







**Note**

Before using this information and the product it supports, read the information in "Notices" on page 91.

This edition applies to version 3.6.0 of IBM FileNet Business Activity Monitor (product number 5724-R74), version 3.5.0 of IBM FileNet Process Analyzer (product number 5724-R76), version 3.5.0 of IBM FileNet Process Simulator (product number 5724-R76), versions 3.5.0 and 3.6.0 of IBM FileNet Business Process Manager (product number 5724-R76), versions 5.0 and 5.1 of IBM FileNet Capture (product number 5724-R77), version 3.5.1 of IBM FileNet CFS for Content Services (product number 5724-R93), version 3.5 of IBM FileNet Content Manager (product number 5724-R81), version 3.5.0 of IBM FileNet eForms for P8 (product number 5724-R85), version 4.0 of IBM FileNet Image Services (product number 5724-R95), version 3.5.1 of IBM FileNet Image Services Resource Adapter (product number 5724-R95), version 3.5.0 of IBM FileNet P8 Portlets (product number 5724-S13), versions 3.5.0 and 3.7.0 of IBM FileNet Records Manager (product number 5724-S19), version 3.5.0 of IBM FileNet Rendition Engine (product number 5724-S17), version 3.5.0 of IBM FileNet Team Collaboration Manager (product number 5724-S00) and to all subsequent releases and modifications until otherwise indicated in new editions.

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## Revision log

Date	Revision
06/22/09	<a href="#">Updated support statement for SnapLock-enabled devices</a> <a href="#">Added note about PE and DB2 9.5.1 on UNIX systems</a>
05/08/09	<a href="#">AE and eForms support Red Hat 4.0 on WebSphere 6.1</a> <a href="#">Updated support information for CE on DB2 with Oracle 10g</a> <a href="#">Added DB2 9.5.1 support information</a> <a href="#">Business Activity Monitor (BAM) requirements</a> <a href="#">Updated the JRE support statement</a> <a href="#">Updated server virtualization section</a> <a href="#">Updated Centera SDK support statement</a>
12/17/08	<a href="#">Updated Content and Process Web Services APIs section regarding using vbscript in Active Server Pages (*.asp) to access CE</a> <a href="#">Added BEA WebLogic 9.2 support information for AE</a> <a href="#">Updated Microsoft SQL 2005 support information for PE 3.5.3-001.001</a> <a href="#">Updated the supported minimum levels, required patch updates, and registry key entries for Oracle</a> <a href="#">Added Solaris 10 support information for AE</a> <a href="#">Updated WebSphere 6.1 support information for RM</a> Removed note about potential IS, PE, AE and CE support on HP-UX Itanium processors
07/24/08	<a href="#">Added support information for Remote Services</a> <a href="#">Updated support information for PA</a>
05/27/08	<a href="#">Added PE support information for Microsoft SQL Server 2005</a>
04/25/08	<a href="#">Added CFS-IS section</a> Removed note about PE Java API note supporting Linux
02/27/08	<a href="#">Added qualifying statement regarding PE and Oracle 10g support</a> <a href="#">Added Microsoft Vista as a supported operating system for File Tracker</a> <a href="#">Added Microsoft Vista as a supported operating system for Microsoft Office Integration</a> <a href="#">Added Microsoft SQL 2005 support information</a> <a href="#">Added JBoss 4.2 support information</a> <a href="#">Updated support information for CE WSI, includes Microsoft .NET Framework 2.0</a> <a href="#">Updated operating system and hardware support information for WebSphere 6.1</a> <a href="#">Updated JRE support statement</a>

Date	Revision
11/16/07	<p>Added WebSphere 6.1 support information for AE</p> <p>Added Windows Vista support information for eForms Designer 5.0.1</p> <p>Added information about obtaining documentation and customer support</p> <p>Updated Office Integration support information</p> <p>Updated CFS for third-party connectors support information</p> <p>Updated Oracle 10g support information</p> <p>Updated IS known issues for Server Virtualization Technologies</p> <p>Removed Team Collaboration Manager (TCM) information</p> <p>Replaced Image Services requirements with a reference to the Image Services Hardware and Software requirements document</p>
07/31/07	<p>Added Windows Vista Browser support information</p> <p>Updated Process Analyzer requirements information</p>
06/11/07	<p>Added note about Oracle 10g being introduced in P8CE-3.5.2-005</p> <p>Added AIX 5.3 64-bit support information for remote CE databases using Oracle 9.2.0.x.x</p>
06/06/07	<p>Updated "Collocation support" statement for RE</p> <p>Updated "Back-end server farms" statement for RE</p> <p>Updated Red Hat Linux AS/ES support for Sun Java</p> <p>Added support information for Firefox 2.0</p> <p>Added DB2 support information for Windows</p> <p>Added Oracle 10g support information for CE</p>
04/04/07	<p>Updated EMC Centera support statement</p> <p>Updated NetApp support statement to SnapLock-enabled devices support statement</p> <p>Updated IBM Tivoli support statement to IBM TotalStorage DR550 support statement</p> <p>Added support information for Internet Explorer 7.0</p> <p>Added RM 3.7.0 requirements</p> <p>Added Solaris 10 support statement for AE and IBM WebSphere 6.0</p>
02/09/07	<p>Remove WCM support information</p> <p>Updated the PE/Windows minimum disk space from 230MB to 700MB</p> <p>Added AIX 5.3 ML4/ RS600 as a supported operating system on AE 3.5.1 systems running on BEA WebLogic 8.1</p> <p>Removed support information for ISRA 3.1 (obsolete)</p> <p>Added support information for ISRA 3.3</p> <p>Reformatted tables</p>



Date	Revision
12/08/06	Re-added Windows 2003 SP1 support statement
12/01/06	<p>Added note about Apache HTTPD point releases support</p> <p>Added the following support statements:</p> <p>AIX 5.3 ML4 on PE and AE using IBM WebSphere 5.1.1.4 and 6.0.0</p> <p>DB2 8.2 on AIX 5.3</p> <p>Red Hat Linux AS 4.0 on BEA WebLogic Express Basic 8.1 SP5</p> <p>Windows 2003 R2 on all products</p> <p>Removed statement about alternate JDKs</p> <p>Updated text about running in virtualized environments to include information on testing tools</p>
09/22/06	<p>Added the following JRockit note: "As of AE-3.5.1-004, JRockit JVM is supported for WebLogic 8.1.4 and greater"</p> <p>Modified the following statement about Terminal Services:</p> <p><b>From:</b>            Installation of CE and Process Engine via Terminal Services is <b>not</b> supported</p> <p><b>To:</b>            Installation of CE and Process Engine via Terminal Services is <b>not</b> supported; this includes installation of fix pack updates</p> <p>Updated BAM requirements for the BAM 3.6.0 release</p> <p>Applied updated styles template</p>
09/01/06	<p>Added statement of non-support for direct modification of tablespaces in Database Support section</p> <p>Clarified collocation requirements for Capture 4.1</p> <p>Changed references to Intel® to x86 processor to reflect generic support of similar processors</p> <p>Clarified supported platforms for BAM</p> <p>Updated requirements for CFS for CS and CFS for NTFS</p> <p>Clarified Oracle support information for versions 9.2.0.6 and 9.2.0.7</p> <p>Updated Virtual Server Support section to include Rendition Engine issues</p> <p>Updated ISRA support to version 3.2.1</p> <p>Added Web Farm support for ISRA</p>
07/07/06	<p>Added IBM Tivoli Storage Manager support to Hardware Requirements section</p> <p>Updates Oracle support information</p> <p>Clarifies supported versions of Image Services</p> <p>Updates Server Virtualization support</p>

Date	Revision
06/12/06	<p>Updates Records Manager information</p> <p>Updates Content Engine to release 3.5.2</p> <p>Added information for Content Federated Services (CFS) for Content Services (CS) and Third-Party Repositories</p> <p>Clarifies support for multiple deployments of Application Engine</p> <p>Updates Capture to include Capture 5.0.1 and Capture ADR</p> <p>Updates supported browsers for eForms</p> <p>Updates eForms Designer to version 5.0.0-001</p> <p>Updates information on Citrix support for Application Integration</p>
03/20/06	Added section on 64-bit support
03/02/06	Added clarification for installing Content Engine with a remote database on Solaris
02/02/06	Updated document with new DB2 updates, and additional Solaris platform for PE 3.5.2 support
12/16/05	LDAP Directory Server Support table update for Windows 2003
12/05/05	<p>Added clarification for Records Manager Crystal Server collocation</p> <p>Added information regarding Web Content Manager (WCM) 3.5.0</p> <p>Added information regarding Records Manager 3.5.0</p> <p>Added information regarding Team Collaboration Manager 3.5.0</p>
12/02/05	<p>Added Red Hat Linux AS 3.0 support for specific Application Engine and Portal Server applications</p> <p>Specifies BEA WebLogic versions supported See Application Engine table</p>
11/16/05	Removes Red Hat Linux AS 3.0 from Process Engine support table
10/25/05	Initial release of 3.5.1

## Introduction

The IBM® FileNet® P8 ECM product strategy includes leveraging industry-standard platforms including operating systems, databases, and application servers. In order to provide the best service possible, IBM certifies each of the FileNet P8 products to run on specific versions of these platforms. Periodically, these vendors produce service packs, updates, or patches for their products as a mechanism to provide packaged product fixes, security patches, and minor functionality updates.

## Purpose

This document details FileNet P8 3.5 third-party hardware and software requirements. Use this guide to determine which third-party products are compatible with your FileNet P8 products. In general, each section provides the following information about FileNet P8 component and expansion product requirements:

- Supported software names
- Supported software versions
- Minimum level required for a specific software version
- Newer third-party hardware/software versions that can be installed

FileNet P8 products support the specified minimum version and later unless otherwise noted.

**CAUTION** Even though IBM provides support for newly released versions of third-party service packs and patches, IBM has no control over the content of these software updates and therefore cannot unequivocally guarantee compatibility with our product set. In all cases, you should check the vendor's product specifications for information about the products they support.

## Accessing IBM FileNet documentation, compatibility matrices, and fix packs

To access documentation, compatibility matrices, and fix packs for IBM FileNet products:

1. Navigate to the Product Documentation for FileNet P8 Platform support page.  
<http://www-1.ibm.com/support/docview.wss?rs=3247&uid=swg27010422>.
2. Select a PDF or a Doc Link, whichever is appropriate.

## Contacting customer support

For information about contacting customer support:

1. Navigate to the FileNet Product Family support page:  
<http://www-01.ibm.com/software/data/content-management/filenet-product-family/support.html>.
2. Click **IBM FileNet Support Communications**, or search for a particular support topic under “Enter search terms”.

## Feedback

Your feedback helps us to provide quality information. Send your comments about this publication or any other IBM FileNet documentation by e-mail to [comments@us.ibm.com](mailto:comments@us.ibm.com). Be sure to include the name of the product, the version number of the product, and the name and part number of the book (if applicable). If you are commenting on specific text, include the location of the text (for example, a chapter and section title, a table number, a page number, or a help topic title).

## **Consumability survey**

You are invited to tell IBM how to improve the consumability of software products. If you want to help IBM make FileNet products easier to use, take the Consumability Survey at <http://www.ibm.com/software/data/info/consumability-survey/>.

## Supported platforms for server components

### Application Engine (AE) 3.5.1

**NOTE** For details about 32-bit and 64-bit processor support, see “64-bit support“.

Application Server	Supported Versions	Minimum Level Req'd	Operating System/Hardware
Apache Tomcat	5.0.x.x	5.0.1.8	Solaris 8/SPARC Solaris 9/SPARC Solaris 10/SPARC Windows® Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/x86 processor (P8AE-3.5.1-003 or later)
Apache Tomcat	5.5.x.x	5.5.4.0	Red Hat Linux® AS/ES 3.0/x86 processor Solaris 8/SPARC Solaris 9/SPARC Solaris 10/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/x86 processor (P8AE-3.5.1-003 or later)
JBoss	3.2.x	3.2.0	Solaris 8/SPARC Solaris 9/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/x86 processor (P8AE-3.5.1-003 or later)

**Supported platforms for server components - Application Engine (AE) 3.5.1**

Application Server	Supported Versions	Minimum Level Req'd	Operating System/Hardware
JBoss	4.0.x	4.0.1	Red Hat Linux AS/ES 3.0/x86 processor Solaris 8/SPARC Solaris 9/SPARC Solaris 10/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/ x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/ x86 processor (P8AE-3.5.1-003 or later)
JBoss	4.2.x	4.2.0	Red Hat Linux AS/ES 3.0/x86 processor Solaris 8/SPARC Solaris 9/SPARC Solaris 10/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/ x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/ x86 processor (P8AE-3.5.1-003 or later)
BEA WebLogic ----- Express Basic,  Premium Basic,  Server Advantage,  Server Premium	7.0 SPx	7.0 SP4	Red Hat Linux AS/ES 3.0/x86 processor HP-UX 11i w/Patch BundleB.11.11.0306.1/ PA-RISC AIX® 5.1/ RS6000 AIX 5.2/ RS6000 Solaris 8/SPARC Solaris 9/SPARC Solaris 10/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/ x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/ x86 processor (P8AE-3.5.1-003 or later)

**Supported platforms for server components - Application Engine (AE) 3.5.1**

Application Server	Supported Versions	Minimum Level Req'd	Operating System/Hardware
BEA WebLogic ----- Express Basic, Premium Basic, Server Advantage, Server Premium	8.1 SPx	8.1 SP4  <b>Exception</b> The minimum requirement for Red Hat Linux AS/ES 4.0 is BEA WebLogic 8.1 SP5.	Red Hat Linux AS/ES 3.0/x86 processor Red Hat Linux AS/ES 4.0/x86 processor as of P8AE-3.5.1-005 ( <b>See Exception</b> ) HP-UX 11i w/Patch BundleB.11.11.0306.1/PA-RISC AIX 5.1/ RS6000 AIX 5.2/ RS6000 AIX 5.3 ML4/ RS6000 Solaris 8/SPARC Solaris 9/SPARC Solaris 10/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/ x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/ x86 processor (P8AE-3.5.1-003 or later)
BEA WebLogic ----- Express Basic, Premium Basic, Server Advantage, Server Premium	9.2 SPx	9.2.	Red Hat Linux AS/ES 3.0/x86 processor Red Hat Linux AS/ES 4.0/x86 processor as of P8AE-3.5.1-005 HP-UX 11i w/Patch BundleB.11.11.0306.1/PA-RISC AIX 5.1/ RS6000 AIX 5.2/ RS6000 AIX 5.3 ML4/ RS6000 Solaris 8/SPARC Solaris 9/SPARC Solaris 10/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/ x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/ x86 processor (P8AE-3.5.1-003 or later)

