

**Sterling Integrator®**

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# **System Requirements**

**Version 5.0**



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# Sterling Integrator 5.0

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## Sterling Integrator 5.0 System Requirements

When using these system requirements, make sure that you also have the preinstallation checklist for your platform (Windows, UNIX/Linux, iSeries). Checking system requirements is one item on these checklists. These checklists are available on the Sterling Integrator documentation web site as part of the installation guide and as stand-alone documents.

System requirements for Sterling Integrator vary with your business needs and system environment. Contact your Sterling Integrator sales representative to help you evaluate performance and system usage requirements. Contributing factors include (but are not limited to) the following:

- Number of transactions processed.
- Amount of data being transferred.
- Whether you run Sterling Integrator with or without perimeter servers.
- Whether your environment is clustered (multiple node) or non-clustered (single node).

The following sections list the platforms and databases that are supported by Sterling Integrator:

- [Platforms](#) on page 4
- [Databases](#) on page 6

The following sections list minimum system requirements, and other information, needed to install and run Sterling Integrator on particular platforms:

- [IPv6 Capabilities](#) on page 8
- [UNIX/Linux Requirements](#) on page 11
- [Windows Requirements](#) on page 17
- [iSeries Requirements](#) on page 19

The following sections list additional information that is needed to install and run Sterling Integrator:

- [JCE Requirements \(All Platforms\)](#) on page 21
- [JDBC Driver Requirements \(All Databases\)](#) on page 21
- [Perimeter Server Requirements \(UNIX/Linux and Windows\)](#) on page 23
- [Internet Browser and Plugin Requirements \(All Platforms\)](#) on page 23
- [Map Editor and Graphical Process Modeler System Requirements](#) on page 24

- [Supported Third Party Software](#) on page 24

For information on the history of changes for the *System Requirements*, see [Change History](#) on page 25.

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**Note:** Sterling Integrator supports ActiveMQ 5.0 for JMS (Java Message Service). Applying Sterling Integrator, Release 5.0 Build 5001 or later updates ActiveMQ to version 5.2.

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## Platforms

Sterling Integrator supports the UNIX/Linux, Windows, and iSeries platforms. This topic covers the following supported platform versions:

- UNIX/Linux
- Windows
- iSeries

### UNIX/Linux

Sterling Integrator supports the following UNIX/Linux platforms:

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**Note:** If you are using the GUI installation method with UNIX/Linux, you need X Window-compatible software.

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- HP-UX 11.11 (PA-RISC) (not supported by Sterling File Gateway)
- HP-UX 11.23 (PA-RISC) (not supported by Sterling File Gateway)
- HP-UX 11.23 for IA64 (Itanium)
- HP-UX 11.31 (PA-RISC). Requires Sterling Integrator, Release 5.0 Build 5002 or later.
- HP-UX 11.31 for IA64 (Itanium). Requires Sterling Integrator, Release 5.0 Build 5002 or later.
- IBM AIX 5.2 (not supported by Sterling File Gateway)
- IBM AIX 5.3
- Sun Solaris 9 (SPARC only)
- Sun Solaris 10 (SPARC only)
- Red Hat Enterprise Linux AS or ES Release 4 (x64/x86 32-bit kernel only)
- Red Hat Enterprise Linux AS or ES Release 5 (x64/x86 64-bit kernel only)
- SUSE Linux Enterprise Server 9 (x64/x86 32-bit kernel only)
- SUSE Linux Enterprise Server 10 (x64/x86 64-bit kernel only). Requires Sterling Integrator, Release 5.0 Build 5001 or later.

### Windows

Sterling Integrator supports the following Microsoft Windows platforms:

- Windows Server 2003 Standard Edition R2 SP2 32-bit
- Windows Server 2003 Enterprise Edition R2 SP2 32-bit
- Windows Server 2008 Standard Edition R2 64-bit. (Requires Sterling Integrator, Release 5.0 Build 5005 or later)
- Windows Server 2008 Enterprise Edition R2 64-bit. (Requires Sterling Integrator, Release 5.0 Build 5005 or later)

### iSeries

Sterling Integrator supports the following IBM iSeries platform:

- i5/OS V5R4
- i5/OS V6R1

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## Virtualization Support

The following topics are explained under this topic:

- Virtualization Support for RISC Based Systems
- Virtualization Support for x86/x64 Based Systems
- Considerations for Both RISC and x86/x64 Architectures

### Virtualization Support for RISC Based Systems

Operating system native clustering, partitioning or virtualization is supported for all RISC based platforms Sterling Integrator supports:

- AIX on P5 and above:
  - Partitioning/Virtualization – Power VM, LPAR, dLPAR
  - Clustering/Failover - HACMP
- HP-UX:
  - Partitioning/Virtualization - Resource Partitions
  - Clustering/Failover - MC/ServiceGuard
- Solaris:
  - Partitioning/Virtualization - Containers and Zones (local and global)
- IBM iSeries/System i:
  - Partitioning/Virtualization - Power VM LPARS

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**Note:** IBM does not support Linux or Windows on virtualized RISC machines. We advise caution when using virtualization to avoid configuration or operations that change the IP addresses used by Sterling Integrator. Note that the above mechanisms are supported generally and it does not imply that IBM uses these virtualization mechanisms internally.

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### Virtualization Support for x86/x64 Based Systems

IBM realizes that our customers use different virtualization mechanisms and will support them as long as the virtualization mechanism is supported by the operating system's vendor and the OS version used for hosting Sterling Integrator and related products falls in the supported matrix. Although it is not possible for us to maintain all possible combinations of virtualized platforms, we generally support all enterprise class virtualization mechanisms, such as VMware ESX™, VMware ESXi™, VMware vSphere™, Citrix Xen® Hypervisor, KVM (Kernel-based Virtual Machine), and Microsoft® Hyper-V™ Server.

### Considerations for Both RISC and x86/x64 Architectures

IBM will investigate and troubleshoot a problem until it is determined that the problem is due to virtualization. The following applies:

- If we suspect that a specific defect is happening because the system is virtualized and we cannot reproduce the problem on our non-virtualized environment, then we may request that you contact the vendor of the virtualization platform to get the issue resolved.

- In specific cases where we cannot reproduce the defect, we may request you to reproduce it on a non-virtualized environment and if the problem can still not be reproduced, then we may request that you contact the virtualization vendor for a resolution or switch to a non-virtualized platform.
- If you chose to use virtualization, you must balance the virtualization benefits against its performance impacts. IBM does not provide advice regarding configuring, administering, or tuning virtualization platforms.

