the architecture and services of an RDS infrastructure, license management and the RDP protocol.
- ✓ Deploy RDS infrastructure.
- ✓ Administer and configure the infrastructure.
- ✓ Understand the operation and architecture of an RDS gateway and deploy different access strategies.
- ✓ Configure Domain Name System (DNS) services with Active Directory Domain Services (AD DS) integration.
- ✓ Implement Round-robin functionality.
- ✓ Learn about the different types of DNS zones, resource records and DNS redirectors.

Intended audience

System administrators wishing to discover and/or implement Windows Server 2016.

Prerequisites

No special knowledge required.

PARTICIPANTS

System administrators wishing to discover and/or implement Windows Server 2016.

PREREQUISITES

No special knowledge required.

TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

Practical details

Digital activities

IT structure: recorded courses, expert videos and best practice sharing.

Mentoring

L'option tutorat propose un accompagnement personnalisé par un formateur référent ORSYS, expert du domaine. Adapté aux besoins, aux capacités et au rythme de chaque apprenant, ce tutorat combine un suivi asynchrone (corrections personnalisées d'exercices, échanges illimités par message...) et des échanges synchrones individuels. Bénéfice : une meilleure compréhension, le développement des compétences et un engagement durable dans la formation.

Pedagogy and practice

A wealth of content produced by trainers following a rigorous pedagogical approach. During each course, operational cases are commented on by experts to help learners put into practice what they have just learned. To help learners anchor their memory, each content item is broken down into short sequences of 3 to 10 minutes. This enables each learner to learn dynamically and independently.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.

Course schedule

1 Windows Server 2016, setting up and managing an Active Directory

infrastructure

- Introduction.
- Discover Active Directory.
- Centralized information.
- User environment configuration.
- Administration with PowerShell.

2 Windows Server 2016 RDS Services, setting up remote desktop services

- Presentation of remote office services.
- Infrastructure deployment.
- Infrastructure configuration.
- Installation of an RDS gateway.

3 DNS, setting up the service under Windows Server 2016

- DNS infrastructure context.
- DNS (Domain Name System) service.
- The different DNS zone types and records.
- DNS security and response strategies.