

# Course : Exchange Server 2019, refresher course for senior administrators

*Practical course - 2d - 14h00 - Ref. EFS*

*Price : 1190 € E.T.*

This training course enables Exchange 2013 or 2016 administrators to upgrade to Exchange 2019 and benefit from the enhancements and innovations specific to this version.

## Teaching objectives

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

- ✓ Learn about the new architecture of Exchange 2019
- ✓ Planning the deployment of an Exchange 2019 infrastructure
- ✓ Designing and implementing high availability
- ✓ Upgrade Exchange 2010/2013/2016 to Exchange 2019
- ✓ Master the interconnectivity of Exchange Server 2019 with ancillary services

## Intended audience

IT professionals, e-mail administrators and systems engineers.

## Prerequisites

At least two years' experience of Exchange Server, Windows Server and Active Directory administration and name resolution (DNS) is required.

## Practical details

### Hands-on work

Training alternates theory and practice. Everything we learn is put into practice.

## Course schedule

### 1 Exchange 2019 architecture

- The different roles and components of a 2019 infrastructure.
- Intercomponent and client protocols and communications.
- New architectural features.

### PARTICIPANTS

IT professionals, e-mail administrators and systems engineers.

### PREREQUISITES

At least two years' experience of Exchange Server, Windows Server and Active Directory administration and name resolution (DNS) is 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.

## 2 Plan Exchange deployment

- New Exchange features.
- Technical and professional prerequisites.
- Plan infrastructure deployment.

## 3 Manage services

- New management features.
- New tools.
- What's new in PowerShell.

## 4 Implement customer connectivity and mailbox services

- Configure customer access services with the new version.
- Manage customer services.
- Publication and connectivity of customer services with Exchange Server.
- OWA configuration.
- Mobile messaging configuration.
- Database and mailbox management.
- Public records management.
- What's new in Exchange 2019 in the different roles.

## 5 Designing and implementing high availability

- Planning high availability with Exchange Server 2019.
- Plan a failover and load cluster.
- Designing an emergency site.
- Manage restoration.

## 6 Security in Exchange 2019

- Overview of new security features in Exchange.
- Implementation of the main safety rules.

## 7 Upgrade Exchange 2010/2013/2016 to Exchange 2019

- Migration schemes and protocols for migration to Exchange 2019.
- Post-migration analysis.

## 8 Interconnectivity with ancillary services

- New Exchange features with connectivity to Windows Server roles.
- New Exchange features with connectivity to SharePoint/Skype services.
- New Exchange features with connectivity to Azure and Office365 cloud services.

### 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.