## Databases

The following table lists the combination of platforms and databases supported by Sterling Integrator:

	Oracle	MySQL (supported only on non-cluster installation)	Microsoft SQL Server	DB2	DB2 for iSeries
HP-UX 11.11 (PA-RISC)	Yes	Yes	Yes	Yes	No
HP-UX 11.23 (PA-RISC)	Yes	Yes	Yes	Yes	No
HP-UX 11.23 for IA64 (Itanium)	Yes	Yes	Yes	Yes	No
HP-UX 11.31 (PA-RISC). Requires Sterling Integrator, Release 5.0 Build 5002 or later.	Yes	Yes	Yes	Yes	No
HP-UX 11.31 for IA64 (Itanium). Requires Sterling Integrator, Release 5.0 Build 5002 or later.	Yes	Yes	Yes	Yes	No
IBM AIX 5.2	Yes	Yes	Yes	Yes	No
IBM AIX 5.3	Yes	Yes	Yes	Yes	No
Sun Solaris 9 (SPARC only)	Yes	Yes	Yes	Yes	No
Sun Solaris 10 (SPARC only)	Yes	Yes	Yes	Yes	No
Red Hat Enterprise Linux AS or ES Release 4 (x64/x86 32-bit kernel only)	Yes	Yes	Yes	Yes	No
Red Hat Enterprise Linux AS or ES Release 5 (x64/x86 64-bit kernel only)	Yes	Yes	Yes	Yes	No
SUSE Linux Enterprise Server 9 (x64/x86 32-bit kernel only)	Yes	Yes	Yes	Yes	No
SUSE Linux Enterprise Server 10 (x64/x86 64-bit kernel only). Requires Sterling Integrator, Release 5.0 Build 5001 or later.	Yes	Yes	Yes	Yes	No

	Oracle	MySQL (supported only on non-cluster installation)	Microsoft SQL Server	DB2	DB2 for iSeries
Windows Server 2003 Standard Edition R2 SP2 32-bit	Yes	Yes	Yes	Yes	No
Windows Server 2003 Enterprise Edition R2 SP2 32-bit	Yes	Yes	Yes	Yes	No
Windows Server 2008 Standard Edition R2 64-bit. (Requires Sterling Integrator, Release 5.0 Build 5005 or later)	Yes	Yes	Yes	Yes	No
Windows Server 2008 Enterprise Edition R2 64-bit. (Requires Sterling Integrator, Release 5.0 Build 5005 or later)	Yes	Yes	Yes	Yes	No
IBM iSeries i5/OS V5R4 (bundled with iSeries)	No	No	No	No	Yes
IBM iSeries i5/OS V6R1 (bundled with iSeries)	No	No	No	No	Yes

Sterling Integrator supports the following database versions:

**Note:** Sterling Integrator supports the use of database-level clustering when using Oracle RAC or Microsoft SQL Server. Only your database vendor, however, can assist you in setting up a clustered database.

**Note:** Sterling Integrator installed on a 32-bit architecture operating system supports a 64-bit architecture database if the database is installed on a separate machine.

Database	Requirements
<b>Oracle</b>	Oracle Database 9i Standard and Enterprise Editions, Release 2 (9.2.0.7 non-RAC through version 9.2.X.X) (not supported by Sterling File Gateway)
	Oracle Database 10g Standard and Enterprise Editions, Release 1 and Release 2 (10.1.0.4 non-RAC through version 10.X.X.X)
	Oracle Database 10g Standard and Enterprise Editions, Release 1 and Release 2 (10.1.0.4 RAC through version 10.X.X.X)
	Oracle Database 11g Standard and Enterprise Editions, Release 1 (11.1.0.7.0 non-RAC or higher within version 11.X.X.X.X) and Release 2 (11.2.0.2.0 non-RAC or higher within version 11.X.X.X.X). Requires Sterling Integrator, Release 5.0 Build 5002 or later.
	Oracle Database 11g Standard and Enterprise Editions, Release 1 (11.1.0.7.0 RAC or higher within version 11.X.X.X.X) and Release 2 (11.2.0.2.0 RAC or higher within version 11.X.X.X.X) . Requires

Database	Requirements
	<p>Sterling Integrator, Release 5.0 Build 5004 or later. RAC environment provides high availability and failover, but at a cost of reduced performance. Sterling Integrator supports the following RAC features:</p> <ul style="list-style-type: none"> <li>• Supports two node RAC environment for high availability and failover</li> <li>• Connection time load balance</li> <li>• Active/Active mode</li> <li>• SCI App failover (Unprocessed new routes and business processes will failover). Applicable for Sterling File Gateway.</li> </ul> <hr/> <p><b>Note:</b> Sterling Integrator with Oracle 11g database RAC environment does not support run time load balance and transaction failover (Oracle TAF).</p> <hr/> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Support for Oracle databases does not include support for the Oracle Exadata platform.</li> <li>• RAC refers to Real Application Clusters. For more information, refer to Oracle documentation.</li> <li>• Sterling Integrator supports JDBC Type-4 drivers to a single node of a database except Oracle RAC. You can use the JDBC Type-4 drivers to connect with multiple nodes of an Oracle RAC.</li> </ul>
<b>MySQL</b>	<ul style="list-style-type: none"> <li>• MySQL 5.0.60 (bundled) (5.0.60 only) (Sterling Integrator, Release 5.0 Build 5004 or earlier)</li> <li>• MySQL Enterprise Edition 5.0 through version 5.0.x (Requires Sterling Integrator, Release 5.0 Build 5005 or later)</li> <li>• MySQL Enterprise Edition 5.1.45 or higher within version 5.1.x (Requires Sterling Integrator, Release 5.0 Build 5005 or later)</li> </ul> <hr/> <p><b>Note:</b> MySQL is case-insensitive for searches with string values. For example, the search results will be the same when you search for users 'Admin' and 'admin'. As a result, it impacts searches for maps, business processes, services, mailboxes, user names, and other data stored in the database.</p>
<b>DB2</b>	<p>DB2 9.1 FP2 (bundled with iSeries)</p> <hr/> <p>DB2 9.1.4 through version 9.1.x (UNIX/Linux only)</p>
<b>MS SQL Server</b>	<p>SQL Server 2005 Enterprise &amp; Standard 32-bit and 64-bit (9.00.3159 through version 9.x.x)</p>

## IPv6 Capabilities

An increased market demand for enhanced Internet protocol (IP) has made the worldwide supply of Internet Protocol version 4 (IPv4) addresses scarce. The Internet Protocol version 6 (IPv6) expands the IP address space from 32 bits to 128 bits, providing a virtually unlimited supply of IP addresses. IBM is enabling Sterling Integrator for IPv6 support in phases, providing a dual IPv4/IPv6 stack, tunneling, proxying, and translation between the two IP address versions.

Sterling Integrator interoperates with various related products, many of which do not yet support IPv6 addresses. Hence, in Sterling Integrator, a limited set of configurations use IPv6 addresses. The dual stack approach permits interoperability between Sterling Integrator and a mixed set of IPv4 and IPv6 enabled services and adapters wherever feasible.



However, if you choose to implement an IPv6 installation, you will observe limitations in the Sterling Integrator system requirements and the selected services and adapters. IBM recommends you to consider the following limitations before attempting to Sterling Integrator installation using IPv6 addresses.

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**Caution:** You must install using a host name, not an IPv6 address, otherwise the Lightweight JDBC adapter and Graphical Process Modeler (GPM) will not work.