**Supported platforms for server components - Application Engine (AE) 3.5.1**

Application Server	Supported Versions	Minimum Level Req'd	Operating System/Hardware
IBM WebSphere® ----- Base, Express, Network Deployment, WBISF	5.1.1.x	5.1.1.4  <b>Exception</b> WebSphere 5.1.1.10 requires the following fix pack: P8AE-3.5.1-006 or later.	HP-UX 11i w/Patch BundleB.11.11.0306.1/PA-RISC  AIX 5.1/ RS6000 AIX 5.2/ RS6000 AIX 5.3 ML4/RS6000 Solaris 8/SPARC Solaris 9/SPARC Solaris 10/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/ x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/ x86 processor (P8AE-3.5.1-003 or later)
IBM WebSphere ----- Base, Express, Network Deployment, WBISF	6.0.x.x	6.0.0.0  <b>Exception</b> WebSphere 6.0.2.0 requires the following fix pack: P8AE-3.5.1-006 or later.	HP-UX 11i w/Patch BundleB.11.11.0306.1/PA-RISC  AIX 5.2/ RS6000 AIX 5.3 ML4/RS6000 Red Hat Linux AS/ES 3.0/x86 processor Solaris 8/SPARC Solaris 9/SPARC Solaris 10/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/ x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/ x86 processor (P8AE-3.5.1-003 or later)



**Supported platforms for server components - Application Engine (AE) 3.5.1**

Application Server	Supported Versions	Minimum Level Req'd	Operating System/Hardware
IBM WebSphere	6.1	6.1.0.7	HP-UX 11i w/Patch BundleB.11.11.0306.1/PA-RISC AIX 5.2/ RS6000 AIX 5.3 ML4/RS6000 Red Hat Linux AS/ES 3.0/x86 processor Red Hat Linux AS/ES 4.0/x86 processor Solaris 8/SPARC Solaris 9/SPARC Solaris 10/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/ x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/ x86 processor (P8AE-3.5.1-003 or later)
Sun Java™ ----- Platform, Standard, Enterprise	8.1 SPx	8.1  <b>Exception</b> If you apply the P8AE- 3.5.1-006 fix pack, you must also install the P8AE-3.5.1- 006.001 Interim fix.	Solaris 8/SPARC Solaris 9/SPARC Solaris 10/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/ x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/ x86 processor (P8AE-3.5.1-003 or later)  Red Hat Linux AS/ES 3.0/x86 processor as of P8AE-3.5.1-005

**Supported platforms for server components - Application Engine (AE) 3.5.1**

Application Server	Supported Versions	Minimum Level Req'd	Operating System/Hardware
Oracle 10g <sup>1</sup>	10.1.2.x.x	10.1.2.0.0  <b>Exception</b> Oracle 10g Release 2 Version 10.1.2.0.0 requires Oracle patch #3412804.	Solaris 8/SPARC Solaris 9/SPARC Solaris 10/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/x86 processor (P8AE-3.5.1-003 or later)

**NOTE** For more information, see [Java support](#).

<sup>1</sup> See the Known Issues section of the *IBM FileNet P8 Release Notes* for the latest information about Component Integrator and Process Orchestrator support. To download this document from the IBM support site, see "[Accessing IBM FileNet documentation, compatibility matrices, and fix packs](#)" on page 11.

## Portal Server support

### CAUTION

Portals are not automatically compatible with third-party updates. Therefore, IBM strongly recommends you contact customer support to confirm support of a product release and/or version before you apply a third-party service pack or patch. See ["Contact customer support"](#) on page 11.

**NOTE** For details about 32-bit and 64-bit processor support, see "64-bit support".

Portal Server	Supported Versions	Operating System/Hardware
BEA WebLogic	8.1	Red Hat Linux AS/ES 3.0/x86 processor Solaris 8/SPARC Solaris 9/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/x86 processor
IBM WebSphere	5.1.0.1	Solaris 8/SPARC Solaris 9/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/x86 processor

## Application/Web server layer

FileNet P8 3.5 runs within the J2EE environments specified earlier.

IBM supports the version of the Java Developer Kit (JDK) that is installed with supported application servers. All later service packs will be supported when they are made generally available by the application server vendors.

### NOTES

- 64-bit versions of the JREs are not supported.
- As of AE-3.5.1-004, JRockit JVM is supported for WebLogic 8.1.4 and greater.

## Content Engine (CE) 3.5.2

**NOTE** For details about 32-bit and 64-bit processor support, see "64-bit support".

Operating System	Supported Versions	Minimum Level Req'd	Other	Hardware
Microsoft® Windows Server 2000 ----- Server, Advanced, Datacenter	SPx	SP4	Apache HTTPD v2.0.54 or later for SOAP listener (2.0.x) JRE 1.4.1.01 – private copy Microsoft IIS 5.0 (required only for WebDAV ) MDAC 2.8 Security Patch MS04-003 Microsoft Windows Domain Controller	x86 processor
Microsoft Windows Server 2003 ----- Standard, Enterprise, Datacenter	SPx	SPx	Apache HTTPD v2.0.54 or later for SOAP listener (2.0.x) JRE 5.0 (1.5.0.3) – private copy Microsoft IIS 6.0 (required only for WebDAV ) MDAC 2.8 Security Patch MS04-003 Microsoft Windows Domain Controller	x86 processor
Microsoft Windows Server 2003 R2 ----- Standard, Enterprise, Datacenter  <b>Exception</b> Applies to the P8CE-3.5.2-002 fix pack and later.	R2	R2	Apache HTTPD v2.0.54 or later for SOAP listener (2.0.x) JRE 5.0 (1.5.0.3) – private copy Microsoft IIS 6.0 (required only for WebDAV ) MDAC 2.8 Security Patch MS04-003 Microsoft Windows Domain Controller	x86 processor

### NOTES

- Workgroup and Microsoft Active Directory Application Mode are not supported as an alternative. You must install CE in a Windows domain.
- IBM supports all Apache HTTPD point releases that are equal to or newer than the FileNet P8-shipped version.

## Image Services

For information, see the *IBM FileNet Image Services Compatibility and Dependency Matrix*. To download this document from the IBM support site, see [Accessing IBM FileNet documentation, compatibility matrices, and fix packs](#) on page 11.

### Process Engine (PE) 3.5.2 and 3.5.3

**NOTE** For details about 32-bit and 64-bit processor support, see “64-bit support”.

Operating System	Supported Versions	Minimum Level Req'd	Additional Requirements	Hardware
AIX	5.1.x.x	5.1 ML8	IBM JRE 1.4.1 – private  <b>CAUTION</b> You must receive explicit approval from IBM before you update your private JREs on PE.	RS6000
AIX	5.2.x.x	5.2 ML7	IBM JRE 1.4.1 – private  <b>CAUTION</b> You must receive explicit approval from IBM before you update your private JREs on PE.	RS6000
AIX	5.3.x.x	5.3 ML4	IBM JRE 1.4.1 – private  <b>CAUTION</b> You must receive explicit approval from IBM before you update your private JREs on PE.	RS6000
HP-UX	11.11 v1	Goldbase 11i June 2005	HP JRE 1.4.2_04 – private  <b>CAUTION</b> You must receive explicit approval from IBM before you update your private JREs on PE.  <b>NOTE</b> The following patches must be applied:  PHSS_26560, PHSS_30049, PHKL_32457	
Sun Solaris	8	8	Sun JRE 1.4.2_06 – private  <b>CAUTION</b> You must receive explicit approval from IBM before you update your private JREs on PE.  One of the following for disk partitioning: <ul style="list-style-type: none"><li>• VERITAS Volume Manager 3.x</li><li>• Solstice DiskSuite 4.2.1</li></ul>	SPARC

**Supported platforms for server components - Process Engine (PE) 3.5.2 and 3.5.3**

Operating System	Supported Versions	Minimum Level Req'd	Additional Requirements	Hardware
Sun Solaris	9	9	<p>Sun JRE 1.4.2_06 – private</p> <p><b>CAUTION</b> You must receive explicit approval from IBM before you update your private JREs on PE.</p> <p>One of the following for disk partitioning:</p> <ul style="list-style-type: none"> <li>• VERITAS Volume Manager 3.x</li> <li>• Solaris Volume Manager 11.9.0</li> </ul>	SPARC
Microsoft Windows Server 2000 ----- Server, Advanced, Datacenter	SPx	SP4	<p>Sun JRE 1.4.2_06 – private</p> <p><b>CAUTION</b> You must receive explicit approval from IBM before you update your private JREs on PE.</p>	x86 processor
Microsoft Windows Server 2003 ----- Standard, Enterprise, Datacenter	SPx	SP1	<p>Sun JRE 1.4.2_06 – private</p> <p><b>CAUTION</b> You must receive explicit approval from IBM before you update your private JREs on PE.</p>	x86 processor
Microsoft Windows Server 2003 R2 ----- Standard, Enterprise, Datacenter	R2	R2	<p>Sun JRE 1.4.2_06 – private</p> <p><b>CAUTION</b> You must receive explicit approval from IBM before you update your private JREs on PE.</p> <p><b>Exception</b> Applies to the P8PE-3.5.2 fix pack and later.</p>	x86 processor

**NOTES**

- HP environments require the installation of the appropriate Java patches for your operating system. They can be downloaded from <http://www.hp.com/products1/unix/java/patches/index.html>
- Private JRE builds allow proper execution of the FileNet P8 components regardless of the version of JRE installed on the target machine.

## Rendition Engine 3.5.1

### CAUTION

Rendition Engine 3.5.1 is not automatically compatible with third-party updates. Therefore, IBM strongly recommends you contact customer support to confirm support of a product release and/or version before you apply a third-party service pack or patch. See "[Contact customer support](#)" on page 11.

**NOTE** For details about 32-bit and 64-bit processor support, see "64-bit support".

Operating System	Supported Versions	Minimum Level Req'd	Additional Requirements	Hardware
Microsoft Windows Server 2000 ----- Server, Advanced, Datacenter  English version of OS only	SPx	SP4	MDAC 2.8 - Security Patch MS04-003  One of the following: <ul style="list-style-type: none"> <li>• Microsoft Internet Explorer 6.0</li> <li>• Microsoft XML 3.0</li> </ul>	x86 processor
Microsoft Windows Server 2003 ----- Standard, Enterprise, Datacenter	SPx	SP1	MDAC 2.8 - Security Patch MS04-003  One of the following: <ul style="list-style-type: none"> <li>• Microsoft Internet Explorer 6.0</li> <li>• Microsoft XML 3.0</li> </ul>	x86 processor
Microsoft Windows Server 2003 R2 ----- Standard, Enterprise, Datacenter	SPx	Base Release	MDAC 2.8 - Security Patch MS04-003  One of the following: <ul style="list-style-type: none"> <li>• Microsoft Internet Explorer 6.0</li> <li>• Microsoft XML 3.0</li> </ul>	x86 processor

**Supported platforms for server components - Rendition Engine 3.5.1**

Formats	Supported Versions	Minimum Level Req'd
HTML	Microsoft Office 2000 SPx (Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Visio) Microsoft Office XP SPx (Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Visio) Microsoft Office 2003 SPx (Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Visio) Corel Word Perfect 12.0	Microsoft Office 2000 SP3  Microsoft Office XP SP3  Microsoft Office 2003  Word Perfect 12
PDF	Adobe® FrameMaker 7.1 Adobe FrameMaker+SGML 6.0 Adobe Illustrator 10.0 Adobe PageMaker 7.0 Adobe Photoshop 7.0 AutoCAD 2004 Bentley View CambridgeSoft Chemdraw 8.0 Cimmetry Systems AutoVue 17.1 Corel WordPerfect 12.0 Lotus® 123 Version 9.8 Lotus Freelance 9.8 Lotus WordPro 9.8 MDL ISIS Draw 2.4/2.5 Microsoft Office 2000 SP3 (Excel, PowerPoint, and Word) Microsoft Office 2003 SP1 (Excel, PowerPoint, Project, Word and Visio) Microsoft Office XP SP3 (Excel, PowerPoint, Project, and Word) Microsoft Visio Professional 2000 SP1 QuarkXPress 4.1	N/A



## Database support

### CAUTION

FileNet P8 does *not* support direct modification of database values in FileNet P8-created tablespaces. Therefore, use only FileNet P8-provided tools or API calls to update these database values.

### Basic support for Microsoft SQL Server

Microsoft SQL Server <sup>2</sup>		Content Engine – Local DB	Content Engine – Remote DB	Process Engine – Local DB	Process Engine – Remote DB	Process Analyzer – Local/Remote DB	Capture – Batch Scanning	eForms – Data Lookups/Submits	Rendition Engine	CFS for CS & CFS Third Party 3.5.1 <sup>3</sup>
Supported versions / operating systems	Minimum Level Req'd									
SQL Server 2000, SPx <b>Standard Edition</b>  Microsoft Windows Server 2000 Family SPx  Microsoft Windows Server 2003 Family SPx  Microsoft Windows Server 2003 R2 Family	SQL Server 2000, SP4	Y	Y	Y	Y <sup>4</sup>	N	Y	Y	Y	Y

<sup>2</sup> For Image Services (IS) database requirements, see the *IBM FileNet Image Services Compatibility and Dependency Matrix*. To download this document from the IBM support site, see "[Accessing IBM FileNet documentation, compatibility matrices, and fix packs](#)" on page 11.

<sup>3</sup> NTFS is the only supported third-party connector.

<sup>4</sup> Remote Microsoft SQL Server configurations are not available with UNIX-based PEs (Image Services Remote).

**Supported platforms for server components - Database support**

<b>Microsoft SQL Server<sup>2</sup></b>		Content Engine – Local DB	Content Engine – Remote DB	Process Engine – Local DB	Process Engine – Remote DB	Process Analyzer – Local\Remote DB	Capture – Batch Scanning	eForms – Data Lookups\Submits	Rendition Engine	CFS for CS & CFS Third Party 3.5.1 <sup>3</sup>
<b>Supported versions / operating systems</b>	<b>Minimum Level Req'd</b>									
SQL Server 2000, SPx <b>Enterprise Edition</b>  Microsoft Windows Server 2000 Family SPx  Microsoft Windows Server 2003 Family SPx  Microsoft Windows Server 2003 R2 Family	SP4	Y	Y	Y	Y	Y	Y	Y	Y	
SQL Server 2005, SPx <sup>5</sup> <b>Enterprise Edition</b>  Microsoft Windows Server 2003 Family SPx  Microsoft Windows Server 2003 R2 Family	Initial Release	Y	Y	Y <sup>6</sup>	Y <sup>6</sup>	Y	N	Y	N	N

<sup>5</sup> Introduced in P8CE-3.5.2-011.

