



Migrate the Falkirk Exchange server from Exchange 2003 to Exchange 2007, running on a new machine.

Checked that the Exchange organisation was running in Exchange 2003 Native Mode.

Done.

Checked that the domain and forest Functional Levels were both at Windows Server 2003 level.

Ran an Exchange 2007 Readiness Check using the Microsoft Exchange Best Practice Analyser tool. No issues found that would not be resolved as part of the installation (Active Directory schema extension, etc.)

Installed Exchange 2007, choosing initially to co-exist with the existing Exchange 2003 server.

Re-ran the Microsoft Exchange Best Practice Analyser.

Moved the Domain Administrator's mailbox from the old to the new server as a test.

Granted anonymous permission to the default Receive Connector on the new server, to allow incoming SMTP mail from the Internet.

Created a Send Connector to route outgoing SMTP mail via DNS (to allow mail to flow between the old and new servers while the transition was in progress). Mail did not flow immediately between the old and new servers as it should. Discovered that the Routing Group that the setup process is supposed to create automatically to manage this was missing. This may have been because the organisation's Administrative Group is called something other than the default ("First Administrative Group"). Created the routing group manually, and this resolved the problem.

Replaced the self-signed certificate that is installed by default on the Default Web Site (which includes Outlook Web Access and Exchange Activesync) with Fictional Company's own GoDaddy certificate. Followed the procedure detailed in Microsoft Knowledgebase article 940726 to solve the problem of the machine's Common Name being different internally ("exchange.fictional.local") and externally ("mailgate.fictional.co.uk").

Moved all users' mailboxes to the new server. Some mailboxes contained an error in their Alias or PrincipalName – Exchange 2007 is stricter with its naming requirements than its predecessors. Modified all problematic mailbox details to conform to the new naming conventions, and the mailboxes were then able to move over to the new server successfully.

Modified the Send Connector to route outgoing SMTP mail via *post.demon.co.uk*.

Left Exchange 2003 installed at present, so that Outlook on users' machines is automatically redirected to the new server. Once sufficient time has elapsed for all users to have used Outlook at least once since the new server was installed, Exchange 2003 can be uninstalled.