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### IPv6 Supported Combinations

The following table lists the IPv6 configuration combinations supported by Sterling Integrator:

	AIX	Windows	Linux	Solaris	HP
DB2	Yes	No	Yes	Yes	Yes
MSSQL	No	No	Yes	Yes	Yes
Oracle	No	No	Yes	Yes	Yes
MySQL	No	No	Yes	Yes	Yes

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**Note:** IBM Consulting Services can help you implement Sterling Integrator in an IPv6-compliance environment, using transition technologies. You should check the IPv6 compliance of any third party tools (such as web servers, FTP clients, MQ servers, and so on) that you use with Sterling Integrator.

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The following Sterling Integrator components provide IPv6 compliance with some limitations.

**Note:** The status of each component will be updated as more of our technology partners begin to offer IPv6 compliance.

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Adapter/Service	IPv6 Compliance	Limitations
HTTP Client/Server Adapter	Full	-
HTTP GET/POST Service	Full	-
HTTP Begin/End Session	Full	-
FTP Client/Server	Full	-
WSMQ Adapter	Full	-
PGP Package/Unpackage Service	Full	-
Command Line Adapter 2	Full	-
WSMQ Suite	Full	-

Adapter/Service	IPv6 Compliance	Limitations
JMS Adapter	Partial	The URI does not accept IPv6 addresses as characters '[' ]' are not allowed. However, it works with a hostname.
SFTP Client/Server	Full	-
SMTP/POP3/MIME	Full	-
FSA	Full	-
Lightweight JDBC Adapter	Partial	Supports an IPv6 remote host only with a DB2 and AIX combination. However, if your Sterling Integrator installation is under an IPv6 address, the Lightweight JDBC adapter can still be used with any other database currently supported by the adapter using an IPv4 remote host.
RMI Adapter	Partial	The URI does not accept IPv6 addresses as characters '[' ]' are not allowed. However, it works with a hostname.
Webservices	Full	-
BEA Tuxedo	Full	-
Zengin	Full	-
ConnectDirect	Full	Supports IPv6 on C:D UNIX 4.0 and C:D Windows 4.4.00
E5	Full	-
TIBCO	Full	-
SNMP	Full	-
Transora	Full	-
OFTP	Full	-
SAP Suite Adapter	Unsupported	-

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## UNIX/Linux Requirements

The topic covers the minimum system requirements and other information, needed to install and run Sterling Integrator on a UNIX/Linux platform:

- [UNIX/Linux Host System](#) on page 11
- [UNIX/Linux JDK Requirements](#) on page 11
- [Download UNIX/Linux JDKs](#) on page 15

### UNIX/Linux Host System

This topic covers the UNIX/Linux host system requirements. At a minimum, a UNIX/Linux host system requires:

- 2 GB RAM
- 10 GB free disk space
- File descriptor size of 2048 or greater (preferred setting is unlimited)
- When using the Solaris server, Sterling Integrator runs only on SPARC-based Solaris servers. Sterling Integrator does not run on x86 (Intel)-based Solaris servers.
- When using the Red Hat or SUSE Linux server, Sterling Integrator runs only on x64/x86-based Linux servers.
- File system space will be needed if you use the option to store documents on the file system or if you use MySQL as your database. The amount of space needed will vary depending on the size of documents to be stored and the length of time you choose to retain documents on the file system.
- For perimeter server requirements, see [Perimeter Server Requirements \(UNIX/Linux and Windows\)](#) on page 23.
- If you are using a graphical user interface (GUI) for your UNIX/Linux installation of Sterling Integrator, you must install an X Window-compatible tool.
- If you opt to store the files, additional system space is required.

Additional resources are needed if you are:

- Using MySQL database – An additional 1 GB RAM and an additional 2 GB free disk space.
- Using other databases – See the documentation you received with the database server to determine the minimum system requirements.

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**Note:** You can use a MySQL 5.0.60 database server with Sterling Integrator. This database is bundled with Sterling Integrator (Sterling Integrator, Release 5.0 Build 5004 or earlier). Choosing this database during the installation procedure creates and configures it for you. MySQL is installed locally on the same server as Sterling Integrator and cannot be installed on a separate server. MySQL database is not bundled along with Sterling Integrator, Release 5.0 Build 5005 or later.

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You should run Sterling Integrator and your database on different servers except for MySQL (bundled with Sterling Integrator, Release 5.0 Build 5004 or earlier) and DB2 (bundled with iSeries) databases.

### UNIX/Linux JDK Requirements

This topic covers the JDK requirements for installing Sterling Integrator and (if applicable) a perimeter server on UNIX/Linux platform. When downloading a JDK, follow the instructions in [Download UNIX/Linux JDKs](#) on page 15.

The following table lists the UNIX/Linux JDK requirements. The two OS (operating system) columns indicate if the UNIX/Linux vendor supports a 32-bit or a 64-bit operating system.

**Note:** JDK 5.0/JDK 6.0 and JDK 1.5.0/JDK 1.6.0 are both names for the same JDK. Version 5.0/6.0 is normally used in marketing, documentation and other written communication. When you download the JDK, it may be identified on the web page as Java SE Development Kit 5.0u/6u.x, or as Version 1.5.0/1.6.0. Version 1.5.0/1.6.0 is commonly used in file names. The downloaded JDK file may use the name that appears in the JDK requirements table.

UNIX/Linux	JDK Requirements	32-Bit OS	64-Bit OS
Solaris 9 (SPARC only)	<p>JDK 1.5.0</p> <ul style="list-style-type: none"> <li>• Oracle JDK 1.5.0_15 (64-bit)</li> <li>• Oracle JDK 1.5.0_22 (64-bit)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5006 or later.</p> <ul style="list-style-type: none"> <li>• Oracle JDK 1.5.0_41 (64-bit)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5010 or later.</p> <p>JDK 1.6.0</p> <ul style="list-style-type: none"> <li>• Oracle JDK 1.6.0_14 (64 bit)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5003 or later.</p> <ul style="list-style-type: none"> <li>• Oracle JDK 1.6.0_43 (64 bit)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5010 or later.</p> <p>Minimum Solaris patch requirements are:</p> <ul style="list-style-type: none"> <li>• 113096-03</li> <li>• 111711-16</li> <li>• 111712-16</li> <li>• 112963-29</li> <li>• 112785-58</li> </ul>	Not Supported	Yes
Solaris 10 (SPARC only)	<p>JDK 1.5.0</p> <ul style="list-style-type: none"> <li>• Oracle JDK 1.5.0_15 (64-bit)</li> <li>• Oracle JDK 1.5.0_22 (64-bit)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5006 or later.</p> <ul style="list-style-type: none"> <li>• Oracle JDK 1.5.0_41 (64-bit)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5010 or later.</p> <p>JDK 1.6.0</p> <ul style="list-style-type: none"> <li>• Oracle JDK 1.6.0_14 (64 bit)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5003 or later.</p> <ul style="list-style-type: none"> <li>• Oracle JDK 1.6.0_43 (64 bit)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5010 or later.</p> <p>Minimum Solaris patch requirements are:</p> <ul style="list-style-type: none"> <li>• 120900-04</li> <li>• 121133-02</li> <li>• 119254-32</li> </ul>	Not Supported	Yes