<sup>6</sup> Introduced in P8PE-3.5.3-001.001. MS SQL 2005 is supported only for upgrades from MS SQL 2000.

**Basic support for Oracle**

Oracle <sup>2</sup>		Content Engine – Local DB	Content Engine – Remote DB	Process Engine – Local DB	Process Engine – Remote DB	Process Analyzer – Local/Remote DB	Capture – Batch Scanning	eForms – Data Lookups/Submits	Rendition Engine	CFS for CS & CFS Third Party 3.5.1 <sup>3</sup>
Supported versions /operating systems	Minimum Level Req'd									
9.2.0.x.x <b>Standard and Enterprise Editions on:</b> Microsoft Windows Server 2000 Family SPx Microsoft Windows Server 2003 Family SPx Microsoft Windows Server 2003 R2 Family	9.2.0.8.0 Plus all of the required patches as specified in the " <a href="#">Required patch updates and registry entries</a> " tables, starting on page 29.	Y	Y	Y	Y	N	Y	Y	Y	Y
Solaris, 8 or 9 64-bit HP-UX 11i, 64-bit AIX, 5.1 or 5.2 64-bit		N/A	Y	Y	Y	N	N	Y	Y	Y
AIX, 5.3, 64-bit		N/A	Y	N	N	N	N	N	N	N
Red Hat Linux AS/ES 3.0		N	Y	N	Y	N	N	N	Y	N

**Supported platforms for server components - Database support**

Oracle <sup>2</sup>		Content Engine – Local DB	Content Engine – Remote DB	Process Engine – Local DB	Process Engine – Remote DB	Process Analyzer – Local\Remote DB	Capture – Batch Scanning	eForms – Data Lookups\Submits	Rendition Engine	CFS for CS & CFS Third Party 3.5.1 <sup>3</sup>
Supported versions /operating systems	Minimum Level Req'd									
10.2.x.x <b>Standard and Enterprise Editions on:</b> Microsoft Windows Server 2003 Family SP2 and higher	10.2.0.4 <sup>7</sup>  Plus all of the required patches as specified in the “ <a href="#">Required patch updates and registry entries</a> ” tables, starting on page 29.	Y	Y	Y	Y	N	N	N	N	N
Microsoft Windows Server 2003 R2 Family		Y	Y	Y	Y	N	N	N	N	N
Solaris 8, 64-bit		N	N	Y	Y	N	N	N	N	N
Solaris 9, 64-bit HP-UX 11i, 64-bit		Y	Y	Y	Y	N	N	N	N	N
AIX, 5.1 or 5.2 64-bit		N	N	Y	Y	N	N	N	N	N
AIX 5.3, 64-bit		Y	Y	Y	Y	N	N	N	N	N

<sup>7</sup> Introduced in P8CE-3.5.2-005 and P8PE-3.5.3.

## Required patch updates and registry key entries

The following table lists the patch updates and the registry key entries that are required for each of the minimum supported versions of Oracle.

### ATTENTION

- Install the patch updates in the order that they are listed, which is the order that was specified by Oracle support.
- Follow the instructions in each Oracle patch readme carefully. Particularly, do not overlook running such scripts as catpatch.sql and oramtsadmin.sql to update system catalogs if a readme indicates to run them.
- The registry key entries will still be required for release levels that are greater than the specified minimums, until otherwise specified by Oracle.

Oracle 9i – version 9.2.0.8.0	Oracle 10g – version 10.2.0.4
<b>Database server</b>	<b>Database server</b>
<b>9.2.0.8.0 Patch Set 4547809</b> <b>9.2.0.8.0 Patch 19(Windows 32-bit 7047026)</b> Non-Windows operating systems: Use the latest patch set for that operating system.	<b>10.2.0.4 Patch Set 6810189</b>
<b>CE object store service machines</b>	<b>CE object store service machines</b>
<b>9.2.0.8.0 Client/Server Patch Set 4547809</b> Install this patch on the client machine to update low-level components. <b>9.2.0.8.0 Oracle Provider for OLE DB Patch 6643875</b> Install this patch only after OLE DB 9.2.0.1.0 (or later) has been installed. <b>9.2.0.8.0 ODP.NET Patch 6643687</b> Install this patch only if you are using ODP.NET. CE does not require ODP.NET. <b>9.2.0.7.0 OraMTS 4622171</b> This is an ODAC bundle. Install only the Oracle services for MTS from this patch. <b>9.2.0.7.99 OraMTS 4768819</b> Apply this patch on top of any previous 9.2.0.7.0 OraMTS patch for the latest OraMTS. <b>9.2.0.8.0 Patch 19 (7047026)</b> <b>Create the following required Oracle registry entry under:</b> HKEY_LOCAL_MACHINE\SOFTWARE\ORACLE\HOMEx Add a new string value: ORAMTS_ABORT_MODE With this value data: ORAMTS_ABORT_MODE_NEW_CONN_ONLY	<b>10.2.0.4 Client/Server Patch Set 6810189</b> Install this patch on the client machine to update low-level components. <b>10.2.0.4.0 Patch 2 (7006942)</b> <b>Create the following required Oracle registry entry under:</b> HKEY_LOCAL_MACHINE\SOFTWARE\ORACLE <b>NOTE</b> This is not under KEY_OraClient10g_Homex. Add a new string value: ORAMTS_ABORT_MODE With this value data: ORAMTS_ABORT_MODE_NEW_CONN_ONLY

**Basic support for IBM DB2**

IBM DB2® <sup>2</sup>		Content Engine – Local DB	Content Engine – Remote DB	Process Engine – Local DB	Process Engine – Remote DB	Process Analyzer – Local/Remote DB	Capture – Batch Scanning	eForms – Data Lookups/Submits	Rendition Engine	CFS for CS & CFS Third Party 3.5.1 <sup>3</sup>
Supported version / operating systems	Minimum Level Req'd									
8.2.x.x <b>Standard and Enterprise Editions on:</b>  Microsoft Windows Server 2000 Family SPx  Microsoft Windows Server 2003 Family SPx  Microsoft Windows Server 2003 R2 Family	8.2.1.0	Y	Y	N	Y	N	N	Y	N	N
<b>Enterprise Server Edition (64-bit) on:</b>  AIX 5.2 ML3 plus APAR IY59082 or later  AIX 5.3 ML4		N/A	Y	N	Y	N	N	Y	N	Y <sup>8</sup>
<b>Enterprise Server Edition (64-bit) on:</b>  Solaris, 8 and 9		N/A	Y	N	Y	N	N	Y	N	Y

<sup>8</sup> AIX 5.3 is supported with CFS-CS and CFS-Third-Party (NTFS).

<b>IBM DB2®<sup>2</sup></b>										
<b>Supported version / operating systems</b>	<b>Minimum Level Req'd</b>	<b>Content Engine – Local DB</b>	<b>Content Engine – Remote DB</b>	<b>Process Engine – Local DB</b>	<b>Process Engine – Remote DB</b>	<b>Process Analyzer – Local/Remote DB</b>	<b>Capture – Batch Scanning</b>	<b>eForms – Data Lookups/Submits</b>	<b>Rendition Engine</b>	<b>CFS for CS &amp; CFS Third Party 3.5.1<sup>3</sup></b>
9.5.x.x  FileNet P8 supports the operating systems that the database vendor supports.  For more information, see the database vendor documentation.	9.5.1	Y <sup>9</sup>	Y <sup>9</sup>	Y <sup>9, 10</sup>	Y <sup>9, 10</sup>	N	N	N	N	N

<sup>9</sup> Support for DB2 9.5.1 was introduced in P8CE-3.5.2-016 and P8PE-3.5.3-002.

<sup>10</sup> UNIX systems require a DB2 8.2.x client that is installed in the default installation path.

### **IBM DB2 support information**

- IBM DB2 versions 8.1.8 and 8.2.1 are the minimum supported DB2 releases.
- IBM DB2 Universal Database Version 8.2 fix pack 1 is equivalent to IBM DB2 Universal Database Version 8.1 FixPak 8.
- IBM DB2 Universal Database Version 8.2 fix pack 2a is equivalent to IBM DB2 Universal Database 8.1 FixPak 9a.
- Hotfix 14373 must be applied to Windows 2000 and Windows 2003 clients after FixPak 9a has been installed. This applies to both the Runtime and the Admin client.
- IBM DB2 Universal Database Version 8.2 fix pack 3 is equivalent to IBM DB2 Universal Database 8.1 FixPak10.
- Solaris systems require tcp patch 118305-06.



## Supported platforms for (optional) server components

### eForms Server

FileNet P8 eForms supports the same platforms as AE supports.

See [Supported platforms for server components > Application Engine 3.5.1](#) on page 13.

### eForms Print Services

Operating System	Supported Versions	Minimum Level Req'd	Additional Requirements	Hardware
Microsoft Windows Server 2000 ----- Server, Advanced, Datacenter	SPx	SP4	.NET Framework 1.1 IIS 5.0 or later.	x86 processor
Microsoft Windows Server 2003 ----- Standard, Enterprise, Datacenter	SPx	Base Release	.NET Framework 1.1 IIS 5.0 or later.	x86 processor
Microsoft Windows Server 2003 R2 ----- Standard, Enterprise, Datacenter	SPx	R2	.NET Framework 1.1 IIS 5.0 or later.	x86 processor

**Supported platforms for (optional) server components - Image Services Resource Adapter (ISRA)****Image Services Resource Adapter (ISRA)****ISRA 3.2.1**

Application Server	Supported Versions	Minimum Level Req'd	Operating System	ISRA Version	IS Version <sup>11</sup>
BEA WebLogic ----- Server Advantage,  Server Premium	7.0 SPx	7.0 SP4	Microsoft Windows Server 2000 SP4 Microsoft Windows Server 2003 SP1 AIX 4.3.3.x AIX 5.1.x.x AIX 5.2.x.x HP-UX 11i v1 Solaris 8 (SPARC) Solaris 9 (SPARC)	3.2.1	3.6 SP3 and later 4.0 SP1 and later
BEA WebLogic ----- Server Advantage,  Server Premium	8.1 SPx	8.1 SP4	Microsoft Windows Server 2000 SP4 Microsoft Windows Server 2003 SP1 Microsoft Windows Server 2003 R2 AIX 4.3.3.x AIX 5.1.x.x AIX 5.2.x.x Red Hat Linux AS 3 HP-UX 11i v1 Solaris 8 (SPARC) Solaris 9 (SPARC)	3.2.1	3.6 SP3 and later 4.0 SP1 and later
IBM WebSphere ----- Base,  Express, Network Deployment,  WBISF	5.1.x	5.1.0	Microsoft Windows Server 2000 SP4 Microsoft Windows Server 2003 SP1 Microsoft Windows Server 2003 R2 AIX 4.3.3.x AIX 5.1.x.x AIX 5.2.x.x HP-UX 11i v1 Solaris 9 (SPARC)	3.2.1	3.6 SP3 and later 4.0 SP1 and later

<sup>11</sup> Except as noted, you can use fix pack releases, service packs, and minor releases of IS that are more current than the ones listed.

**Supported platforms for (optional) server components - Image Services Resource Adapter (ISRA)**

Application Server	Supported Versions	Minimum Level Req'd	Operating System	ISRA Version	IS Version <sup>11</sup>
IBM WebSphere ----- Base,  Express,  Network Deployment,  WBISF	6.0.x	6.0.2	Microsoft Windows Server 2000 SP4 Microsoft Windows Server 2003 SP1 AIX 4.3.3.x AIX 5.1.x.x AIX 5.2.x.x Red Hat Linux AS 3 HP-UX 11i v1 Solaris 8 (SPARC) Solaris 9 (SPARC)	3.2.1	3.6 SP3 and later  4.0 SP1 and later
JBoss	3.2.x	3.2.0	Microsoft Windows Server 2000 SP4 Microsoft Windows Server 2003 SP1 Solaris 8 (SPARC) Solaris 9 (SPARC) Red Hat Linux AS/ES 3.0	3.2.1	3.6 SP3 and later  4.0 SP1 and later
JBoss	4.0.x	4.0.0	Microsoft Windows Server 2000 SP4 Microsoft Windows Server 2003 SP1 Solaris 8 (SPARC) Solaris 9 (SPARC) Red Hat Linux AS/ES 3.0	3.2.1	3.6 SP3 and later  4.0 SP1 and later
Oracle9i	9.0.0.x.x	9.0.0.0.0	Microsoft Windows Server 2000 SP4 Microsoft Windows Server 2003 SP1 AIX 4.3.3.x AIX 5.1.x.x AIX 5.2.x.x HP-UX 11i v1 Solaris 8 (SPARC) Solaris 9 (SPARC) Red Hat Linux AS/ES 3.0	3.2.1	3.6 SP3 and later  4.0 SP1 and later

**Supported platforms for (optional) server components - Image Services Resource Adapter (ISRA)**

Application Server	Supported Versions	Minimum Level Req'd	Operating System	ISRA Version	IS Version <sup>11</sup>
Sun Java ----- Standard, Platform	7.0.x.x  8.1.x.x	7.0  8.1.0.2	Microsoft Windows Server 2000 Server SP4  Microsoft Windows Server 2003 SP1  AIX 4.3.3.x AIX 5.1.x.x AIX 5.2.x.x HP-UX 11i v1  Solaris 8 (SPARC) Solaris 9 (SPARC)  Red Hat Linux AS/ES 3.0	3.2.1	3.6 SP3 and later  4.0 SP1 and later

**ISRA 3.3**

Application Server	Supported Versions	Minimum Level Req'd	Operating System	ISRA Version	IS Version <sup>11</sup>
BEA WebLogic ----- Server Advantage,  Server Premium	9.1  9.2	9.1  9.2	Microsoft Windows Server 2000 SP4  Microsoft Windows Server 2003 SP1  Microsoft Windows Server 2003 R2  AIX 4.3.3.x AIX 5.1.x.x AIX 5.2.x.x AIX 5.3 SP3  Red Hat Linux AS 3  Red Hat Linux AS 4  SUSE Linux Enterprise Server 9  HP-UX 11i v1  Solaris 9 (SPARC) Solaris 10 (SPARC)	3.3	3.6 SP3 and later  4.0 SP1 and later

**Supported platforms for (optional) server components - Image Services Resource Adapter (ISRA)**

Application Server	Supported Versions	Minimum Level Req'd	Operating System	ISRA Version	IS Version <sup>11</sup>
IBM WebSphere ----- Base,  Express,  Network Deployment,  WBISF	5.1.x.x  6.0.x  6.1	5.1.1.0  6.0.0  6.1	Microsoft Windows Server 2000 SP4  Microsoft Windows Server 2003 SP1  Microsoft Windows Server 2003 R2  AIX 5.2.x.x AIX 5.3 SP3 <sup>12</sup>  Red Hat Linux AS 3.0  Red Hat Linux AS 4.0  SUSE Linux Enterprise Server 9  HP-UX 11i v1  Solaris 9 (SPARC) Solaris 10 (SPARC)	3.3	3.6 SP3 and later  4.0 SP1 and later
JBoss	4.x	4.0	Microsoft Windows Server 2000 SP4  Microsoft Windows Server 2003 SP1  Microsoft Windows Server 2003 R2  AIX 5.3 SP3  Red Hat Linux AS/ES 3.0  Red Hat Linux AS/ES 4.0  SUSE Linux Enterprise Server 9  HP-UX 11i v1  Solaris 9 (SPARC) Solaris 10 (SPARC)	3.3	3.6 SP3 and later  4.0 SP1 and later
Oracle 9i (9.0.x)	9.0.x	9.0.0	Microsoft Windows Server 2000 SP4  Microsoft Windows Server 2003 SP1  Microsoft Windows Server 2003 R2  AIX 5.2  AIX 5.3 SP4	3.3	3.6 SP3 and later  4.0 SP1 and later

<sup>12</sup> IBM WebSphere 4.0.x is also supported on AIX 5.3.

