

# System Requirements

## Required Hardware: Server

The server(s) hosting the Forefront Identity Manager server components must meet the following hardware requirements.

Processor	x64 capable
Hard disk	2 gigabytes (GB) of available hard disk drive space (not including the databases)
Memory	2 gigabytes (GB) or more of RAM
Additional Requirements	<ul style="list-style-type: none"><li>• Monitor with a resolution of 1024x768</li><li>• CD-ROM or DVD-ROM drive</li></ul>

## Required Hardware: Client

The client computer that hosts the Forefront Identity Manager client-side component(s) must meet the following hardware requirements.

Memory	512 MB of RAM (1 GB recommended)
Hard disk	500 MB of free hard disk drive space
Monitor	1024x768 resolution

## Required Software

Each server hosting the different Forefront Identity Manager server-side components has a different software requirement. In the [Install guide](#), you will find the software requirements for each of the Forefront Identity Manager server-side components.

## Installing all FIM Services on one server

Server software	<ul style="list-style-type: none"><li>• Windows Server 2008 64-bit or Windows Server 2008 R2 Standard, Enterprise or Datacenter Editions</li><li>• SQL Server 2008 64-bit Standard or Enterprise Editions SP 1 or</li></ul>
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later

- Web Server (Internet Information Server 7)
- Windows SharePoint Services 3.0 SP1
- Windows SharePoint Services 3.0 Language Pack (if installing other language than English of FIM portal)
- Microsoft .NET Framework 3.0
- Microsoft .NET 3.5 SP1 Framework
- Exchange 2007 SP1 Management Console (if provisioning Exchange Server 2007 mailboxes)
- Windows Installer 4.5
- Windows PowerShell 1.0 (if provisioning Exchange Server 2007 mailboxes)
- Windows PowerShell 2.0 (if provisioning Exchange Server 2010 mailboxes)

### **FIM client components software requirements**

- Windows XP Professional SP2 or later (32 bit); Windows Vista Business and Enterprise SP1 or later (32 or 64 bit); Windows 7 Professional, Ultimate, and Enterprise (32 or 64 bit)
- Windows Installer 3.1 or later (only needed if running Windows XP SP2)
- Microsoft .NET Framework 3.5 SP1

Client software

If you use Forefront Identity Manager add-in for Office 2007:

- Microsoft Office Outlook 2007 Service Pack 2
- Microsoft Forms .NET 2.0 Programmability Support
- Smart Tag .NET Programmability Support for Microsoft Office 2007

- .Net Programmability Support for Microsoft Office Outlook

### Smartcard Platform Requirements

Middleware supported by  
Forefront Identity Manager

- BaseCSP
- **Any BaseCSP smart card module that conforms to the BaseCSP specification with support for CardAuthenticateChallenge according to section 2.3.2.3 in the [mini driver specification](#).**
- PKCS #11

Middleware included in  
Forefront Identity Manager  
support for PKCS#11

- Gemalto Access Client v5.4
- AET SafeSign Identity Client v2.3
- Aladdin eToken 5.0 32 bit and 64 bit
- Gemalto Classic Client v5.1.8
- Siemens HiPath Scurity Card API version 3.2
- IAS Middleware version 1.03