UNIX/Linux	JDK Requirements	32-Bit OS	64-Bit OS
	<ul style="list-style-type: none"> <li>• 119578-30</li> <li>• 118822-30</li> <li>• 118833-24</li> </ul>		
AIX 5.2	<ul style="list-style-type: none"> <li>• IBM AIX 1.5.0 (64 bit) build pap64dev-20080315 (SR7)</li> <li>• IBM AIX 1.5.0 (64-bit) build pap64dev-20090707 (SR10)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5006 or later.</p> <ul style="list-style-type: none"> <li>• IBM AIX 1.5.0 (64-bit) build pap64devifx-20130304 (SR16)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5010 or later.</p> <p>Minimum IBM maintenance level: 5200-09</p>	Not Supported	Yes
AIX 5.3	<ul style="list-style-type: none"> <li>• IBM AIX 1.5.0 (64 bit) build pap64dev-20080315 (SR7)</li> <li>• IBM AIX 1.5.0 (64-bit) build pap64dev-20090707 (SR10)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5006 or later.</p> <ul style="list-style-type: none"> <li>• IBM AIX 1.5.0 (64-bit) build pap64devifx-20130304 (SR16)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5010 or later.</p> <p>Minimum IBM maintenance level: 5300-05</p>	Not Supported	Yes
HP-UX 11.11(PA-RISC)	<ul style="list-style-type: none"> <li>• HP-UX JDK Build 1.5.0.12 (64-bit)</li> <li>• HP-UX JDK Build 1.5.0_19 (64-bit)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5006 or later.</p> <ul style="list-style-type: none"> <li>• HP-UX JDK Build 1.5.0_28 (64-bit)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5010 or later.</p> <p>Patch requirements as determined by the HPjconfig utility.</p> <p>Kernel parameters as determined by the HPjconfig utility.</p>	Not Supported	Yes
HP-UX 11.23 (PA-RISC)	<ul style="list-style-type: none"> <li>• HP-UX JDK Build 1.5.0.12 (64-bit)</li> <li>• HP-UX JDK Build 1.5.0_19 (64-bit)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5006 or later.</p> <ul style="list-style-type: none"> <li>• HP-UX JDK Build 1.5.0_28 (64-bit)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5010 or later.</p> <p>Patch requirements as determined by the HPjconfig utility.</p> <p>Kernel parameters as determined by the HPjconfig utility.</p>	Not Supported	Yes
HP-UX 11.23 for IA64 (Itanium)	<ul style="list-style-type: none"> <li>• HP-UX JDK Build 1.5.0.12 (64-bit)</li> <li>• HP-UX JDK Build 1.5.0_19 (64-bit)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5006 or later.</p> <ul style="list-style-type: none"> <li>• HP-UX JDK Build 1.5.0_28 (64-bit)</li> </ul>	Not Supported	Yes

UNIX/Linux	JDK Requirements	32-Bit OS	64-Bit OS
	<p>Requires Sterling Integrator, Release 5.0 Build 5010 or later.</p> <p>Patch requirements as determined by the HPjconfig utility.</p> <p>Kernel parameters as determined by the HPjconfig utility.</p>		
<p>HP-UX 11.31 (PA-RISC)</p> <p>Requires Sterling Integrator, Release 5.0 Build 5002 or later.</p>	<ul style="list-style-type: none"> <li>• HP-UX JDK Build 1.5.0.12 (64-bit)</li> <li>• HP-UX JDK Build 1.5.0_19 (64-bit)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5006 or later.</p> <ul style="list-style-type: none"> <li>• HP-UX JDK Build 1.5.0_28 (64-bit)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5010 or later.</p> <p>Patch requirements as determined by the HPjconfig utility.</p> <p>Kernel parameters as determined by the HPjconfig utility.</p> <p>To run Sterling Integrator 5.0 with MySQL database and HP-UX 11.31 combination requires the following patches:</p> <ul style="list-style-type: none"> <li>• PHCO_37128 libc manpage cumulative patch</li> <li>• PHCO_38044 libc cumulative header file patch</li> <li>• PHCO_38658 libc cumulative patch</li> </ul>	Not Supported	Yes
<p>HP-UX 11.31 for IA64 (Itanium)</p> <p>Requires Sterling Integrator, Release 5.0 Build 5002 or later.</p>	<ul style="list-style-type: none"> <li>• HP-UX JDK Build 1.5.0.12 (64-bit)</li> <li>• HP-UX JDK Build 1.5.0_19 (64-bit)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5006 or later.</p> <ul style="list-style-type: none"> <li>• HP-UX JDK Build 1.5.0_28 (64-bit)</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5010 or later.</p> <p>Patch requirements as determined by the HPjconfig utility.</p> <p>Kernel parameters as determined by the HPjconfig utility.</p> <p>To run Sterling Integrator 5.0 with MySQL database and HP-UX 11.31 combination requires the following patches:</p> <ul style="list-style-type: none"> <li>• PHCO_37128 libc manpage cumulative patch</li> <li>• PHCO_38044 libc cumulative header file patch</li> <li>• PHCO_38658 libc cumulative patch</li> </ul>	Not Supported	Yes
<p>Red Hat Enterprise Linux AS or ES Release 4 (x64/x86 32-bit kernel only)</p>	<ul style="list-style-type: none"> <li>• IBM 1.5.0 SR7 build pxi32dev-20080315</li> <li>• IBM 1.5.0 SR10 build pxi32devifx-20090811</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5006 or later.</p> <ul style="list-style-type: none"> <li>• IBM 1.5.0 SR16 build pxi32devifx-20130304</li> </ul> <p>Requires Sterling Integrator, Release 5.0 Build 5010 or later.</p> <p>Minimum kernel version: 2.6.9-42.0.10.ELsmp(32-bit only)</p> <p>Minimum glibc version: 2.3.4-2.25</p>	Yes	Not Supported