**Supported platforms for (optional) server components - Image Services Resource Adapter (ISRA)**

Application Server	Supported Versions	Minimum Level Req'd	Operating System	ISRA Version	IS Version <sup>11</sup>
			Red Hat Linux AS/ES 3.0 Red Hat Linux AS/ES 4.0 HP-UX 11i v1 Solaris 9 (SPARC) Solaris 10 (SPARC)		
Oracle 10g (10.1.x)	10.1.x	10.1.0	Microsoft Windows Server 2000 SP4 Microsoft Windows Server 2003 SP1 Microsoft Windows Server 2003 R2 AIX 5.2 AIX 5.3 SP4 Red Hat Linux AS/ES 3.0 Red Hat Linux AS/ES 4.0 SUSE Linux Enterprise Server 9 HP-UX 11i v1 Solaris 9 (SPARC) Solaris 10 (SPARC)		
Sun Java ----- Standard, Platform	8.1.x  9.0	8.1.0  9.0	Microsoft Windows Server 2000 Server SP4 Microsoft Windows Server 2003 SP1 Microsoft Windows Server 2003 R2 Red Hat Linux AS/ES 3.0 Red Hat Linux AS/ES 4.0 SUSE Linux Enterprise Server 9 HP-UX 11i v1 Solaris 9 (SPARC) Solaris 10 (SPARC)	3.3	3.6 SP3 and later 4.0 SP1 and later

**Supported platforms for (optional) server components - iLog 4.6 Rules Engine****NOTES**

- Dependencies: crimson.jar Version 1.1.3. (This .jar file contains the implementation of the DocumentBuilderFactory class that is used in the ISRA Sample Application and deployed on the WebSphere application server.
- Globalization is not supported on AIX 4.3.x.
- ISRA 3.3 supports farming/clustering on the following platforms:
  - IBM WebSphere on all supported operating systems
  - BEA WebLogic on all supported operating systems
  - JBoss on all supported operating systems
- ISRA supports only 32-bit application servers.
- ISRA supports the following 64-bit operating systems:
  - AIX
  - HP-UX
  - Solaris
  - SUSE Linux

**iLog 4.6 Rules Engine**

The iLog Rules Engine supports the same platforms as PE supports.

See [Supported platforms for server components > Process Engine 3.5.1](#) on page 21.

**Process Analyzer 3.5.1 and 3.5.2**

Operating System	Supported Versions	Minimum Level Req'd	Server Requirements	Client Requirements
Microsoft Windows 2003, 32-bit Standard, Enterprise, Datacenter	SPx	SP1	<b>Local Database 3.5.1 and 3.5.2</b> Microsoft SQL Server 2000 Enterprise, SP4 Microsoft SQL Server 2000 Analysis Services, SP4 Microsoft Scripting Engine 5.6 Microsoft SQL Server 2000 Driver for JDBC SP3	<b>3.5.1 and 3.5.2 (SQL Server 2000)</b> Microsoft Excel 2003, P2 Microsoft Query – (Requires custom installation from Microsoft Excel media that must be installed before running Microsoft Query.) Microsoft Pivot Table Services – (This is included on the PA installation media.)

**Supported platforms for (optional) server components - Process Analyzer 3.5.1 and 3.5.2**

Operating System	Supported Versions	Minimum Level Req'd	Server Requirements	Client Requirements
			<p><b>Remote Database 3.5.1 and 3.5.2</b></p> <p>Microsoft SQL Server Desktop Engine or Microsoft SQL Client software</p> <p>Analysis Manager</p> <p>Microsoft Scripting Engine 5.6</p> <p>Microsoft SQL Server 2000 Driver for JDBC SP3</p>	
			<p><b>Local Database 3.5.2</b></p> <p>Microsoft SQL Server 2005 Enterprise, SP2</p> <p>Microsoft SQL Server 2005 Analysis Services, SP2</p> <p>Microsoft Scripting Engine 5.6</p> <p>Microsoft SQL Server 2005 Driver for JDBC 1.2</p> <p>Remote Database 3.5.2</p> <p>Microsoft SQL Server 2005 Client Software, SP2</p> <p>Microsoft Scripting Engine 5.6</p> <p>Microsoft SQL Server 2005 Driver for JDBC 1.2</p>	<p><b>3.5.2 (SQL Server 2005)</b></p> <p>Microsoft Excel 2003, SP2</p> <p>Microsoft Query – (Requires custom installation from Microsoft Excel media that must be installed before running Microsoft Query.)</p> <p>Microsoft Core XML Services (MSXML) 6.0, SP1</p> <p>Microsoft SQL Server 2005 Analysis Services 9.0 OLE DB Provider</p>



**Supported platforms for (optional) server components - Process Simulator 3.5.2****Process Simulator 3.5.2**

Operating System	Supported Versions	Minimum Level Req'd	Hardware	Notes
Microsoft Windows Server 2000 ----- Server, Advanced, Datacenter	SPx	SP4	x86 processor	Requires:  Microsoft SQL Server 2000 driver for JDBC SP3 <sup>13</sup> or Microsoft SQL Server 2005 driver for JDBC 1.2 <sup>14</sup>
Microsoft Windows Server 2003 Server ----- Standard, Enterprise Datacenter	SPx	SP1	x86 processor	
Microsoft Windows Server 2003 R2  (As of P8PS-3.5.2-002) ----- Standard, Enterprise Datacenter	SPx	Base Release	x86 processor	

**NOTE** The Process Simulator requires a dedicated Process Analyzer. Therefore, the Process Analyzer that PE uses cannot be used by the Process Simulator.

<sup>13</sup> The Microsoft SQL Server 2000 driver for JDBC SP3 is required when the PA database is Microsoft SQL Server 2000.

<sup>14</sup> The Microsoft SQL Server 2005 driver for JDBC 1.2 is required when the PA database is Microsoft SQL Server 2005.

**Supported platforms for (optional) server components - Business Activity Monitor (BAM) 3.6.0****Business Activity Monitor (BAM) 3.6.0****CAUTION**

BAM 3.6.0 is not automatically compatible with third-party updates. Therefore, IBM strongly recommends you contact customer support to confirm support of a product release and/or version before you apply a third-party service pack or patch. See "[Contact customer support](#)" on page 11.

**Operating systems**

Operating system	Notes	
AIX 5.1 <sup>15</sup> AIX 5.2 AIX 5.3	IBM POWER <sup>®</sup> -based processors	
Windows 2000 Server SP3 and SP4  Windows 2003 Server Enterprise SP1  Windows 2003 Data Center Enterprise SP1  Windows 2003 R2 Server Edition  Windows 2003 R2 Enterprise Edition	32-bit Xeon  Windows 2003 R2 Server Edition is not recommended for large production installations.	
Solaris 8 <sup>16</sup>  Solaris 9  Solaris 10	SPARC	
HP-UX 11i v2 (v11.23IA)	Itanium <sup>®</sup>	Requires HP JAVA SDK version 1.4.2.10 available from <a href="http://www.hp.com/products1/unix/java/java2/sdkrte14/downloads/index.html">http://www.hp.com/products1/unix/java/java2/sdkrte14/downloads/index.html</a>
HP-UX 11i v2 (v11.23PA)	PA-RISC2	All of the patches listed at the patches page for this operating system version and Java version need to be applied: <a href="http://h18012.www1.hp.com/java/patches/index.html">http://h18012.www1.hp.com/java/patches/index.html</a>
Red Hat Linux AS 2.1	32-bit Xeon  Red Hat Linux AS 2.1 is not recommended for large production installations  Red Hat Linux AS 2.1 might require additional operating system patches for JVM compatibility. Contact RedHat support for details.	

<sup>15</sup> IBM has discontinued support for AIX 5.1 as of May 1, 2005. Any customers using AIX 5.1 need to purchase extended support contracts with IBM in order for Celequest to provide support and/or error corrections on that configuration.

<sup>16</sup> Solaris 8 requires operating system patches for JVM compatibility. Refer to the Sun Java Website at [www.java.sun.com](http://www.java.sun.com).

**Supported platforms for (optional) server components - Business Activity Monitor (BAM) 3.6.0**

Operating system	Notes
Red Hat Linux Enterprise Linux 3 Enterprise Server Red Hat Linux Enterprise Linux 3 Advanced Server Red Hat Linux Enterprise Linux 4 update 3 Enterprise Server Red Hat Linux Enterprise Linux 4 update 3 Advanced Server	Intel® Xeon EM64T  Red Hat Linux AS 2.1 is not recommended for large production installations  Red Hat Linux AS 2.1 might require additional operating system patches for JVM compatibility. Contact RedHat support for details.  Red Hat Linux on Intel Xeon EM64T requires Sun JDK 5.0 Update 2 or later to run in 64-bit mode.
SUSE Linux Enterprise Server 9	32-bit Xeon

**Application servers and operating systems**

For more information, see [Operating systems](#) on page 42.

**WebSphere**

Application Server	Supported Versions	Minimum Level Req'd	JVM	Operating Systems
WebSphere ----- WebSphere Network Deployment (ND) or Xtended Deployment (XD)  WebSphere Base supported for installs that do not use the JMS Agents.	6.1.x.x	6.1.0.0	IBM JDK bundled with WebSphere.  64-bit mode on JVM supported in 6.1+ with the IBM 64-bit SDK, Java 2 Technology Edition, v5.0 SR2.  64-bit mode on JVM is not supported on any version of Solaris.  In the case of HP-UX, 64-bit mode on JVM is supported only with the HP Java SDK adapted by IBM for IBM software, Version 5.0 SR2.	Windows 2000 Server SP4 Windows 2003 Server SP1 and R2 Server Edition, Enterprise Edition, and Data Center Edition Windows 2003 Server x64 Editions AIX 5.2 AIX 5.3 Solaris 8 Solaris 9 Solaris 10 HP-UX 11i v2 (v11.23IA) HP-UX 11i v2 (v11.23PA) RedHat Advanced Server 4, 32-bit and 64-bit RedHat Enterprise Server 4, 32-bit and 64-bit

**NOTE** See the IBM support site for the list of operating system level patches that need to be applied, for the JVM to work correctly.

**Supported platforms for (optional) server components - Business Activity Monitor (BAM) 3.6.0****WebLogic**

Application Server	Supported Versions	Minimum Level Req'd	JVM	Operating Systems
WebLogic	8.1	8.1 SP1	Sun JDK 1.4.2_09 BEA JRockit <b>NOTE</b> The use of the BEA JRockit JVM is limited to WebLogic 8.1 SP2 or later	Windows 2000 Server Windows 2003 Server R2 Server Edition or Enterprise Edition
			Sun JDK 5.0 Update 2 or later	Windows 2003 Server x64 Editions, except Data Center
			Sun JDK 1.4.2_09 or later	AIX 5.1 AIX 5.2 AIX 5.3 Solaris 8 Solaris 9
			HP Java SDK 1.4.2.10 or later	HP-UX 11i v2 (v11.23IA) HP-UX 11i v2 (v11.23PA)
			Sun JDK 1.4.2_09 or later BEA JRockit 1.4.2_08 or later Sun JDK 5.0 Update 2 or later for 64-bit access	RedHat Advanced Server 3, 32-bit and 64-bit RedHat Enterprise Server 4 update 3, 32-bit and 64-bit
			Sun JDK 1.4.2_09 or later BEA JRockit 1.4.2_08 or later Sun JDK 5.0 Update 2 or later for 64-bit access	SUSE Linux ES 9 and ES 10, 32-bit and 64-bit

**Supported platforms for (optional) server components - Business Activity Monitor (BAM) 3.6.0**

Application Server	Supported Versions	Minimum Level Req'd	JVM	Operating Systems
WebLogic	9.2 10.x	9.2 10.x	Sun JDK 1.4.2_09 BEA JRockit	Windows 2000 Server Windows 2003 Server SP1 and R2 Server Edition or Enterprise Edition
			Sun JDK 5.0 Update 2 or later	Windows 2003 Server x64 Editions, except Data Center
			Sun JDK 1.4.2_09 or later	AIX 5.3 Solaris 10 Solaris 9
			HP Java SDK 1.4.2.10 or later	HP-UX 11i v2 (v11.23IA) HP-UX 11i v2 (v11.23PA)
			Sun JDK 1.4.2_09 or later BEA JRockit 1.4.2_08 or later Sun JDK 5.0 Update 2 or later for 64-bit access	RedHat Advanced Server 4, 32-bit and 64-bit RedHat Enterprise Server 4, 32-bit and 64-bit SUSE Linux ES 9 and ES 10, 32-bit and 64-bit

