

# Course : SharePoint Server, administration and maintenance

*Practical course - 3d - 21h00 - Ref. SHM*

*Price : 2150 CHF E.T.*

NEW

Aimed at IT administrators and engineers, this training course enables you to master the deployment, configuration and maintenance of SharePoint Server: site and service management, security, backups and performance optimization of an enterprise SharePoint farm.

## Teaching objectives

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

- ✓ Install and configure a SharePoint Server farm.
- ✓ Administer services, applications and site collections.
- ✓ Manage accounts, authorizations and security strategies.
- ✓ Monitor system health and optimize performance.
- ✓ Implement backups, restores and updates.

## Intended audience

System administrators, technical managers, IT engineers, Microsoft infrastructure consultants, wishing to deploy and maintain SharePoint Server in an enterprise environment.

## Prerequisites

Good knowledge of Windows Server, Active Directory, IIS and SQL Server databases.

## Course schedule

### 1 Introduction and architecture of SharePoint Server

- Present SharePoint Server roles and components.
- Identify logical and physical architectures.
- Understand hardware and software prerequisites.
- Plan topologies and high availability.

### Hands-on work

Mapping a SharePoint architecture for a business case.

### PARTICIPANTS

System administrators, technical managers, IT engineers, Microsoft infrastructure consultants, wishing to deploy and maintain SharePoint Server in an enterprise environment.

### PREREQUISITES

Good knowledge of Windows Server, Active Directory, IIS and SQL Server databases.

### 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.

## 2 Installation and initial configuration

- Install SharePoint Server and SQL Server.
- Create and configure SharePoint farms.
- Configure basic services and service accounts.
- Managing Central Administration

### Hands-on work

Install a two-server SharePoint farm with web service configuration.

## 3 Application management and site collections

- Create and configure Web applications.
- Create site and template collections.
- Manage quotas and templates.
- Administer via PowerShell.

### Hands-on work

Create and configure an enterprise Web application.

## 4 Security and permissions

- Manage groups and users.
- Configure access and audit strategies.
- Integrate SharePoint with Active Directory.
- Implement administration delegation.

### Hands-on work

Define a multi-level access strategy for an intranet.

## 5 Backup, restoration and maintenance

- Plan farm and base backups.
- Use PowerShell and Central Administration to restore.
- Updating and patching SharePoint Server
- Monitor health and performance.

### Hands-on work

Implementation of an automated maintenance plan.

### 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.

### 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.

## Dates and locations

### REMOTE CLASS

2026 : 1 June, 2 Sep., 23 Nov.