UNIX/Linux	JDK Requirements	32-Bit OS	64-Bit OS
Red Hat Enterprise Linux AS or ES Release 5 (x64/x86 64-bit kernel only)	<ul style="list-style-type: none"> <li>• IBM 1.5.0 SR7 (64 bit) build pxa64dev-20080315</li> <li>• IBM 1.5.0 SR10 (64-bit) build pxa64devifx-20090811</li> </ul> Requires Sterling Integrator, Release 5.0 Build 5006 or later. <ul style="list-style-type: none"> <li>• IBM 1.5.0 SR16 build pxi32devifx-20130304</li> </ul> Requires Sterling Integrator, Release 5.0 Build 5010 or later. Minimum kernel version: 2.6.18-92.1.6.el5 Minimum glibc version: 2.5-18	Not Supported	Yes
SUSE Linux Enterprise Server 9 (x64/x86 32-bit kernel only)	<ul style="list-style-type: none"> <li>• IBM JDK 1.5.0 build pxi32dev-20080315</li> <li>• IBM 1.5.0 SR10 build pxi32devifx-20090811</li> </ul> Requires Sterling Integrator, Release 5.0 Build 5006 or later. <ul style="list-style-type: none"> <li>• IBM 1.5.0 SR16 build pxi32devifx-20130304</li> </ul> Requires Sterling Integrator, Release 5.0 Build 5010 or later. Minimum kernel version: 2.6.5-7.283 (32-bit only) Minimum glibc version: 2.3.3-98.73	Yes	Not Supported
SUSE Linux Enterprise Server 10 (x64/x86 64-bit kernel only) Requires Sterling Integrator, Release 5.0 Build 5001 or later.	<ul style="list-style-type: none"> <li>• IBM JDK 1.5.0 SR 7 (64-bit) build pxa64dev-20080315</li> <li>• IBM 1.5.0 SR10 (64-bit) build pxa64devifx-20090811</li> </ul> Requires Sterling Integrator, Release 5.0 Build 5006 or later. <ul style="list-style-type: none"> <li>• IBM 1.5.0 SR16 build pxi32devifx-20130304</li> </ul> Requires Sterling Integrator, Release 5.0 Build 5010 or later. Minimum kernel version: 2.6.16.21-0.8-smp Minimum glibc version: 2.4-31.2	Not Supported	Yes

## Download UNIX/Linux JDKs

Download JDK-related files from the following web sites:

- Download Solaris SPARC patches for Solaris 9 and 10 from <http://www.oracle.com/technetwork/systems/patches/overview/index.html>.
- Download the HPjconfig tool for HP-UX systems and HP JDK versions from <https://h20392.www2.hp.com/portal/swdepot/displayProductsList.do?category=JAVA>.
- Download Sun, AIX, and Linux JDK versions using the instructions in:
  - [Download Oracle JDKs](#) on page 16
  - [Download the AIX JDK](#) on page 16
  - [Download the Linux JDK](#) on page 17

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**Note:** IBM redistributes certain JDKs from original vendors. You can find these JDKs under the `/jdk` directory structure in either downloaded or physical media.

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## Download Oracle JDKs

To download the Oracle JDK, perform the following tasks:

1. Go to <http://www.oracle.com/technetwork/java/archive-139210.html>.
2. Under **Java SE**, click the desired option, **Java SE 5** for JDK 1.5.0 or **Java SE 6** for JDK 1.6.0.
3. Locate the **Java SE Development Kit** section for the version you need. For example, 5u41 or 6u43.
4. In that section, select **Accept License Agreement**.
5. Locate the appropriate product in the section and click the associated file link in the **Download** column to download the file.

## Download the AIX JDK

To download the AIX JDK, perform the following tasks:

1. Go to the main AIX download Web page at <http://www.ibm.com/developerworks/java/jdk/aix/service.html>.
2. In the **Java SE Version x** section, click the **Java x 64-bit** link.
3. Sign in to the IBM Web site.  
The download page appears.
4. Choose whether to download the JDK using either the IBM Download Director or http.
5. At the bottom of the page, under the **IBM 64-bit SDK for AIX, vx, GA base images (pap64dev-xxxxxxx)** **AIX installp / smit install** section, select one of the following files (depending on your file format preference):
  - Javax\_64.sdk.tar
  - Javax\_64.sdk.tar.gz

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**Note:** This file is the latest package. You must download the GA package, and then apply the patch to the correct version.

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6. Apply patch to the GA installation to get it up to the correct SR version by first going back to the main AIX download page (<http://www.ibm.com/developerworks/java/jdk/aix/service.html>).
7. Under the **Java x 64-bit** section, click **Fix Info** link.
8. Refer to the **Java x 64-bit fixes since GA** table. Find the entry for the needed SR version.
9. Click the appropriate link.  
The **Packaging** options page appears.
10. Select the download option.
11. Select your operating system level.
12. Click **Continue**.  
The **Package results** page appears.
13. The **Package results** page lists two files in the download package:
  - Java5\_64.sdk.5.0.0.xxx
  - Java5\_64.source.5.0.0.xxx
14. Download the files using one of the following methods:



- Together using Java applet or FTP
  - Individually using HTTP or FTP
15. Install the GA image that you downloaded above.
  16. Install the java5\_64.sdk.5.0.0.xxx patch file.
  17. Once installed, check the java version by running the following command:  

```
/usr/java5/bin/java -version
```

The result should show the correct SR version as the installed version.

## Download the Linux JDK

To download the Linux JDK, perform the following tasks:

1. Go to the Linux download page at <https://www14.software.ibm.com/webapp/iwm/web/preLogin.do?source=sd5&SPKG=ipseries325sr>.
2. Sign in to the IBM Web site.  
The download page appears.
3. Select the appropriate build for your hardware and operating system.
4. Click **Continue** at the bottom of the page.
5. Choose whether to download the JDK using either the IBM Download Director or http.
6. Under the SDK section, select a download file, based on your file format preference.
7. Click **Download now**.
8. Install the file that you just downloaded.

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## Windows Requirements

The topic covers the minimum system requirements and other information, needed to install and run Sterling Integrator on a Windows platform:

- [Windows Client System](#) on page 17
- [Windows Server Host System](#) on page 18
- [Windows JDK Requirements](#) on page 18

## Windows Client System

This topic covers the Windows client system requirements.

At a minimum, a Windows client system requires:

- CD-ROM drive
- Pentium® or equivalent processor
- 400 MHz processor speed
- Color VGA or SVGA monitor
- Microsoft Internet Explorer 6.x, 7.x, or 8.x only
- 256 MB RAM (1 GB is recommended for mapping clients with maps that have more than 20,000 objects)
- 1 GB free disk space
- Adobe Acrobat Reader 6.0 or later

## Windows Server Host System

This topic covers the Windows server host system requirements.

At a minimum, a Windows Server host system requires:

- 2 GB RAM
- 10 GB free disk space
- Processor
  - Windows Server 2003 - Pentium III 1.3 GHz
  - Windows Server 2008 - 1.4 GHz (x64 processor)
- Additional resources are needed if you are:
  - Database system requirements – Refer to the documentation you received with the database server to determine the minimum system requirements.
  - File system space, if you use the option to store documents on the file system or if you use MySQL as your database. The amount of space needed will vary depending on the size of documents to be stored and the length of time you choose to retain documents on the file system.
  - For perimeter server requirements, see *Perimeter Server Requirements (UNIX/Linux and Windows)* on page 23.

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**Note:** Contact Microsoft for help installing Windows Server 2003 and Windows Server 2008.

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## Windows JDK Requirements

This topic covers the JDK requirements for installing Sterling Integrator on Windows platform.

The two OS (operating system) columns indicate if the Windows vendor has a 32-bit or a 64-bit operating system.