**Supported platforms for (optional) server components - Business Activity Monitor (BAM) 3.6.0****JBoss**

Application Server	Supported Versions	Minimum Level Req'd	JVM	Operating Systems
JBoss	3.2.5	3.2.5	Sun JDK 1.4.2_09	Windows 2000 Server
	4.0.4	4.0.4		Windows 2003 Server R2 Server Edition or Enterprise Edition
	4.0.3 (Non-JMS use only)	4.0.3	Sun JDK 5.0 Update 2 or later for 64-bit access	Windows 2003 Server x64 Editions, except Data Center
			Sun JDK 1.4.2_09 or later	AIX 5.1 AIX 5.2 AIX 5.3 Solaris 8 Solaris 9
			HP Java SDK 1.4.2.10 or later	HP-UX 11i v2 (v11.23IA) HP-UX 11i v2 (v11.23PA)
		Sun JDK 1.4.2_09 or later BEA JRockit 1.4.2_08 or later Sun JDK 5.0 Update 2 or later for 64-bit access	RedHat Advanced Server 3, 32-bit and 64-bit RedHat Enterprise Server 3, 32-bit and 64-bit RedHat Enterprise Server 4 update 3, 32-bit and 64-bit SUSE Linux ES 9 and ES 10, 32-bit and 64-bit	

**Supported platforms for (optional) server components - Business Activity Monitor (BAM) 3.6.0**

Application Server	Supported Versions	Minimum Level Req'd	JVM	Operating Systems
JBoss	4.2	4.2	Sun JDK 1.4.2_09	Windows 2000 Server Windows 2003 Server R2 Server Edition or Enterprise Edition
			Sun JDK 5.0 Update 2 or later for 64-bit access	Windows 2003 Server x64 Editions, except Data Center
			Sun JDK 1.4.2_09 or later	AIX 5.1 AIX 5.2 AIX 5.3 Solaris 8 Solaris 9 Solaris 10
			HP Java SDK 1.4.2.10 or later	HP-UX 11i v2 (v11.23IA) HP-UX 11i v2 (v11.23PA)
			Sun JDK 1.4.2_09 or later BEA JRockit 1.4.2_08 or later Sun JDK 5.0 Update 2 or later for 64-bit access	RedHat Advanced Server 4, 32-bit and 64-bit RedHat Enterprise Server 4, 32-bit and 64-bit SUSE Linux ES 9 and ES 10, 32-bit and 64-bit

**Supported platforms for (optional) server components - Business Activity Monitor (BAM) 3.6.0****Databases****DB2**

Database	Supported Versions	Minimum Level Req'd	JDBC driver	Operating Systems
DB2	8.2 9.1	8.2 FP2 9.1	<p>Install DB2 Admin Client on the Application server box and use the JDBC driver that comes with the client (Type 2).</p> <p>Alternatively, Type 4 drivers can also be used.</p> <p>The built-in JDBC drivers for DB2 packaged with IBM WebSphere and BEA WebLogic can also be used instead of the downloadable DB2 drivers, when deploying on those application servers.</p>	Windows 2000 Server Windows 2000 Advanced Server SP3 and later Windows 2003 Server SP1 and R2 Server Edition
				AIX 5.3
				Solaris 9 Solaris 10
				HP-UX 11i v2 (v11.23IA) HP-UX 11i v2 (v11.23PA)
				RedHat ES, AS 3, 4, and 5 (IA32) RedHat ES, AS 3, 4, and 5 (Itanium)
				SUSE Linux ES 9 and ES 10

**NOTES**

- Data types are Metadata, Data Stream, and Lookup Table source.
- 64-bit DB2 UDB 8 is supported on AIX and Solaris.
- 64-bit DB2 UDB 8.2 supported on RHEL 3 (Itanium).

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**Supported platforms for (optional) server components - Business Activity Monitor (BAM) 3.6.0****Oracle**

Database	Supported Versions	Minimum Level Req'd	JDBC driver	Operating Systems
Oracle	9.2.0.x	9.2.0.x	<p>Oracle 10g Thin driver 10.2.0.1.0 or later</p> <p>OR</p> <p>Oracle 10g Thick driver 10.2.0.1.0 or later</p> <p>With...</p> <p>CAS 4.0 or later, the built-in drivers for Oracle that ship with IBM WebSphere and BEA WebLogic can also be used, instead of the downloadable drivers from Oracle, when deploying on those application servers.</p>	<p>Windows 2000 Server</p> <p>Windows 2000 Advanced Server SP3 and later</p> <p>Windows 2003 Server SP1 and R2 Server Edition</p> <hr/> <p>AIX 5.1</p> <p>AIX 5.2</p> <p>AIX 5.3</p> <hr/> <p>Solaris 9</p> <p>Solaris 10</p> <hr/> <p>HP-UX 11i v2 (v11.23IA)</p> <p>HP-UX 11i v2 (v11.23PA)</p> <hr/> <p>Red Hat Enterprise Server 3 and 4</p> <p>Red Hat Advanced Server 3 and 4</p> <hr/> <p>SUSE Linux ES 9</p>

**Supported platforms for (optional) server components - Business Activity Monitor (BAM) 3.6.0**

Database	Supported Versions	Minimum Level Req'd	JDBC driver	Operating Systems
Oracle	10.1.0	10.1.0	Oracle 10g Thin driver 10.2.0.1.0 or later  OR Oracle 10g Thick driver 10.2.0.1.0 or later  With...  CAS 4.0 or later, the built-in drivers for Oracle that ship with WebSphere and WebLogic can also be used, instead of the downloadable drivers from Oracle, when deploying on those application servers.	Windows 2000 Server Windows 2000 Advanced Server SP3 and later Windows 2003 Server SP1 and R2 Server Edition  AIX 5.1 AIX 5.2 AIX 5.3  Solaris 9 Solaris 10  HP-UX 11i v2 (v11.23IA) HP-UX 11i v2 (v11.23PA)  Red Hat Enterprise Server 3 Red Hat Advanced Server 3  SUSE Linux ES 9

**NOTES**

- Data types are Metadata, Data Stream, and Lookup Table source.
- Oracle 10 with WebSphere 5.1 is not supported.
- Oracle 10 with WebLogic 8.1 requires SP3 or later.

**Supported platforms for (optional) server components - Business Activity Monitor (BAM) 3.6.0**

Database	Supported Versions	Minimum Level Req'd	JDBC driver	Operating Systems
Oracle	10g Release 2	10g Release 2	Oracle 10g Thin driver 10.2.0.1.0 or later OR Oracle 10g Thick driver 10.2.0.1.0 or later  With... CAS 4.0 or later, the built-in drivers for Oracle that ship with WebSphere and WebLogic can also be used, instead of the downloadable drivers from Oracle, when deploying on those application servers.	Windows 2000 Server Windows 2000 Advanced Server SP3 and later Windows 2003 Server SP1 and R2 Server Edition  AIX 5.1 AIX 5.2 AIX 5.3  Solaris 9 Solaris 10  HP-UX 11i v2 (v11.23IA) HP-UX 11i v2 (v11.23PA)  Red Hat Enterprise Server 3 and 4 Red Hat Advanced Server 3, and 4  SUSE Linux ES 9 and ES 10

**NOTES**

- Data types are Metadata, Data Stream, and Lookup Table source.
- Oracle 10 with WebSphere 5.1 is not supported.
- Oracle 10 with WebLogic 8.1 requires SP3 or higher.
- Oracle Thick driver is required for RAC installations.

**Supported platforms for (optional) server components - Business Activity Monitor (BAM) 3.6.0**

Database	Supported Versions	Minimum Level Req'd	JDBC driver	Operating Systems
SQL Server	2000 SP2, SP3a, and SP4	2000 SP2, SP3a, and SP4	The JDBC driver for SQL Server 2000 is available from Microsoft - 2.2.0029 or later.  With CAS 4.0 and later, the built-in JDBC drivers for SQL Server packaged with WebSphere and WebLogic can also be used instead of the one from Microsoft when deploying on those application servers.	Windows 2000 Server Windows 2000 Advanced Server SP3 and later Windows 2003 Server SP1 and R2 Server Edition

Database	Supported Versions	Minimum Level Req'd	JDBC driver	Operating Systems
SQL Server	2005 Server Standard Edition  2005 Server Enterprise Edition SP2	2005 Server Standard Edition  2005 Server Enterprise Edition SP2	The JDBC driver for SQL Server 2005 is available from Microsoft - 1.0.809.102 and later for all application servers except WebSphere 6.1.  The built-in JDBC drivers for SQL Server that are packaged with WebSphere and WebLogic can also be used in instead of the one from Microsoft, when deploying on those application servers.  SQL Server 2005 is not supported on WebSphere 5.1.x and 6.0.  SQL Server 2005 is supported on WebSphere 6.1 and higher with built-in drivers only.	Refer to Microsoft requirements at <a href="http://www.microsoft.com/sql/editions/standard/sysregs.mspx">http://www.microsoft.com/sql/editions/standard/sysregs.mspx</a>

**NOTES**

- Data types are Metadata, Data Stream, and Lookup Table source.
- You will also need to request a HotFix from MSFT to fix the issue related to the KB article # 917054.

**Supported platforms for (optional) server components - Business Activity Monitor (BAM) 3.6.0****Other products**

Required Product	Version	Operating System	Notes
IIS	Bundled with the operating system	Windows 2000 Server Windows 2000 Advanced Server SP3 and later Windows 2003 SP1 and R2 Server edition Windows 2003 R2 Enterprise Edition	
Apache	1.3.x 2.x	Windows 2000 Server Windows 2000 Advanced Server SP3 and later Windows 2003 SP1 and R2 Server edition Windows 2003 R2 Enterprise Edition AIX 5.1, 5.2, and 5.3 Sun Solaris 9 HP-UX 11i v2 (v11.23IA) HP-UX 11i v2 (v11.23PA) RedHat Enterprise Linux 3, 4 and 5 SUSE Linux ES 9 and ES 10	
Web containers bundled with supported app servers	N/A	Windows 2000 Server Windows 2000 Advanced Server SP3 and later Windows 2003 R2 Server edition Windows 2003 R2 Enterprise Edition AIX 5.1, 5.2, and 5.3 Sun Solaris 9 and 10 HP-UX 11i v2 (v11.23IA) HP-UX 11i v2 (v11.23PA) RedHat Enterprise Linux 3, 4 and 5 SUSE Linux ES 9 and ES 10	Some installations will need specific ports to be opened by network administrators.
IBM HTTP Server	Bundled with WebSphere 5.1	Windows 2000 Server Windows 2000 Advanced Server SP3 and later Windows 2003 SP1 and R2 Server edition Windows 2003 R2 Enterprise Edition AIX 5.1, 5.2, and 5.3 Solaris 9 and 10 HP-UX 11i v2 (v11.23IA) HP-UX 11i v2 (v11.23PA) RedHat Enterprise Linux 3, 4 and 5 SUSE Linux ES 9 and ES 10	This option is valid for WebSphere installations only

**Supported platforms for (optional) server components - Business Activity Monitor (BAM) 3.6.0**

Required Product	Version	Operating System	JDBC Driver	Usage Type
MySQL	5.0 and later	Windows 2000 Server Windows 2000 Advanced Server SP3 and later Windows 2003 SP1 and R2 Server edition AIX 5.1, 5.2, and 5.3 Sun Solaris 9 and 10 HP-UX 11i v2 (v11.23IA) HP-UX 11i v2 (v11.23PA) RedHat Enterprise Server 3, 4 and 5 RedHat Advanced Server 3, 4 and 5 SUSE Linux ES 9 and ES 10	MYSql Connector/ J 3.1 from MySql.org	Metadata Data Stream Lookup Table source
PostgreSQL	8.2.3 and later	Windows 2000 Server Windows 2000 Advanced Server SP3 and later Windows 2003 SP1 and R2 Server edition AIX 5.2 and 5.3 Sun Solaris 9 and 10 HP-UX 11i v2 (v11.23IA) HP-UX 11i v2 (v11.23PA) RedHat Enterprise Server 4 and 5 RedHat Advanced Server 4 and 5 SUSE Linux ES 9 and ES 10	PostgreSQL JDBC driver 8.2 and later from jdbc.postgresql.org	Metadata Data Stream Lookup Table source
Derby (JBoss only)	10.1.1.x	Windows 2000 Server Windows 2000 Advanced Server SP3 and later Windows 2003 SP1 and R2 Server edition RedHat Advanced Server 3, 4 and 5 SUSE Linux ES 9 and ES 10	JDBC driver from Apache Derby	Metadata source

**Supported platforms for (optional) server components - Business Activity Monitor (BAM) 3.6.0**

Required Product	Version	Operating System	JDBC Driver	Usage Type
Sybase	12.5.0.1	Windows 2000 Server Windows 2000 Advanced Server SP3 and later Windows 2003 SP1 and R2 Server edition Sun Solaris 9 and 10 HP HP-UX 11i SUSE Linux ES 9 and ES 10 RedHat Enterprise Linux 3, 4 and 5	jConnect for JDBC from Sybase 6.05	Data Stream Lookup Table source
Internet Explorer	7.0	Windows 2000 Server Windows 2000 Advanced Server SP3 and later Windows 2003 SP1 and R2 Server edition	N/A	N/A
Macromedia Flash plug-in	Version 6 Release 65 or higher (Flash 8 is recommended) Version 8 Version 9	Windows 2000 Windows XP SP1, and SP2	N/A	N/A
Personal Computer	N/A	Windows 2000/XP or higher (A minimum of 1 GB of main memory is required on client machines.)	N/A	N/A
LDAP v3 Compliant directory server	N/A	N/A Generic LDAP support provided in the product	N/A	N/A
IBM Tivoli Directory Server	5.2	Any that is supported by the vendor. Access provided through LDAP.	N/A	N/A
Sun ONE Directory Server	5.1 and later	Any that is supported by the vendor. Access provided through LDAP.	N/A	N/A

Required Product	Version	Operating System	JDBC Driver	Usage Type
Microsoft Active Directory	N/A	Any that is supported by the vendor. Access provided through LDAP. NTLM based authentication is not supported.	N/A	N/A
Tivoli Access Manager	5.1+	Any that is supported by the vendor.	N/A	N/A
Netegrity SiteMinder	5.0 6.0	Any that is supported by the vendor.	N/A	N/A
IBM WebSphere MQ	5.3	Any that is supported by the vendor. JMS Technology Adapter required on Application Server machine	N/A	N/A
IBM WBI Server Foundation	5.0.2+	Any that is supported by the vendor. Access through JMS, Web Services Agents	N/A	N/A
BEA Weblogic Integration	8.1 SP3+, 9.2, 10.x	Any that is supported by the vendor. Access through JMS, Web Services Agents	N/A	N/A
TIBCO EMS	4.0 4.1	Any that is supported by the vendor. Access through JMS, Web Services Agents	N/A	N/A
SMTP/POP3 Compliant E-mail server Tested with Exchange 2000/Win2K	N/A	N/A	N/A	N/A



