

Installing Exchange Server 2010 Pre-Requisites Server 2008

First, install the following software components.

.NET Framework 3.5 Service Pack 1

.NET Framework 3.5 Family Update

Windows Remote Management and Windows PowerShell 2.0

2007 Office System Converter: Microsoft Filter Pack (for Hub Transport and Mailbox Server roles only)

Run the following from an elevated command prompt.

```
C:\>sc config NetTcpPortSharing start= auto
```

Next we need to install the operating system components. The Exchange source files contain a series of ServerManagerCmd.exe answer files in XML format that can be used to install the operating system pre-requisites for each of the server roles.

Each file relates to a specific Exchange 2010 deployment scenario.

exchange-all.xml – all server roles

exchange-base.xml – only the requirements for Forest and Domain prep operations

exchange-cadb.xml – Central Admin Database role

exchange-cas.xml – Client Access Server role

exchange-eca.xml – Central Admin role

exchange-edge.xml – Edge Transport Server role

exchange-hub.xml – Hub Transport Server role

exchange-mbx.xml – Mailbox Server role

exchange-typical.xml – Typical Exchange server (Client Access, Hub Transport, and Mailbox Server roles)

exchange-um.xml – Unified Messaging role

For example, here is the contents of the exchange-cas.xml file.

Execute any of the answer files using ServerManagerCmd.exe and the -inputPath parameter (that can be shortened to -ip). Here I am installing the pre-requisites for a “Typical” server.

```
C:\Admin\Exchange 2010\scripts>servermanagercmd -ip exchange-typical.xml
```

```
.....
```

```
Start Installation...
```

```
Skipping [.NET Framework 3.0 Features] .NET Framework 3.0 Features because it is already installed on this computer.
```

```
[Installation] Succeeded: [.NET Framework 3.0 Features] WCF Activation.
```

[Installation] Succeeded: [Web Server (IIS)] Management Tools.

[Installation] Succeeded: [Web Server (IIS)] Web Server.

[Installation] Succeeded: [Remote Server Administration Tools] Feature Administration Tools.

[Installation] Succeeded: [Remote Server Administration Tools] Role Administration Tools.

[Installation] Succeeded: [Remote Server Administration Tools] Active Directory Domain Services Tools.

[Installation] Succeeded: [Web Server (IIS)] Performance.

[Installation] Succeeded: [Web Server (IIS)] IIS 6 Management Compatibility.

[Installation] Succeeded: [Web Server (IIS)] Health and Diagnostics.

[Installation] Succeeded: [Web Server (IIS)] Application Development.

[Installation] Succeeded: [Web Server (IIS)] Security.

[Installation] Succeeded: [Web Server (IIS)] Common HTTP Features.

Success: A restart is required to complete the installation.

C:\Admin\Exchange 2010\scripts>

If you want the restart to happen automatically add the -restart option to the command.

C:\Admin\Exchange 2010\scripts>servermanagercmd -ip exchange-typical.xml -restart

The server is now ready for installation of Exchange Server 2010.