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### Notes:

- JDK 5.0/JDK 6.0 and JDK 1.5.0/JDK 1.6.0 are both names for the same JDK. Version 5.0/6.0 is used in marketing, documentation and other written communication. When you download the JDK, it will be identified on the web page as Java SE Development Kit 5.0u/6u.x. Version 1.5.0/1.6.0 is used in file names. The downloaded JDK file may use the name that appears in the JDK requirements table.
- IBM, Inc. redistributes certain JDKs from original vendors. You can find these JDKs under the `\jdk` directory structure in either downloaded or physical media.

You can download all Oracle JDK versions from <http://www.oracle.com/technetwork/java/archive-139210.html>.

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Windows Server	JDK Requirements	32-Bit OS	64-Bit OS
Windows Server 2003 Enterprise Edition R2 SP2 (32-bit) Windows Server 2003 Standard Edition R2 SP2 (32-bit)	JDK 1.5.0 <ul style="list-style-type: none"><li>• Oracle JDK 1.5.0_15</li><li>• Oracle JDK 1.5.0_22</li></ul> Requires Sterling Integrator, Release 5.0 Build 5006 or later. <ul style="list-style-type: none"><li>• Oracle JDK 1.5.0_41</li></ul>	Yes	No

Windows Server	JDK Requirements	32-Bit OS	64-Bit OS
	Requires Sterling Integrator, Release 5.0 Build 5010 or later.  JDK 1.6.0 • Oracle JDK 1.6.0_14  Requires Sterling Integrator, Release 5.0 Build 5003 or later. • Oracle JDK 1.6.0_43  Requires Sterling Integrator, Release 5.0 Build 5010 or later.		
Windows Server 2008 Enterprise Edition R2 (64-bit)  (Requires Sterling Integrator, Release 5.0 Build 5005 or later.)  Windows Server 2008 Standard Edition R2 (64-bit)  (Requires Sterling Integrator, Release 5.0 Build 5005 or later.)	• Oracle JDK 1.6.0_14 (64-bit) • Oracle JDK 1.6.0_43 (64-bit)	No	Yes

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## iSeries Requirements

This topic covers the minimum system requirements and other information, needed to install and run Sterling Integrator on an iSeries platform:

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**Note:** Sterling Integrator on iSeries uses the DB2 database that is included in OS/400.

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- [iSeries Hardware](#) on page 19
- [iSeries Software](#) on page 20
- [iSeries JDK Requirements](#) on page 20

## iSeries Hardware

This topic covers the iSeries hardware requirements. These requirements are based on Sterling Integrator being the only application running on the system.

- CPU - 1000 CPW (POWER5 or newer processors recommended)
- 2 GB memory (in a private (non-shared) pool dedicated to Sterling Integrator)
- 20 GB DASD (Required for Sterling Integrator plus space for operating system, spool, utilities, and so on.)
- File system space will be needed if you are using the option to store documents on the file system. The amount of space needed will vary depending on the size of documents to be stored and the length of time you choose to retain documents on the file system.

## iSeries Software

This topic covers the software requirements for running Sterling Integrator on iSeries platform.

The following table lists the minimum software requirements for the supported iSeries platforms:

iSeries System	iSeries Software
i5/OS V5R4	<ul style="list-style-type: none"> <li>• 5722-SS1 i5/OS V5R4</li> <li>• 5722-SS1 Option 30 Qshell Interpreter</li> <li>• 5722-SS1 Option 33 PASE (Portable Application Solutions Environment)</li> <li>• 5722-SS1 Option 43 Additional Fonts</li> <li>• 5722-TC1 TCP/IP Connectivity Utilities</li> <li>• 5722-JV1 *BASE Developer Kit for Java</li> <li>• 5722-JV1 Option 7 Java Developer Kit 1.5</li> <li>• 5722-XE1 *BASE IBM eServer iSeries Access for Windows</li> <li>• PTF Groups               <ul style="list-style-type: none"> <li>• SF99540 Level 7226 Cumulative PTF Package</li> <li>• SF99539 Level 54 Hipers</li> <li>• SF99504 Level 12 DB2 UDB</li> <li>• SF99291 Level 9 Java</li> </ul> </li> <li>• Individual PTFs (or their superseding PTFs)               <ul style="list-style-type: none"> <li>• 5722JV1/SI22769</li> </ul> </li> <li>• JDBC driver version V5R4 - SF99504 minimum level 14</li> </ul>
i5/OS V6R1	<ul style="list-style-type: none"> <li>• 5761-SS1 i5/OS V6R1</li> <li>• 5761-SS1 Option 30 Qshell Interpreter</li> <li>• 5761-SS1 Option 33 PASE (Portable Application Solutions Environment)</li> <li>• 5761-TC1 *BASE IBM TCP/IP Connectivity Utilities for i5/OS</li> <li>• 5761-JV1 *BASE IBM Developer Kit for Java</li> <li>• 5722-JV1 Option 7 Java Developer Kit 5.0</li> <li>• 5722-XE1 *BASE IBM System I Access for Windows</li> <li>• PTF Groups               <ul style="list-style-type: none"> <li>• SF99610 Level 9111 Cumulative PTF Package</li> <li>• SF99609 Level 47 Hipers</li> <li>• SF99601 Level 11 DB2 for System I</li> <li>• SF99562 Level 10 Java</li> </ul> </li> </ul>

## iSeries JDK Requirements

This topic covers the JDK requirements for installing Sterling Integrator on iSeries platform.

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**Note:** The iSeries JDK is bundled with the operating system. You do not download the JDK from a web site. You can update the JDK through an operating system update.

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iSeries Server	JDK Requirements
i5/OS V5R4	JDK 1.5 - (A minimum of Level 12 found in WRKPTFGRP - SF99291 L12) For more information, refer to i5/OS V5R4 column in the topic <a href="#">iSeries Software</a> on page 20.
i5/OS V6R1	JDK 1.5 – (A minimum of Level 10 found in WRKPTFGRP – SF99562 L10) For more information, refer to i5/OS V6R1 column in the topic <a href="#">iSeries Software</a> on page 20.

## JCE Requirements (All Platforms)

The following table lists the JCE requirements for all platforms supported by Sterling Integrator:

Operating System	JDK	JCE
UNIX/Linux	Sun	<ul style="list-style-type: none"> <li>For JDK 1.5 use jce_policy-1_5_0.zip (Sun)</li> <li>For JDK 1.6 use jce_policy-6.zip (Sun)</li> </ul>
	IBM	unrestrict142.zip (IBM)
	HP-UX	jce_policy-1_5_0.zip (Sun)
Windows	All	<ul style="list-style-type: none"> <li>For JDK 1.5 use jce_policy-1_5_0.zip (Sun)</li> <li>For JDK 1.6 use jce_policy-6.zip (Sun)</li> </ul>
iSeries	All	unrestrict142.zip (IBM)

## JDBC Driver Requirements (All Databases)

This topic covers the JDBC driver information for all the databases supported by Sterling Integrator.

The following table lists the JDBC drivers that are required with Sterling Integrator:

**Note:** If you are using an Oracle 10.2.x database and set the `plsq1_code_type` parameter to `NATIVE` instead of `INTERPRETED` (default), you should set the `plsq1_native_library_dir` parameter and allocate space for native compilation.