**Supported platforms for (optional) server components - Records Manager 3.7.0****Records Manager 3.7.0**

**NOTE** For details about 32-bit and 64-bit processor support, see "64-bit support".

Application Server	Supported Versions	Minimum Level Req'd	Operating System/Hardware
Apache Tomcat	5.0.x.x	5.0.1.8	Solaris 8/SPARC Solaris 9/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/x86 processor
Apache Tomcat	5.5.x.x	5.5.4.0	Solaris 8/SPARC Solaris 9/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/x86 processor
JBoss	3.2.x	3.2.0	Solaris 8/SPARC Solaris 9/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/x86 processor

**Supported platforms for (optional) server components - Records Manager 3.7.0**

Application Server	Supported Versions	Minimum Level Req'd	Operating System/Hardware
JBoss	4.0.x	4.0.1	Solaris 8/SPARC Solaris 9/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/x86 processor
BEA WebLogic ----- Express Basic, Premium Basic, Server Advantage, Server Premium	7.0 SPx	7.0 SP4	HP-UX 11i w/Patch Bundle B.11.11.0306.1/ PA-RISC AIX 5.1/ RS6000 AIX 5.2/ RS6000 Solaris 8/ SPARC Solaris 9/ SPARC Windows Server 2000 SP4 Server, Advanced/ x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/ x86 processor Windows Server 2003 R2/ x86 processor
BEA WebLogic ----- Express Basic, Premium Basic, Server Advantage, Server Premium	8.1 SPx	8.1 SP4	HP-UX 11i w/Patch Bundle B.11.11.0306.1 (WL 8.1 SP3)/ PA-RISC AIX 5.1/ RS6000 AIX 5.2/ RS6000 Solaris 8/SPARC Solaris 9/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/ x86 processor

**Supported platforms for (optional) server components - Records Manager 3.7.0**

Application Server	Supported Versions	Minimum Level Req'd	Operating System/Hardware
IBM WebSphere ----- Base,  Express,  Network Deployment,  WBISF	5.1.1.x	5.1.1.4	HP-UX 11i w/Patch BundleB.11.11.0306.1/ PA-RISC  AIX 5.1/RS6000  AIX 5.2/ RS6000  AIX 5.3 ML4/RS6000  Solaris 8/SPARC  Solaris 9/SPARC  Windows Server 2000 SP4 Server, Advanced/x86 processor  Windows Server 2003 SP1 Standard, Enterprise, Datacenter/ x86 processor  Windows Server 2003 R2 Standard, Enterprise, Datacenter/ x86 processor
IBM WebSphere ----- Base,  Express,  Network Deployment,  WBISF	6.0.x.x	6.0.0.0	HP-UX 11i w/Patch BundleB.11.11.0306.1/ PA-RISC  AIX 5.2/ RS6000  AIX 5.3 ML4/RS6000  Solaris 8/SPARC  Solaris 9/SPARC  Windows Server 2000 SP4 Server, Advanced/x86 processor  Windows Server 2003 SP1 Standard, Enterprise, Datacenter/ x86 processor  Windows Server 2003 R2 Standard, Enterprise, Datacenter/ x86 processor

**Supported platforms for (optional) server components - Records Manager 3.7.0**

Application Server	Supported Versions	Minimum Level Req'd	Operating System/Hardware
IBM WebSphere	6.1	6.1.0.7	HP-UX 11i w/Patch Bundle B.11.11.0306.1/PA-RISC AIX 5.2/ RS6000 AIX 5.3 ML4/RS6000 Solaris 8/SPARC Solaris 9/SPARC Solaris 10/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/ x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/ x86 processor (P8AE-3.5.1-003 or later)

**Crystal Reports**

Crystal Reports 11.0 SP2 Developer and Server Editions are optional components that support reporting capabilities. When used, the Crystal Reports server:

- Must be collocated with a CE object store service and a client connectivity module, or can be collocated with the CE server
- Must be part of the same FileNet P8 domain as the CE server hosting the RM data model

Required Crystal Reports components are:

- Report Designer
- Crystal Enterprise Embedded

**Custom applications**

Custom applications developed using the RM Java API can run on any operating system that supports a Sun JDK 1.3.1 or an IBM Developer Kit 1.3.1, including:

- HP-UX 11i w/Patch Bundle B.11.11.0306.1
- AIX 5.1
- AIX 5.2
- Solaris 8
- Solaris 9
- Windows 2000 Server SP4 (Server, Advanced)
- Windows 2003 Server SP1 (Standard, Enterprise, Datacenter)
- Windows 2003 Server R2 (Standard, Enterprise, Datacenter)

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**Supported platforms for (optional) server components - Records Manager 3.7.0**

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Applications must use Sun JRE 1.3.1 on Windows, and Sun, IBM, or HP JRE 1.3.1 on the respective operating system.

**Disposition Sweep, Hold Sweep, and File Plan Import/Export Tool**

Disposition Sweep, Hold Sweep, and the File Plan Import/Export Tool can run on any operating system that supports running a Sun JDK 1.3.1 or an IBM Developer Kit 1.3.1, including:

- HP-UX 11i w/Patch Bundle B.11.11.0306.1
- AIX 5.1
- AIX 5.2
- Solaris 8
- Solaris 9
- Windows 2000 Server SP4 (Server, Advanced)
- Windows 2003 Server SP1 (Standard, Enterprise, Datacenter)
- Windows 2003 Server R2 (Standard, Enterprise, Datacenter)

Disposition Sweep, Hold Sweep, and File Plan Import/Export Tool use Sun JRE 1.3.1 on Windows, and Sun, IBM, or HP JRE 1.3.1 on the respective operating system.

**Supported platforms for (optional) server components - Records Manager 3.5.1****Records Manager 3.5.1**

Since RM is collocated with AE, the RM application server must match the AE application server.

**NOTE** For details about 32-bit and 64-bit processor support, see "64-bit support".

Application Server	Supported Versions	Minimum Level Req'd	Operating System/Hardware
Apache Tomcat	5.0.x.x	5.0.1.8	Solaris 8/SPARC Solaris 9/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/x86 processor (P8AE-3.5.1-003 or later)
Apache Tomcat	5.5.x.x	5.5.4.0	Solaris 8/SPARC Solaris 9/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/x86 processor
JBoss	3.2.x	3.2.0	Solaris 8/SPARC Solaris 9/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/x86 processor (P8AE-3.5.1-003 or later)

**Supported platforms for (optional) server components - Records Manager 3.5.1**

Application Server	Supported Versions	Minimum Level Req'd	Operating System/Hardware
JBoss	4.0.x	4.0.1	Solaris 8/SPARC Solaris 9/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/x86 processor
BEA WebLogic ----- Express Basic, Premium Basic, Server Advantage, Server Premium	7.0 SPx	7.0 SP4	HP-UX 11i w/Patch Bundle B.11.11.0306.1/PA-RISC AIX 5.1/RS6000 AIX 5.2/RS6000 AIX 5.3 ML4/RS6000 Solaris 8/ SPARC Solaris 9/ SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/x86 processor Windows Server 2003 R2/x86 processor
BEA WebLogic ----- Express Basic, Premium Basic, Server Advantage, Server Premium	8.1 SPx	8.1 SP4	HP-UX 11i w/Patch BundleB.11.11.0306.1/PA-RISC AIX 5.2/RS6000 AIX 5.3 ML4/RS6000 Solaris 8/SPARC Solaris 9/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/x86 processor (P8AE-3.5.1-003 or later)

**Supported platforms for (optional) server components - Records Manager 3.5.1**

Application Server	Supported Versions	Minimum Level Req'd	Operating System/Hardware
IBM WebSphere ----- Base,  Express,  Network Deployment,  WBISF	5.1.1.x	5.1.1.4	HP-UX 11i w/Patch BundleB.11.11.0306.1/ PA-RISC  AIX 5.1/RS6000  AIX 5.2/RS6000  AIX 5.3 ML4/RS6000  Solaris 8/SPARC  Solaris 9/SPARC  Windows Server 2000 SP4 Server, Advanced/x86 processor  Windows Server 2003 SP1 Standard, Enterprise, Datacenter/ x86 processor  Windows Server 2003 R2 Standard, Enterprise, Datacenter/ x86 processor (P8AE-3.5.1-003 or later)
IBM WebSphere ----- Base,  Express,  Network Deployment,  WBISF	6.0.x.x	6.0.0.0	HP-UX 11i w/Patch BundleB.11.11.0306.1/ PA-RISC  AIX 5.2/RS6000  AIX 5.3 ML4/RS6000  Solaris 8/SPARC  Solaris 9/SPARC  Windows Server 2000 SP4 Server, Advanced/x86 processor  Windows Server 2003 SP1 Standard, Enterprise, Datacenter/ x86 processor  Windows Server 2003 R2 Standard, Enterprise, Datacenter/ x86 processor



**Supported platforms for (optional) server components - Records Manager 3.5.1**

Application Server	Supported Versions	Minimum Level Req'd	Operating System/Hardware
IBM WebSphere	6.1	6.1.0.7	HP-UX 11i w/Patch BundleB.11.11.0306.1/PA-RISC AIX 5.2/ RS6000 AIX 5.3 ML4/RS6000 Solaris 8/SPARC Solaris 9/SPARC Solaris 10/SPARC Windows Server 2000 SP4 Server, Advanced/x86 processor Windows Server 2003 SP1 Standard, Enterprise, Datacenter/ x86 processor Windows Server 2003 R2 Standard, Enterprise, Datacenter/ x86 processor (P8AE-3.5.1-003 or later)

**Crystal Reports**

Crystal Reports 11.0 SP1 Developer and Server Editions are optional components to support reporting capabilities. If it is used, the Crystal Reports server:

- Must be collocated with a Content Engine object store service and client connectivity module or can be collocated with the Content Engine Server
- Must be part of the same FileNet P8 domain as the CE server hosting the RM data model

Required Crystal Reports components are:

- Report Designer
- Crystal Enterprise Embedded

**Supported platforms for (optional) server components - Records Manager 3.5.1****Custom Applications**

<b>Operating System<sup>17</sup></b>	<b>Supported Versions</b>	<b>Minimum Level Req'd</b>	<b>Other Requirements</b>
AIX	5.1.x.x	5.1 ML8	IBM Developer Kit 1.3.1 Applications must use IBM JRE 1.3.1
AIX	5.2.x.x	5.2 ML7	IBM Developer Kit 1.3.1 Applications must use IBM JRE 1.3.1
AIX	5.3.x.x	5.3 ML4	IBM Developer Kit 1.3.1 Applications must use IBM JRE 1.3.1
HP-UX GOLDBASE11i	11i	HP-UX GOLDBASE11i w/Patch Bundle B.11.11.0306.1	Sun JDK 1.3.1, or IBM Developer Kit 1.3.1. Applications must use HP JRE 1.3.1
Sun Solaris	8	8	Sun JDK 1.3.1 Applications must use Sun JRE 1.3.1
Sun Solaris	9	9	Sun JDK 1.3.1 Applications must use Sun JRE 1.3.1
Microsoft Windows Server 2000 ----- Server, Advanced	SPx	SP4	Sun JDK 1.3.1, or IBM Developer Kit 1.3.1. Applications must use Sun JRE 1.3.1
Microsoft Windows Server 2003 ----- Standard, Enterprise, Datacenter	SPx	SP1	Sun JDK 1.3.1, or IBM Developer Kit 1.3.1 Applications must use Sun JRE 1.3.1
Microsoft Windows Server 2003 R2 ----- - Standard, Enterprise, Datacenter	SPx	Base Release	Sun JDK 1.3.1, or IBM Developer Kit 1.3.1 Applications must use Sun JRE 1.3.1

<sup>17</sup> Custom applications that are developed using the RM Java API can run on any operating system that support the Sun JDK 1.3.1 or the IBM Developer Kit 1.3.1.

**Supported platforms for (optional) server components - Records Manager 3.5.1****Disposition Sweep, Hold Sweep, and File Plan Import/Export Tool**

IBM recommends you run these tools on the CE server.

Operating System <sup>17</sup>	Supported Versions	Minimum Level Req'd	Other Requirements
AIX	5.1.x.x	5.1 ML8	IBM Developer Kit 1.3.1 Applications must use IBM JRE 1.3.1
AIX	5.2.x.x	5.2 ML7	IBM Developer Kit 1.3.1 Applications must use IBM JRE 1.3.1
HP-UX GOLDBASE11i	11i	HP-UX GOLDBASE11i w/Patch Bundle B.11.11.0306.1	Sun JDK 1.3.1, or IBM Developer Kit 1.3.1 Applications must use HP JRE 1.3.1
Sun Solaris	8	8	Sun JDK 1.3.1 Applications must use Sun JRE 1.3.1
Sun Solaris	9	9	Sun JDK 1.3.1 Applications must use Sun JRE 1.3.1
Microsoft Windows Server 2000 ----- Server, Advanced	SPx	SP4	Sun JDK 1.3.1, or IBM Developer Kit 1.3.1 Applications must use Sun JRE 1.3.1
Microsoft Windows Server 2003 ----- Standard, Enterprise, Datacenter	SPx	SP1	Sun JDK 1.3.1, or IBM Developer Kit 1.3.1 Applications must use Sun JRE 1.3.1
Microsoft Windows Server 2003 R2 ----- Standard, Enterprise, Datacenter	SPx	Base Release	Sun JDK 1.3.1, or IBM Developer Kit 1.3.1 Applications must use Sun JRE 1.3.1

**Supported platforms for (optional) server components - Content Federation Services for Content Services (CFS-CS)****Content Federation Services for Content Services (CFS-CS)**

<b>Federator Admin &amp; IICE Server</b>	<b>Supported Versions</b>	<b>Minimum Level Req'd</b>	<b>Other Requirements</b>	<b>Operating System/ Hardware</b>
BEA WebLogic ----- Express Basic, Premium Basic, Server Advantage, Server Premium	8.1 SPx	8.1 SP4	P8CE-3.5.2-001 or later  IBM Information Integrator Content Edition (IICE) 8.3 with the following hot fixes: HF008, HF0011.	See the IICE product documentation.
IBM WebSphere ----- Base,  Express,  Network Deployment,  WBISF	5.1.x.x	5.1.1.7	P8CE-3.5.2-001 or later  IBM Information Integrator Content Edition (IICE) 8.3 with the following hot fixes: HF008, HF0011.	See the IICE product documentation.
IBM WebSphere ----- Base,  Express,  Network Deployment,  WBISF	6.0.x.x	6.0.1.0	P8CE-3.5.2-001 or later  IBM Information Integrator Content Edition (IICE) 8.3 with the following hot fixes: HF008, HF0011.	See the IICE product documentation.

