

Workshop Migration to Exchange Server 2016/2019 and System Administration (MES16-19AS)

ID MES16-19AS Price 2,790.— €(excl. tax) **Duration 5 days**

This text was automatically translated. Please click [here](#) to read the original German version.

Who should attend

This workshop is aimed at Exchange administrators who are faced with the requirement to migrate their existing Exchange 2010/2013 environment to Exchange 2016 and who want to use this workshop in advance to learn about and carry out all the necessary steps of a migration in practice. In addition, the workshop provides the know-how for efficient administration and setup of an Exchange 2016 environment. The new features of Exchange 2019 will also be presented and evaluated.

Course Content

Part1: Migration (2 days)

Upgrade an existing pre-configured Exchange 2010/2013 environment to Exchange 2016. In detail:

- Prerequisites for using Exchange 2016
- Update des Active-Directorys
- Installation of Exchange 2016 into the existing 2010 environment
- Changeover of client accesses to Exchange 2016
- Configuration of Autodiscover
- Setting up the virtual directories
- X.509 certificates for Exchange
- Conversion of the mail routing
- Migration of mailboxes
- Migration of public folders
- Removal of the old servers
- Final testing

Part 2: Administration of an Exchange 2016/2019 environment (3 days)

- Overview Administration Tools
- Management of recipient objects
- Administration of the mailbox role (Exchange as database

- server)
- Transport and journal rules
- Address guidelines and address lists
- Administration of the ClientAccess role (Exchange as HTTPS, POP3 and IMAP4 server)
- Use of mobile devices
- The exact functionality of Autodiscover and the corresponding configuration
- The importance of X.509 certificates for Exchange
- Setup options for a secure Internet connection
- Administration of the hub transport role (Exchange as SMTP server with its connectors)
- Public folder management
- High Availability for Exchange
 - Fail-safe for databases
 - Failover and load balancing for client access
 - Fail-safe mail routing
- Exchange Backup und Restore
- Exchange Disaster Recovery Capabilities
- Exchange archiving options
- Prevention of loss of sensitive data
- Global Search and Archiving in Exchange 2016
- The Exchange 2016 permissions model
- Monitoring and maintenance of Exchange 2016
- Innovations in Exchange 2019
 - Installation on Server Core
 - Use of SSDs for fast caching
 - Search index improvements
 - Use of up to 256GB RAM for caching
 - Neue Hybrid Tools (Organization Configuration Transfer - OCT and Hybrid Config Agent)
 - Placement of Exchange 2019

About Fast Lane



Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

Fast Lane Services

- ✓ High End Technology Training
- ✓ Business & Soft Skill Training
- ✓ Consulting Services
- ✓ Managed Training Services
- ✓ Digital Learning Solutions
- ✓ Content Development
- ✓ Remote Labs
- ✓ Talent Programs
- ✓ Event Management Services

Training Methods

- ✓ Classroom Training
- ✓ Instructor-Led Online Training
- ✓ FLEX Classroom – Classroom & Online Hybrid
- ✓ Onsite & Customized Training
- ✓ E-Learning
- ✓ Blended & Hybrid Learning
- ✓ Mobile Learning

Technologies & Solutions

- ✓ Digital Transformation
- ✓ Artificial Intelligence
- ✓ Cloud
- ✓ Networking
- ✓ Cyber Security
- ✓ Wireless & Mobility
- ✓ Modern Workplace
- ✓ Data Center



Worldwide Presence
with high-end training centers
around the globe



Multiple Awards
from vendors such as AWS,
Microsoft, Cisco, Google, NetApp,
VMware



Experienced SMEs
with over 19.000 combined
certifications

Germany

**Fast Lane Institute for Knowledge
Transfer GmbH**
Tel. +49 40 25334610
info@flane.de / www.flane.de

Austria

ITLS GmbH
(Partner of Fast Lane)
Tel. +43 1 6000 8800
info@itls.at / www.itls.at

Switzerland

**Fast Lane Institute for Knowledge
Transfer (Switzerland) AG**
Tel. +41 44 8325080
info@flane.ch / www.flane.ch