Supported Database Server	JDBC Driver
Oracle® Database 9/ Standard and Enterprise Editions, Release 2 (9.2.0.7 non-RAC through version 9.2.X.X)	10.2.0.2 using ojdbc14.jar

Supported Database Server	JDBC Driver
Oracle Database 10g Standard and Enterprise Editions, Release 1 (10.1.0.4 non-RAC through version 10.X.X.X)	10.2.0.2 using ojdbc14.jar
Oracle Database 10g RAC Standard and Enterprise Editions, Release 1 and Release 2 (10.1.0.4 RAC through version 10.X.X.X)	10.2.0.2 using ojdbc14.jar
Oracle Database 11g Standard and Enterprise Editions, Release 1 (11.1.0.7.0 non-RAC or higher within version 11.X.X.X.X) and Release 2 (11.2.0.2.0 non-RAC or higher within version 11.X.X.X.X)  Requires Sterling Integrator, Release 5.0 Build 5002 or later.	11.X.X.X.X using ojdbc5.jar
Oracle Database 11g Standard and Enterprise Editions, Release 1 (11.1.0.7.0 RAC or higher within version 11.X.X.X.X) and Release 2 (11.2.0.2.0 RAC or higher within version 11.X.X.X.X) . Requires Sterling Integrator, Release 5.0 Build 5004 or later.	11.X.X.X.X using ojdbc5.jar
Microsoft SQL Server™ 2005 Enterprise and Standard Editions (9.00.3159)	JDBC driver version 1.1.1501.200 through 1.1.1501.XXX  Download sqljdbc.jar from <a href="http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnun=925050&amp;kbln=en-us">http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnun=925050&amp;kbln=en-us</a> .
DB2 9.1 FP2	JDBC Type-4 driver version 9.1 (UNIX/Linux and Windows)  Download appropriate driver from <a href="http://www-01.ibm.com/support/docview.wss?rs=71&amp;uid=swg21363866">http://www-01.ibm.com/support/docview.wss?rs=71&amp;uid=swg21363866</a> .
DB2 9.1.4 through version 9.1.x (UNIX/Linux only)	JDBC Type-4 driver version 9.1  Download appropriate driver from <a href="http://www-01.ibm.com/support/docview.wss?rs=71&amp;uid=swg21363866">http://www-01.ibm.com/support/docview.wss?rs=71&amp;uid=swg21363866</a> .
DB2 for iSeries System i5/OS V5R4	Native JDBC driver (included in IBM licensed program 5722-JV1)
DB2 for iSeries System i5/OS V6R1	Native JDBC driver (included in IBM licensed program 5761-JV1)
MySQL 5.0.60 (server and driver bundled with Sterling Integrator)  Requires Sterling Integrator, Release 5.0 Build 5004 or earlier.	mysql-connector-java-com-3.1.13-bin.jar

Supported Database Server	JDBC Driver
MySQL Enterprise Edition 5.0.x and MySQL Enterprise Edition 5.1.45 or higher within version 5.1.x  Requires Sterling Integrator, Release 5.0 Build 5005 or later.	mysql-connector-java-com-5.1.12-bin.jar

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## Perimeter Server Requirements (UNIX/Linux and Windows)

You can install and run perimeter servers in a UNIX/Linux or Windows Server environment.

- Perimeter servers can be co-resident with Sterling Integrator installations or can be installed on remote servers. To take full advantage of the security features of a perimeter server, it should be installed on a different computer than where Sterling Integrator is installed.
- Perimeter servers are supported on the same operating system and JDK combinations as Sterling Integrator. The operating system and JDK version that the perimeter server uses do not need to match the operating system and JDK version of Sterling Integrator.
- Refer to the JDK instructions for the operating system on which you are installing the perimeter server:
  - [UNIX/Linux JDK Requirements](#) on page 11
  - [Windows JDK Requirements](#) on page 18

In addition, each perimeter server requires the following minimum space and memory requirements:

- 100 MB disk space
- 1 GB memory

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## Internet Browser and Plugin Requirements (All Platforms)

This topic covers the Internet browser and plugin requirements.

The following table lists the requirements for the Internet browser and Java plugins:

Internet Browser	Operating System	JRE
Microsoft Windows Internet Explorer 6.x, 7.x, or 8.x only  <b>Notes:</b> If you are running Windows Internet Explorer 8, the following limitations apply: <ul style="list-style-type: none"> <li>• If you are running Windows Internet Explorer 8 on a Windows XP SP3 system, in some cases the document name is passed as null when a file is manually passed for running a business process. Additionally, business processes that use</li> </ul>	<ul style="list-style-type: none"> <li>• Windows Server 2003</li> <li>• Windows Server 2008</li> </ul> Requires Sterling Integrator, Release 5.0 Build 5005 or later.	<ul style="list-style-type: none"> <li>• Java Plug-in 1.5.0</li> <li>• Java Plug-in 1.6.0</li> </ul> Requires Sterling Integrator, Release 5.0 Build 5003 or later.

Internet Browser	Operating System	JRE
<p>the file name to make processing decisions may encounter errors.</p> <ul style="list-style-type: none"> <li>• For all versions of Windows operating systems, the AFT login screen and ws/logout screen display part of the background image towards the right side, but it does not affect the functionality.</li> </ul>		

**Note:** For better visibility of the menu options in the Application Consoles, ensure that the dpi setting is 96 dpi.

## Map Editor and Graphical Process Modeler System Requirements

This topic covers the Map Editor and Graphical Process Modeler (GPM) system requirements.

To run the Map Editor and GPM, your Windows client system requires the following hardware and software:

- Pentium or equivalent processor
- 400 MHz processor speed
- Color VGA or SVGA monitor
- 256 MB RAM (1 GB is recommended for mapping clients with maps that have more than 20,000 objects)
- 1 GB free disk space
- To save your source map as an XML file (.mxi file extension), you must have the Microsoft XML Core Services (MSXML) 4.0 installed on the same computer as Map Editor. If you do not have Microsoft XML Core Services (MSXML) 4.0 installed, you cannot save source maps as .mxi files and must use the .map extension.