**Content Federated Services for third-party connectors**

The following third-party connections are supported:

- NTFS
- IBM DB2 Content Manager version 8.3
- Livelink 9.5
- Documentum 5.3 SP3 is supported for federation only. Records Management is not supported.
- IBM DB2 Content Manager OnDemand is supported as a preview feature for federation only. Records Management is not supported.

**Supported platforms for (optional) server components - Content Federation Services for Image Services (CFS-IS)**

<b>Federator Admin &amp; IICE Server</b>	<b>Supported Versions</b>	<b>Minimum Level Req'd</b>	<b>Other Requirements</b>	<b>Operating System/ Hardware</b>
BEA WebLogic ----- Express Basic, Premium Basic, Server Advantage, Server Premium	8.1 SPx	8.1 SP4	CE 3.5.2-001 or later  IBM Information Integrator Content Edition (IICE) 8.3 with the following hot fixes: HF001, HF0011.  Capture Fax Entry and Capture Professional. Both products must be at level CAP-5.0.0-005.001 or later.	See the IICE product documentation.
IBM WebSphere ----- Base,  Express,  Network Deployment,  WBISF	5.1.x.x	5.1.1.7	CE 3.5.2-001 or later  IBM Information Integrator Content Edition (IICE) 8.3 with the following hot fixes: HF001, HF0011.  Capture Fax Entry and Capture Professional. Both products must be at level CAP-5.0.0-005.001 or later.	See the IICE product documentation.
IBM WebSphere ----- Base,  Express,  Network Deployment,  WBISF	6.0.x.x	6.0.1.0	CE 3.5.2-001 or later  IBM Information Integrator Content Edition (IICE) 8.3 with the following hot fixes: HF001, HF0011.  Capture Fax Entry and Capture Professional. Both products must be at level CAP-5.0.0-005.001 or later.	See the IICE product documentation.

**Content Federation Services for Image Services (CFS-IS)**

After installing CFS-IS 3.5.1, CE 3.5.2 is compatible with the following versions of IS for CFS-IS purposes:

- IS 4.0 SP5
- IS 4.1.1

## Authentication and security

### LDAP directory server support

LDAP Server	Supported Versions	Minimum Level Req'd	Operating Systems
Microsoft Active Directory	2000 SPx	Base Release	See Microsoft documentation.
Microsoft Active Directory	2003 SPx	Base Release	See Microsoft documentation.
Sun ONE Directory Server	5.1 SPx	5.1 SP2	See Sun documentation.
Sun Java System Directory Server	5.2 SPx	5.2	See Sun documentation.
Novell eDirectory	8.7.x.x	8.7.3.0	See Novell documentation.

#### NOTES

- Exception: Microsoft Active Directory 2003 only passes credentials to AE.
- PE can support only a single locale for LDAP users and groups across all platforms. Verify the locale settings for both the object store and the database. By default, if no locale setting is selected, PE supports only low-order ASCII characters on UNIX® platforms for LDAP users and groups. On Windows platforms, PE supports both low-order and high-order ASCII characters.
- Microsoft Active Directory Application Mode is not supported by FileNet P8 3.5. Mixed, Native, and Windows 2003 Mode active directory are supported only.
- Microsoft Active Directory for BAM 3.6.0 NTLM-based authentication is not supported.

## CM and BPM client environment requirements

This section describes the client environment requirements for the FileNet Content Manager (CM) and Business Process Manager (BPM) client software.

### Enterprise Manager (EM)

Operating System	Supported Versions	Minimum Level Req'd
Microsoft Windows 2000 Professional	SPx	SP4
Microsoft Window Server 2000 – Server, Advanced, Datacenter	SPx	SP4
Microsoft Window Server 2003 – Standard, Enterprise, Datacenter	SPx	Base
Microsoft Windows XP Professional	SPx	SP2

### Browser support

Operating System	Browser	Supported Versions	Minimum Level Req'd	HTML Support	eForms Runtime	Viewer Support	BPM Applets, Search and Publish Designer
Windows Vista	Internet Explorer	7.x	Initial Release	Y	Y	Y	Y
	Mozilla Firefox	2.0.x					
Microsoft Windows XP Professional SP2 Or Microsoft Windows 2000 Professional SPx	Microsoft Internet Explorer	5.5 SPx	5.5 SP2	Y	Y	Y	Y
		6.0 SPx	Initial Release	Y	Y	Y	Y
		7.0 SPx	Initial Release	Y	Y	Y	Y
	Mozilla Firefox	1.0.x 1.5.x 2.0.x	1.0.6 1.5.0 2.0.0	Y	Y	TBA	Y
	Apple Safari	1.x 2.x	1.0 2.0	Y	Y	Y	Y

**CM and BPM client environment requirements - Microsoft Office Integration**

Operating System	Browser	Supported Versions	Minimum Level Req'd	HTML Support	eForms Runtime	Viewer Support	BPM Applets, Search and Publish Designer
Mac OSX v 10.4	Mozilla Firefox	1.0.x 1.5.x	1.0.6 1.5.0	Y	Y	Y	N
	Apple Safari	1.x 2.x	1.0 2.0	Y	Y	Y	N
Other OS	Microsoft Internet Explorer	5.5 SPx 6.0 SPx	5.5 SP2 Base Release	Y	Y	Y	N
		7.0 SPx	Initial Release	Y	Y	Y	Y
	Mozilla Firefox	1.0.x 1.5.x	1.0.6 1.5.0	Y	Y	Y	N
	Apple Safari	1.x 2.x	1.0 2.0	Y	Y	Y	N

**Microsoft Office Integration**

Applications	Supported Versions	Minimum Level Req'd	Operating System	Supported Versions	Minimum Level Req'd
Microsoft Office and Outlook Integration	2000 SPx	2000 SP3	Microsoft Windows 2000 Professional	SPx	SP4
	XP SPx	XP SPx3	Microsoft Windows XP Professional	SPx	SP2
	2003 SPx	2003 SP1	Microsoft Vista	SPx	Initial release
	2007 SPx <sup>18</sup>				

<sup>18</sup> Introduced in P8AE-3.5.1-008.



## WebDAV

Applications	Supported Versions	Minimum Level Req'd	Operating System	Supported Versions	Minimum Level Req'd
Microsoft Internet Explorer	5.5 SPx	5.5 SP2	Microsoft Windows 2000 Professional	SPx	SP4
	6.0 SPx	Base Release	Microsoft Windows Server 2000 Server, Advanced Server	SPx	SP4
			Microsoft Windows Server 2003 Standard, Enterprise, Datacenter	SPx	Base
			Microsoft Windows XP Professional	SPx	SP2
			Microsoft Windows Server 2003 R2	SPx	Base
			Microsoft Windows 2000 Professional	SPx	SP4
Adobe Go Live	6.0	6.0	Microsoft Windows Server 2000	SPx	SP4
Dreamweaver	4.0.1	4.0.1	Microsoft Windows Server 2000 Server, Advanced Server	SPx	SP4
	MX	MX			
	MX 2004	MX 2004	Microsoft Windows Server 2003	SPx	Base
Microsoft Office <sup>19</sup>	2000 SPx	2000 SP3	Microsoft Windows Server 2003 Standard, Enterprise, Datacenter	SPx	Base
	2003 SPx	2003 SP1			
	XP SPx	XP SP 3	Microsoft Windows XP Professional	SPx	SP2
Windows Explorer	N/A	N/A	Microsoft Windows Server 2003 R2	SPx	Base Release

<sup>19</sup> Excludes Microsoft Access and Microsoft Front Page.

## Java support

### Client layer

FileNet P8 Java applets supports JRE 1.4.x and 1.5.x with 1.4.2 and 1.5.0\_04 (5.0) as the minimum required levels respectively. AE bundles the 1.4.2 JRE and downloads it to the client, if it is not already installed.

FileNet P8 clients are not automatically compatible with JRE updates. IBM recommends you contact customer support to confirm compatibility with newer JRE versions before upgrading your JRE. See ["Contact customer support"](#) on page 11.

### Capture

Capture Version	Operating System	Supported Versions	Minimum Level Req'd	Other
Capture 4.1	Microsoft Windows 2000 Professional	SPx	SP4	N/A
	Microsoft Windows Server 2000 Server, Advanced Server	SPx	Base	N/A
	Microsoft Windows Server 2003 Standard, Enterprise	SPx	Base	N/A
	Microsoft Windows Server 2003 R2 Standard, Enterprise	SPx	Base	N/A
	Microsoft Windows XP Professional	SPx	SP3	N/A
	Microsoft Windows Server 2003 R2	SPx	Base	N/A

Capture Version	Operating System	Supported Versions	Minimum Level Req'd	Other
Capture 5.0 <sup>20</sup>	Microsoft Windows 2000 Professional	SPx	SP 4	N/A
	Microsoft Windows Server 2000  Server, Advanced Server	SPx	SP4	N/A
	Microsoft Windows Server 2003  Standard, Enterprise	SPx	SP1	N/A
	Microsoft Windows Server 2003 R2	R2	Base	N/A
	Microsoft Windows XP Professional	SPx	SP2	N/A
	Remote Capture Services 1.0	Microsoft Windows Server 2003  Standard, Enterprise, and Web editions  <b>NOTE</b> Windows 2000 and 2003 Datacenter servers are not supported with Remote Capture Services.	SPx	SP1 w/patch 3
Microsoft Windows XP Professional  <b>NOTE</b> Windows XP is supported on single and dual processor PCs only.		SPx	SP1  <b>NOTE</b> Development only: SP2 w/patch 2 is supported.	Java Runtime 1.4.2.0  Current support is for Image Services.
Microsoft Windows Server 2000 and Advanced Server		SPx	SP4 w/patch 1	
SQL Server 2000		SPx	SP3	
Microsoft Internet Explorer		6.0	6.0	
Netscape		7.1	7.1	

<sup>20</sup> CAP-5.0.0-005.001 is the minimum supported level for use with Content Federated Services for Third Party Connectors. Capture 5.0.1 is the minimum supported level for use with Capture Advanced Data Recognition (ADR).

## CFS for CS

Version	Operating System/ Browser	Supported Versions	Minimum Level Req'd
Content Federated Services for Content Services 3.5.1 administrator application	Any operating system supported by the browsers listed in this table.  Mac clients are not currently supported.		
	Microsoft Internet Explorer	6.0	6.0
	Netscape	6.2.x.x	6.2.1.0

## eForms

This information is viewing the help files.

Version	Operating System/ Browser	Supported Versions	Minimum Level Req'd
eForms Designer 5.0.0-001	Microsoft Windows Server 2000 Professional	SPx	SP4
	Microsoft Windows XP Professional	SPx	SP2
	Internet Explorer	5.5 SPx 6.0 SPx 7.0 SPx	SP2 Initial Release Initial Release
eForms Designer 5.0.1	Microsoft Vista	SPx	Initial release

## File Tracker

File Tracker requires Internet Explorer version 5.5 or higher with Microsoft Windows 2000 SP3 or higher, Microsoft Windows XP, or Microsoft Vista. ActiveX must be configured on Internet Explorer.

## Process Analyzer

For more information, see [Process Analyzer](#) on page 39.

# Application Development

## Content and Process Java APIs

The Content and Process Java APIs support the following minimal levels for the Java 2 SDK levels, including any third-digit update.

- Sun J2SDK for Windows 1.4.0
- IBM J2SDK for Windows, 1.4.0
- Sun J2SDK for Solaris 1.4.0
- IBM J2SDK for Solaris 1.4.0
- IBM 32-bit SDK for AIX 1.4.0
- HP-UX SDK PA-RISC 1.4.0
- Sun J2SDK for Linux 1.4.0

### NOTES

- For more information, see the appropriate vendor documentation.
- FileNet P8 Java APIs may be used to develop EJBs as long as the application is deployed on an application server that supports EJB 2.0, such as, BEA WebLogic Server 8.x. and IBM WebSphere Application Server 5.x.

## Content and Process Web Services APIs

The Content and Process Web Services Integration (WSI) APIs are supported in the following development environments:

### CE WSI

- Visual Studio .NET 2003 with Web Services Enhancements (WSE) 2.0 SP2 and Microsoft .NET Framework 1.1 SP1 or Microsoft .Net Framework 2.0  
**NOTE** Using vbscript in Active Server Pages (\*.asp) to access the Content Engine is not supported.
- IBM Rational® Application Developer for WebSphere Software v6.0 and Interim Fix PQ98856

### PE WSI

- VisualStudio .NET 2003 with Web Services Enhancements (WSE) 2.0 SP2 and Microsoft .NET Framework 1.1 SP1
- WebSphere Studio Application Developer 5.1

## 64-bit support

### FileNet P8 Platform

Component	Supported	Not Supported
CE/AE/PE	Microsoft Windows: 64-bit hardware running a 32-bit Windows operating system (Legacy Mode), including x86 processor and AMD.	Windows Server 2003 for Itanium is not supported at this time.  64-bit hardware running a 64-bit Windows operating system (Long Mode/Compatibility Mode).  64-bit hardware running a 64-bit Windows operating system with FileNet P8 software.
AE	UNIX and Linux: (as listed for AE)	
	64-bit hardware running a 64-bit UNIX/Linux operating system with a 32-bit JVM.  Support based on application server support (Including x86 processor and AMD processors)	Itanium is not supported at this time.  64-bit hardware running a 64-bit UNIX/Linux operating system with a 64-bit JVM.  64-bit hardware running a 64-bit UNIX/Linux operating system with a 64-bit JVM with 64-bit FileNet P8 software.
PE	UNIX (as listed for PE)	
	64-bit hardware running a 64-bit UNIX operating system, including PA-RISC, SPARC and Opteron processors.  32-bit AIX not supported.	Itanium is not supported at this time.  64-bit hardware running a 64-bit UNIX operating system with a 64-bit JVM.  64-bit hardware running a 64-bit UNIX/Linux operating system with a 64-bit JVM with 64-bit FileNet P8 software.

### Image Services

For information, see the *IBM FileNet Image Services Compatibility and Dependency Matrix*. To download this document from the IBM support site, see [Accessing IBM FileNet documentation, compatibility matrices, and fix packs](#) on page 11.

## Scalability / high availability / disaster recovery

### Web farms

IBM supports configurations that separate HTTP servers from application servers. For example, you could use hardware-based solutions, such as Cisco routers, to build a web farm of HTTP servers.

