



Exchange 2007 Installation & Administration

Course overview

Description

A hands on course covering the tools and techniques required to build, manage and troubleshoot a simple Exchange 2007 based mail solution.

Who will benefit?

Engineers implementing Exchange 2007 Mail systems. Administrators running Exchange systems. Managers wanting to understand its intricacies and Architects wishing to understand the value it will bring to their networks. Anyone seeking Microsoft Certification requiring practical experience.

Prerequisites

Understanding of TCP/IP and the Internet

Objectives

By the end of the course delegates will be able to:

- Install MS Exchange 2007..
- Create, configure and manage recipient objects 2007.
- Configure and administer MS Exchange 2007.
- Secure MS Exchange 2007.
- Backup and restore MS Exchange 2007.
- Monitor and Performance Tune MS Exchange 2007.

Duration: 3 days



Contents

Hands on !

Networking: What you need to know

Mail protocols, DNS and email, Active Directory for Exchange, Internet connectivity. Hands on: Testing SMTP connectivity.

Exchange - A brief primer

Exchange versions, Exchange 2007 - new features, Exchange Architecture, The Exchange Organisation, Management tools. Hands on: Using the Exchange management shell, Exchange management console.

Installation

Installation requirements, server roles, installation, post-installation and migration overview. Hands on: Installing Exchange 2007.

Managing Recipients

Creating/configuring mailboxes, users and groups. Managing address lists. Public folder overview. Hands on: Creating and managing recipients, address lists.

Storage

Creating and managing storage groups and databases under Exchange 2007. Hands on: Implementing storage groups, mailbox and public folder databases.

Managing Hub Transport Servers

Exchange 2007 Transport Architecture, Inter & Intra Site communications configuration, Internet connection, managing transport servers. Hands on: Examining the Transport server.

Client Access Servers

Configuration to accept clients connections, Outlook Web Access, ActiveSync (overview), POP & IMAP, Outlook Anywhere. Hands on: OWA configuration, POP and IMAP access, installing outlook.

Edge Transport Servers & Unified Messaging (UM) Overview

Edge Transport Concepts, UM Architecture, Installation & Enabling, UM Objects & Users. Hands on: UM configuration.

Securing Exchange 2007

Security Concepts, Configuration Wizard & Securing Exchange Server Roles. Hands on: Running the security configuration wizard.

Backup & Recovery

Database architecture, Backup/restore processes, Server role backup requirements, advanced techniques, troubleshooting assistant. Hands on: Backup & restore, repairing a damaged database.

Monitoring & Performance Tuning

Exchange Best Practices Analyser, performance monitoring basics, Exchange server performance monitor, systems monitor Exchange Systems Server Performance Troubleshooting Analyser. Hands on: Using the tools.

Why us?

We prefer to let our clients explain why. "Easily one of the best bits of training I've had! Should have done this months ago."

T.R. Royal Bank of Scotland

Small class sizes

We limit our maximum class size to 8 delegates; often we have less than this. This ensures optimal interactivity between delegates and instructor.

"Excellent course. The small class size was a great benefit..."

M.B. - IBM

Hands-on training

The majority of our courses use hands on sessions to reinforce the theory.

"Not many courses have practice added to it. Normally just the theoretical stuff is covered."

J.W. Vodafone

Our courseware

We write our own courses; courseware does not just consist of slides and our slides are diagrams not bullet point text. "Well presented & lots of it."

P.A. Livingston

Customise your course

Is there more than one of you? Please contact us if you would like a course to be customised to meet your specific requirements. Have the course your way.

"I was very impressed by the combination of practical and theory. Very informative. Friendly approachable environment, lots of hands on."

S.R. Qinetiq

Our clients

You can be reassured that when you receive training from us, you are in good company. Clients range from service providers and large multinationals down to one man businesses.

"Material covered is relevant to ISP operation, more so than many vendor courses."

A.F. LINX

What our customers say

"Big thanks to SNT. I found this course to be well planned and delivered by your professional staff."

S.H. Deutsche Bank AG