To run the Map Editor and GPM, your Windows system requires one of the following operating systems:

- Windows XP
- Windows Server 2003 Standard Edition
- Windows Server 2003 Enterprise Edition
- Windows Server 2008 Standard Edition (Requires Sterling Integrator, Release 5.0 Build 5005 or later)
- Windows Server 2008 Enterprise Edition (Requires Sterling Integrator, Release 5.0 Build 5005 or later)

## Supported Third Party Software

The following table lists the supported third party software bundled along with Sterling Integrator:

Software	Version
XSL Transformations	Version 1.0 with Apache Xalan-Java version 2.7.0
XML Path Language	Version 1.0 with Apache Xalan-Java version 2.7.0



## Change History

The following table lists the changes made to this document on a particular date:

Date	Change
Build 5010 release	Updated UNIX/Linux and Windows JDK version requirements and JDK download instructions for Sterling Integrator, Release 5.0 Build 5010 or later.
09/19/2011	Updated MySQL 5.1.45 to specify MySQL Enterprise Edition 5.1.45. Updated Oracle 11g database versions and JDBC drivers versions.
03/02/2011	Added the following Oracle database note: <ul style="list-style-type: none"> <li>• Support for Oracle databases does not include support for the Oracle Exadata platform.</li> </ul>
02/25/2011	Updated the JCE Requirements for UNIX/Linux and Windows with the following information: <ul style="list-style-type: none"> <li>• For JDK 1.5 use jce_policy-1_5_0.zip (Sun)</li> <li>• For JDK 1.6 use jce_policy-6.zip (Sun)</li> </ul>
09/28/2010	Added support for the following HP, IBM, and Sun JDK versions: <ul style="list-style-type: none"> <li>• HP-UX JDK Build 1.5.0_19 (64-bit) Requires Sterling Integrator, Release 5.0 Build 5006 or later.</li> <li>• IBM 1.5.0 SR10 build pxi32devifx-20090811 Requires Sterling Integrator, Release 5.0 Build 5006 or later.</li> <li>• IBM AIX 1.5.0 (64-bit) build pap64dev-20090707 (SR10) Requires Sterling Integrator, Release 5.0 Build 5006 or later.</li> <li>• Sun JDK 1.5.0_22 (64-bit) Requires Sterling Integrator, Release 5.0 Build 5006 or later.</li> </ul>
08/13/2010	Added JDBC Driver Requirements for the following DB2 database versions: <ul style="list-style-type: none"> <li>• DB2 for iSeries System i5/OS V5R4</li> <li>• DB2 for iSeries System i5/OS V6R1</li> </ul>
06/21/2010	<ul style="list-style-type: none"> <li>• Added support for Windows Server 2008 Standard Edition R2 64-bit. (Requires Sterling Integrator, Release 5.0 Build 5005 or later).</li> <li>• Added support for Windows Server 2008 Enterprise Edition R2 64-bit. (Requires Sterling Integrator, Release 5.0 Build 5005 or later).</li> <li>• Added support for MySQL 5.0.* and MySQL 5.1.* database versions. (Requires Sterling Integrator, Release 5.0 Build 5005 or later).</li> <li>• Added Graphical Process Modeler System Requirements.</li> </ul>
06/11/2010	Added support for Microsoft Internet Explorer 8

Date	Change
05/25/2010	<ul style="list-style-type: none"> <li>• Added support for Oracle Database 11g Standard and Enterprise Editions, Release 1 and Release 2 (11.1.0.0.0 RAC through version 11.X.X.X.X). Requires Sterling Integrator, Release 5.0 Build 5004 or later.</li> <li>• Clarified that Oracle Database 11g Standard and Enterprise Editions, Release 1 and Release 2 (11.1.0.0.0 non-RAC through version 11.X.X.X.X) is supported. Requires Sterling Integrator, Release 5.0 Build 5002 or later.</li> </ul>
03/12/2010	Added <i>Map Editor System Requirements</i> section.
02/26/2010	<ul style="list-style-type: none"> <li>• Added <i>Supported Third Party Software</i> section.</li> <li>• Added <i>Virtualization Support</i> section.</li> </ul>
01/22/2010	<ul style="list-style-type: none"> <li>• Clarified that Sterling Integrator installed on a 32-bit architecture operating system supports a 64-bit architecture database if the database is installed on a separate machine.</li> <li>• Changed Sun JDK 1.6 requirement from <b>JDK/JRE-6.0 Update 4</b> to <b>JDK/JRE-6.0 Update 14</b>.</li> </ul>
12/07/2009	<p>To run Sterling Integrator on Red Hat Enterprise Linux AS or ES Release 5 (x64/x86 64-bit kernel only), the minimum kernel version and minimum glibc version should be:</p> <ul style="list-style-type: none"> <li>• Minimum kernel version: 2.6.18-92.1.6.el5</li> <li>• Minimum glibc version: 2.5-18</li> </ul>
11/02/2009	<ul style="list-style-type: none"> <li>• Added JDK 1.6 support for Sun Solaris and Windows platforms. Requires Sterling Integrator, Release 5.0 Build 5003 or later.</li> <li>• Added support for IBM iSeries i5/OS V6R1. Requires Sterling Integrator, Release 5.0 Build 5003 or later.</li> <li>• Added support for SQL Server 64-bit database.</li> <li>• Added download URL for DB2 database JDBC drivers.</li> <li>• Added minimum kernel and glibc versions for SUSE Linux Enterprise Server 10 (x64/x86 64-bit kernel only). Requires Sterling Integrator, Release 5.0 Build 5001 or later.</li> </ul>
08/21/2009	<ul style="list-style-type: none"> <li>• Added support for HP-UX 11.31 (PA-RISC). Requires Sterling Integrator, Release 5.0 Build 5002 or later.</li> <li>• Added support for HP-UX 11.31 for IA64 (Itanium). Requires Sterling Integrator, Release 5.0 Build 5002 or later.</li> <li>• To run Sterling Integrator 5.0 with MySQL database and HP-UX 11.31 combination requires the following patches: <ul style="list-style-type: none"> <li>• PHCO_37128 libc manpage cumulative patch</li> <li>• PHCO_38044 libc cumulative header file patch</li> <li>• PHCO_38658 libc cumulative patch</li> </ul> </li> </ul>
07/24/2009	<ul style="list-style-type: none"> <li>• Added support for Oracle Database 11g Standard and Enterprise Editions, Release 1 (11.1.0.0.0 non-RAC through version 11.X.X.X.X). Requires Sterling Integrator, Release 5.0 Build 5002 or later.</li> <li>• Applying Sterling Integrator, Release 5.0 Build 5002 includes the latest build for Sterling File Gateway, but does not automatically install it. Sterling File Gateway does not support the following platforms:</li> </ul>

Date	Change
	<ul style="list-style-type: none"> <li>• HP-UX 11.11 (PA-RISC)</li> <li>• HP-UX 11.23 (PA-RISC)</li> <li>• IBM AIX 5.2</li> <li>• Clarified that Sterling File Gateway does not support Oracle Database 9i Standard and Enterprise Editions, Release 2 (9.2.0.7 non-RAC through version 9.2.X.X)</li> </ul>
07/14/2009	Added support for VMware vSphere™.
05/30/2009	<ul style="list-style-type: none"> <li>• Added support for SUSE Linux Enterprise Server 10 (x64/x86 64-bit kernel only). Requires Sterling Integrator, Release 5.0 build 5001 or later.</li> <li>• Applying Sterling Integrator, Release 5.0 build 5001 updates ActiveMQ to version 5.2.</li> <li>• Added support for Microsoft Internet Explorer 7.x.</li> </ul>
04/24/2009	Removed support for IBM iSeries i5/OS V5R3 platform.
03/13/2009	Added a note on MySQL being insensitive for string searches.
02/27/2009	Added Sun JDK download link under Windows JDK Requirements.

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