

# Course : Exchange 2016, maintenance and troubleshooting

Practical course - 3d - 21h00 - Ref. EMD

Price : 2150 CHF E.T.

Acquire the skills needed to diagnose and resolve failures in an Exchange 2016/Outlook environment. You'll also learn how to plan a backup and restore strategy to better secure your system and reduce downtime.

## Teaching objectives

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

- Learn to troubleshoot Exchange databases
- Understanding mailbox troubleshooting
- Troubleshooting methods
- Identify potential safety issues

## Intended audience

Systems engineers or network managers who need to troubleshoot the various components of a Microsoft Exchange 2016 organization on Windows 2016/2012 servers with heterogeneous clients.

## Prerequisites

Good knowledge of Exchange 2016 and Windows 2016 or 2012 R2 administration in a domain environment.

## Practical details

### Hands-on work

Alternating practice and theory

## Course schedule

### PARTICIPANTS

Systems engineers or network managers who need to troubleshoot the various components of a Microsoft Exchange 2016 organization on Windows 2016/2012 servers with heterogeneous clients.

### PREREQUISITES

Good knowledge of Exchange 2016 and Windows 2016 or 2012 R2 administration in a domain environment.

### 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.

## 1 General information on troubleshooting Exchange 2016

- Reminder of Exchange 2016 server roles.
- Quickly audit an Exchange server. Audit logging.
- Troubleshooting techniques for common network and application problems (Outlook, etc.).
- Services for Exchange 2016 and its unified messaging.
- Monitor Exchange 2016.

### Hands-on work

Configure auditing.

## 2 Troubleshooting Exchange databases

- Mailbox database and recovery database.
- Detect errors and corruptions in a database.
- Repair tools.

### Hands-on work

Solving database problems.

## 3 Troubleshooting mailboxes

- Backup/restore mailbox servers.
- Implementation and analysis of message tracking.
- Retention period.

### Hands-on work

Mailbox recovery.

## 4 Troubleshooting Exchange/Outlook messaging

- Why hasn't an email arrived in the mailbox? Why hasn't an email gone out?
- Problems opening email accounts, connecting to messaging systems.
- Configure the mailbox server role.

### Hands-on work

Troubleshooting of the main error messages (invalid address, quota, etc.).

## 5 Troubleshoot calendar and address book access

- Address book: reminder, different types.
- Calendar: common problems, managing shared calendar rights.

### Hands-on work

Rebuild address book.

## 6 Troubleshooting Outlook Web Access (OWA)

- Classic browser-side problems.
- Classic server-side problems (IIS).

### Hands-on work

Configure OWA.

## 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.

## 7 Troubleshooting security problems

- Problems related to Exchange Server 2016 security configurations, AD RMS, spam.
- Access control configuration.

### Hands-on work

Configure anti-spam features.

## 8 Loss recovery

- Planning and implementation of Exchange Server 2016 backup and restore.

### Hands-on work

Data backup and restoration.