

## Microsoft Exchange Server and Office 365

### OBJECTIVES

At the end of the course, the participant will have the knowledge and skills necessary to configure and manage a Microsoft Exchange Server messaging environment and use Office 365.

He will learn to configure Exchange Server and will leave with best practices that will help optimize the deployment of the Microsoft Exchange Server.



### TARGET CLIENTELE

All network positions (except DBA)

### PREREQUISITES

Experience Microsoft Exchange Server  
Administration of Windows Server and Active Directory or Domain Services

## COURSE SYLLABUS

### 1. Setting Up Mail Servers

- Describe the tools of Exchange Server Administration
- Configure mail server roles
- Configure public folders

### 2. Managing Recipient Objects

- Manage mailboxes in Microsoft Exchange Server
- Manage other recipients in Microsoft Exchange Server
- Configure email address policies
- Configure address lists
- Improve block processing tasks

### **3. Managing Client Access**

- Configure the access client role
- Configure client access services for Microsoft Outlook clients
- Configure Office Outlook Web app
- Configure Mobile Messaging to access Exchange Server mailboxes

### **4. Message Transport Management**

- Describe the transport of messages in Microsoft Exchange Server
- Configure message transport

### **5. Implementation of Message Security**

- Deploy Edge Transport servers
- Deploy an antivirus solution
- Set up an anti-spam solution
- Configure secure SMTP messaging

### **6. Implementation of High Availability**

- Describe high-availability options in Exchange Server
- Configure high availability for mailbox servers
- Deploy high availability for servers "non-Mailbox"

### **7. Implementation Work of Backup and Restoration**

- Plan backup and restore
- Save from Microsoft Exchange Server
- Restore Microsoft Exchange Server

### **8. Configure Messaging Policies and Compliance Rules**

- Explain messaging policies: needs and options
- Configure transport rules
- Configure the journal and the legal archiving rules
- Configure message record management
- Set up the archive box

### **9. Safe and Secure on Microsoft Exchange Server**

- Configure RBAC access control
- Configure secure access to Internet to Exchange Server

**10. Microsoft Exchange Server Maintenance**

- Monitor Exchange Server
- Maintain Exchange Server
- Troubleshoot Exchange Server

**11. Using Microsoft Office 365 with Exchange Server**

- Use Microsoft Office 365