



Protech SharePoint for Members Server Installation

The Protech SharePoint for Members server topology is configured using the following server roles:

- Front-end Web server
- Database server

This section describes the minimum and recommended system requirements for each server role.

Front-end Web Server Hardware Requirements

The following table lists Protech's minimum and recommended hardware requirements for deploying a Windows SharePoint Services 3.0 front-end Web server.

Component	Requirement	Recommended
Processor	Dual processors that are each 2.5 GHz	Dual processors that are each 3 GHz or faster
RAM	2 GB	4 GB (based on client's needs and estimated number of concurrent connections)
Disk	2 – SAS HD 10k RPM 146 GB Raid 1	3 – SAS HD 15k RPM 146 GB Raid 1 configuration with hot spare
Drive	DVD drive	DVD drive
Network	100 Mbps	1 Gbps

Software Requirements

Protech recommends that you perform the installation on a computer that has a new installation of the Microsoft Windows Server 2003 operating system with Service Pack 2 (SP2) or later and all critical updates.

Operating System

Windows SharePoint Services 3.0 runs on Windows Server 2003 with SP2 or later. Protech recommends that you apply all critical updates. You can use the following Windows Server 2003 editions:

- Windows Server 2003, Standard Edition
- Windows Server 2003, Enterprise Edition
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Windows SharePoint Services 3.0 administration functions require Microsoft Internet Explorer Internet Explorer 7.0.

Windows Components

After you have installed the operating system and applied all critical updates, you must configure the computer to be a Web server by enabling IIS 6.0, including:

- Common files
- WWW
- SMTP

Note:

To enable e-mail notifications, you need to configure incoming and outgoing e-mail settings. To configure sending e-mail alerts and notifications, you must specify an SMTP e-mail server. To configure your installation so that your SharePoint sites can accept and archive incoming e-mail, you must install the IIS SMTP service.

Important:

The following components are required for Windows SharePoint Services 3.0 to run correctly: the Web Server role, and the Microsoft .NET Framework version 3.0. Do not uninstall them, or Windows SharePoint Services 3.0 will cease to run.

Microsoft .NET Framework 3.0

Before installing Windows SharePoint Services 3.0, you must install the Microsoft .NET Framework 3.0 and then ensure that ASP.NET 2.0 is enabled.

Note:

You can also use the Microsoft .NET Framework version 3.5. You can download the .NET Framework version 3.5 from the [Microsoft Web site](http://go.microsoft.com/fwlink/?LinkId=110508) (<http://go.microsoft.com/fwlink/?LinkId=110508>).

To enable ASP.NET v2.0.50727, open the Web service extension in the IIS snap-in on the MMC. If ASP.NET 2.0 is installed on the computer before IIS is enabled, you must enable ASP.NET 2.0 by running the command **aspnet_regiis -i**.

Database server

The computer that hosts the database server role must Microsoft SQL Server 2005 SP2. Some advanced features require SQL Server 2005 Analysis Services SP2 or later.

Component	Requirement
Processor	1-GHz AMD Opteron, AMD Athlon 64, Intel Xeon with Intel EM64T support, Intel Pentium IV with EM64T support processor
Operating System	Microsoft Windows Server 2003 Standard x64 Edition, Enterprise x64 Edition
Memory	4 GB of RAM or more recommended
Hard Disk	<ul style="list-style-type: none"> • 300 GB of available hard disk space for the recommended installation • Raid 5 or Raid 10 • 3 or more 15k RPM SAS drives
Drive	DVD-ROM drive
Other Requirements	For Reporting Services, you need Microsoft Internet Information Services (IIS) 6.0 and ASP.NET 2.0 or later