### Application server farms

FileNet P8 AE supports both hardware-based and software-based load balancing. Some examples are:

- IBM WebSphere server or BEA WebLogic application server in conjunction a Cisco router (hardware-based load balancing).
- IBM WebSphere clones (software-based load balancing) in conjunction with a router.
- BEA WebLogic clusters (software-based load balancing) in conjunction with a router.

FileNet P8 eForms Server supports the same high-availability options as AE.

### CFS-CS and third-party connectors 3.5.1 server farms

These products cannot be used with web farms. This is a limitation imposed by the IBM Information Integrator Content Edition (IICE).

### Back-end server farms

In addition to web farms, CE can be load balanced in a farm environment using third-party farming software or hardware.

Additional publishing plug-in CE servers are required when more RE servers are added. IBM recommends that RE is collocated with a dedicated publishing plug-in CE on two or more machines.

For more information, see the *FileNet P8 Platform High Availability Technical Notice*. To download this document from the IBM support site, see [Accessing IBM FileNet documentation, compatibility matrices, and fix packs](#) on page 11.

### High availability

CE and PE support the following cluster server products:

- Microsoft Cluster Server (version 1.1 on Windows 2000 and version 1.2 on Windows 2003)
- VERITAS Cluster Server (version 4.0 for Solaris, AIX, and HP; version 4.1 for Windows 2000, 2003)
- Oracle 9i and 10g for Real Application Cluster (RAC)

Details regarding high availability support are covered in the *FileNet P8 Platform High Availability Technical Notice*.

## Disaster recovery

With the exception of IS, FileNet P8 components support VERITAS NetBackup and VERITAS Volume Replicator, as follows:

Operating System	Net Backup	Volume Replicator
AIX 5.1 AIX 5.2	5.0	4.0
HP UX 11i	5.0	3.5
Sun Solaris 8 Sun Solaris 9	5.0	4.0
Microsoft Windows Server 2000 SPx Microsoft Windows Server 2003 SPx Microsoft Windows Server 2003 R2	5.0	3.1

Coverage with these products includes:

- **CE** – Replication and backup of file store data, file store transaction logs, and database files (Microsoft SQL Server and Oracle data files, redo logs).
- **PE** – Replication and backup of PE configuration data (fnsw/local-solaris, fnsw\_loc-windows directories), and database files (Microsoft SQL Server and Oracle data files, redo logs).
- **AE** – Back up of the bootstrap.properties file.



## Section 508 and Terminal Services

### Section 508

The following applications have been qualified using the JAWS reader:

- Workplace
- FileNet P8 eForms
- RM
- CFS-CS and Third-Party Connectors

### Microsoft Terminal Services and Citrix

The following FileNet P8 applications support Microsoft Windows 2000 Terminal Services, Microsoft Windows Server 2003 Terminal Services, and Citrix:

- Workplace HTML interfaces, Image Viewer, Application Integration, Publish Designer, and Search Designer
- EM
- RM
- eForms (HTML forms)

### NOTES

- AE can be installed via Terminal Services. CE and PE, including fix pack updates cannot.
- Administration of AE and CE and EM is supported. However, the initiation of any Process-related services, such as the router, is not supported.
- IS products do not support Terminal Services. This is documented in the IS reference manual titled *Installation & Configuration Procedures for Windows Server, Release 4.0.0*, and applies to all IS releases. Terminal Services does not allow Xapex and other GUI functions to operate correctly. Some GUI's will lock up, not generate correctly, or might be missing selection options.
- For best results, run Terminal Services in console mode. For example, `mstsc.exe /console`.

## Remote Services

<b>Microsoft Terminal Services Remote Desktop Connector Console Mode</b>	
<b>Microsoft Windows Server 2003 SPx</b> Minimum version: SP1 x86, 32/64-bit Editions: Standard, Enterprise, and Datacenter Includes R2	✓
<b>Microsoft Windows XP SPx</b> Minimum version: SP2 x86, 32-bit Editions: Professional	✓
<b>Microsoft Windows Vista SPx</b> Minimum version: Base x86, 32-bit Editions: Business	✓

## Server virtualization

IBM continually strives to meet the diverse and ever changing needs of FileNet P8 clients. An increasing trend in the marketplace today is the use of virtualization technologies to maximize hardware efficiency and minimize costs. Virtualization products such as VMWare, Microsoft Virtual Server, Sun Dynamic System Domains, HP VSE, and LPARS primarily focus on operating several “virtual” machines on one physical machine, thus utilizing system resources more efficiently in a managed environment. Many clients interested in virtualization have requested that IBM qualify their products with these virtualization products. Although IBM support organizations, such as Development and QA, use virtualized environments, it would not be possible to certify every configuration of FileNet P8 products with every virtualization metaphor. Additionally, IBM does not individually certify specific client configurations. By design, virtualization products are transparent to the software they host and do not require special effort from software providers to code and test their use.

FileNet P8 products have been tested and qualified on a number of specific operating systems. With very few exceptions, FileNet P8 uses configurations and virtualized environments that are considered acceptable by the operating system, unless it has identified issues that are documented as unsupported.

When FileNet P8 software is installed in an environment that is native to the hardware/operating system in question, IBM does not require FileNet products run in isolation of other third-party products, unless explicitly stated otherwise. In the event a third-party product interferes with the correct functioning of FileNet P8 products, IBM might, at its sole discretion, opt to address the issue or, alternatively, require that its products not be co-located with this specific third-party product. IBM has not tested and makes no claims with reference to the performance of its products in environments where FileNet P8 products are co-located with third-party products. IBM does not guarantee that requirements and restrictions for co-location with third-party products will be maintained in future product releases.

## Support statement

Unless otherwise noted, IBM does support deployments of FileNet products in a virtualized environment. Although virtualization products are designed to be transparent to the software they host and do not require special effort from software providers to code and test their use, IBM has found that while this is mostly true, systems deployed in a virtualized environment might have performance issues and Communication issues with peripheral devices and other hardware components.

With regard to performance, running in a virtualized environment is likely to result in increased CPU utilization or other hardware resource consumption. As a result of this increase, system workload capacity may be reduced, and transaction response times may increase.

To that end, assuming that the virtualized machine is configured per FileNet P8 requirements, IBM supports deployments of all its products, unless otherwise noted, in a virtualized environment. However, in a virtualized environment, IBM might not be able to resolve issues related to system performance or issues that IBM suspects are related to communication with peripheral devices, and other hardware components Such as network cards, disk controllers, etc.).

In the event that IBM determines a particular issue is specific to virtualization technologies (Such as performance or communication with peripheral and hardware components), IBM might require that the customer reproduce the issue in a non-virtualized configuration. Due to the nature of virtualization technologies, IBM cannot guarantee resolutions to issues that are caused because a deployment is virtualized.

Additionally, it is the customer's responsibility to ensure that other associated 3rd party software is supported to run in the given virtualized environment Such as application servers, databases, and operating systems by the original vendor of that software.

Because virtual environments use more machine resources than non-virtual environments, IBM strongly recommends you gather baseline performance statistics from both types of environments and compare the results with your IBM representative before making any decisions about virtualized environments.

## Known issues

Items listed in this section are known issues when certain IBM components are deployed in a virtualized environment.

### Rendition Engine

When deployed on VMWARE there are known performance issues, and IBM cautions against use in production environments due to performance problems. Areas that can impact performance include:

- Generating large Tables of Content (TOCs)
- High transformation demands
- High publishing demands

The ability of a VMware system to handle production-level processing is unknown. Each customer will need to perform their own testing to ensure the system is operating within their required parameters.

## Collocation support

### Collocation within FileNet P8 Platform components

Some FileNet P8 components can be collocated, while other components require separate machines. These guidelines apply:

- CE and a PE can share the same Microsoft SQL Server 2000 or Oracle servers and database instances. The CE and PE support default and named instances of Microsoft SQL Server 2000 for both local and remote databases.
- AE should not be collocated with either AE or PE components.
- AE should be installed only once per application server (or virtual machine or WebSphere LPAR). You may, however, deploy multiple instances of a single AE version per application server.
- The eForms Server must be collocated on an AE machine.
- ISRA and the AE cannot be collocated on Tomcat.
- IBM recommends a dedicated server for RE in production environments. For scalability and/or high availability, IBM recommends RE is collocated with a dedicated publishing plug-in CE on two or more machines.

For more information, see the *FileNet P8 Platform High Availability Technical Notice*. To download this document from the IBM support site, see [Accessing IBM FileNet documentation, compatibility matrices, and fix packs](#) on page 11.

- RM must be collocated on an AE machine.
- For development and demo purposes only, all the FileNet P8 Platform and Add-On components can be collocated on the same Windows 2000 or Windows 2003 server. A single-machine setup is not a typical production deployment scenario, and is only appropriate for development and demonstration purposes. Although supported, best practices for having highly available and scalable configurations suggest that the AE, CE and PE engines cannot be co-located on a single server.

For a list of recommended configurations, see the sample configurations in the *FileNet P8 Platform Installation and Upgrade Guide*. To download this document from the IBM support site, see [Accessing IBM FileNet documentation, compatibility matrices, and fix packs](#) on page 11.

## Collocation with IM Suite components

### Clients

- IDM Desktop and WebServices 3.2 and 3.3 thick and thin clients (except Application Integration controls) can be collocated with Workplace and custom FileNet P8 Platform applications. The same is true for Open Client.
- WebServices 3.2 and 3.3 thin Application integration controls can be collocated with Workplace Application Integration controls.
- Capture 4.1 must be installed on a server that is in the same Windows domain as CE and requires that the CE client connectivity modules are installed on the Capture station. However, Capture 4.1 should not be collocated with either CE or EM.

### Services

- FileNet P8 Platform engines cannot be collocated with any IM Suite-based services including IS, CS, Workflow Services, and Web Services.
  - IS cannot be collocated with CE and PE
  - IS can share a remote DB with CE and PE in a separate instance

### Databases

- FileNet P8 Platform and IM Suite engines cannot share the same database instance; however, they can reside on the same database server in separate instances or databases.
- For more information, see the installation planning considerations in the *FileNet P8 Platform Installation and Upgrade Guide*. To download this document from the IBM support site, see [Accessing IBM FileNet documentation, compatibility matrices, and fix packs](#) on page 11.

# Hardware requirements

## Storage devices

### EMC Centera

CE can be configured to store content on EMC Centera Basic, Governance, and Compliance Edition Plus storage devices. This capability is qualified with the Centera SDK version 3.2.607 and supported in connection with all versions of CentraStar that are compatible with this version of the SDK.

Support is limited to the functional scope of CE integration with Centera as described in the FileNet P8 documentation and it should not be assumed that new features appearing in a release of CentraStar are automatically supported.

#### NOTES

P8CE-3.5.2-003 installs and supports Centera SDK 3.1.

P8CE-3.5.2-010 installs and supports Centera SDK 3.2.

CE 3.5.2 is certified with CentraStar 3.1. IBM does not support any versions of the Centera SDK that are installed, in whole or in part, over the FileNet P8-installed version.

According to EMC, all current versions of CentraStar are backward compatible with all versions of the Centera SDK, if the Centera device is configured to be compatible with the environment that the Centera SDK supports. In addition, specific versions of the SDK are backward compatible with CentraStar from a specific release and up. Refer to the Centera documentation for SDK and CentraStar compatibility.

### IBM TotalStorage DR550

CE can be configured to store content on IBM TotalStorage® DR550. "CE can be configured to store content on IBM TotalStorage DR550. This capability has been certified with IBM Tivoli Storage Manager for Data Retention, Version 5, Release 3, Level 2."

### SnapLock-enabled devices

CE can be configured to store content on SnapLock-enabled FAS or NearStore devices from Network Appliance, or on TotalStorage devices (N-series) from IBM. This capability has been certified with the NetApp Data ONTAP release 7.2.6.

## Recommended disk space and memory requirements

The table below identifies the recommended minimum disk space and memory requirements. Disk space requirements are for FileNet P8 software only. Additional space is required for data and related third-party applications, such as Microsoft Office for Rendition Engine and Application Integration. Memory requirements are highly dependent upon actual transaction workload and user activity. Recommendations below are estimates for entry-level deployments.

Component	Disk Space (MB)	Memory	Processor Speed
<b>Content Manager and Business Process Manager Server Components</b>			
Workplace		Per JVM	
• Microsoft Windows	150	2 GB	
• AIX, HP, Solaris, Red Hat Linux	250	2 GB	
Content Engine	600	2 GB	
Process Engine			
• Microsoft Windows	700	2 GB	
• AIX, HP, Solaris	400	2 GB	
Process Analyzer	60	2 GB	
Process Simulator	65	2 GB	
Rendition Engine	10GB	1 GB	
Documentation	100	512 MB	
<b>CM and BPM Client Components</b>			
Enterprise Manager	70	512 MB	
Microsoft Office and Outlook Integration (Does not include space required for Office or Outlook)	30 <sup>21</sup>	512 MB	
<b>Content Federated Services for Content Services and Content Federated Services for Third-Party Connectors</b>			
Federator Admin and Federator Explorer	180	512 MB (Federator Explorer)	
Federator database	Per customer configuration	2 GB	
IICE Server <sup>22</sup>	500	4 GB	
RMI Bridge <sup>23</sup>	190	512 MB per instance	

<sup>21</sup> 18 MB of the 30 MB of space is used during the installation process for temporary files. These temporary files are removed at the end of the installation process.

<sup>22</sup> The IICE Server and the Federator Admin run on the same application server instance. The total memory requirement of 4 GB is for both applications.

<sup>23</sup> If RMI Bridge is installed on a separate computer from the IICE Server.



Component	Disk Space (MB)	Memory	Processor Speed
<b>eForms</b>			
Designer	40	512 MB	
Server	30	2 GB/JVM	
Print Server	10	1 GB	
<b>Portal Integration</b>			
FileNet P8 Portlets	170	1.5 GB, with 1 GB for JVM	AIX, HP, Solaris: 1 GHz Windows: 2 GHz
<b>Records Manager</b>			
Records Manager		Per JVM	
<ul style="list-style-type: none"> <li>• Microsoft Windows</li> </ul>	150	2 GB	
<ul style="list-style-type: none"> <li>• AIX, HP, Solaris,</li> </ul>	250	2 GB	
<ul style="list-style-type: none"> <li>• RM components on CE</li> </ul>	37		
<ul style="list-style-type: none"> <li>• Disposition Sweep</li> </ul>	48		
<ul style="list-style-type: none"> <li>• File Plan Import/Export Tool</li> </ul>	48		



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This product incorporates technology covered by one or more of the following patents: U.S. Patent Numbers: 6,094,505; 5,768,416; 5,625,465; 5,369,508; 5,258,855.







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