

# Course : SharePoint 2019, Administrator

Practical course - 3d - 21h - Ref. SHY

Price : 2150 CHF E.T.

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Set up a SharePoint architecture and install an optimized server to ensure service availability. This hands-on course will show you how to set up the main services of a SharePoint farm and ensure operational monitoring of services.

## Teaching objectives

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

- Installing and deploying SharePoint 2019
- Install and configure a SharePoint server farm
- Installing service applications
- Implementing security strategies
- Troubleshooting and monitoring a SharePoint server farm

## Intended audience

SharePoint administrators, SharePoint technical project managers.

## Prerequisites

Experience in Windows administration. Functional knowledge of SharePoint.

## Practical details

### Hands-on work

30% of time in conceptual presentation, 70% of time in practical work

## Course schedule

### 1 Introduction to SharePoint 2019

- What's new in SharePoint 2019 and what's disappearing.
- Different versions and licensing rules.
- The different administrative roles.

### Hands-on work

Deploy SharePoint 2019 after deciding on the appropriate deployment architecture. Verify platform installation. Create site collections.

## PARTICIPANTS

SharePoint administrators, SharePoint technical project managers.

## PREREQUISITES

Experience in Windows administration. Functional knowledge of SharePoint.

## 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 Server battery

- Topology and server farm.
- Assigning different roles to servers in a battery.
- Hybrid environment and configuration.

### Hands-on work

Plan the necessary domain accounts. Validate and complete the installation of a new battery.

## 3 Service applications

- Basic service applications and configuration.
- Application catalog and configuration.
- External services and their configuration. Setting up the hybrid environment.

### Hands-on work

Configure service applications. Configure external services and the application catalog.

## 4 Search functions

- Overview of functions.
- Search services and their configuration.
- Improvement through taxonomy.
- Links and search parameters for a collection of sites.

### Hands-on work

Set up a global search on a SharePoint battery. Links and settings on a collection of search sites.

## 5 User and security management

- The user profile service, its data and controls: synchronization, audiences...
- Synchronization between profile service and Active Directory information.
- Global security strategies.
- Security options for an extranet.

### Hands-on work

Synchronization and authentication of users with Active Directory. Set up FBA authentication for an extranet.

## 6 Troubleshooting and monitoring

- Monitor SharePoint environments, including site collections
- Parameterization and optimization.
- Backup methods.
- Best practices in problem solving.

### Hands-on work

Manage, control and safeguard a collection of sites. Report and analyze information to facilitate problem resolution.

## 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](mailto:psh-accueil@orsys.fr) to review your request and its feasibility.

## Dates and locations

**REMOTE CLASS**

2026: 16 Mar., 20 May, 12 Oct., 9 Dec.