

GC31-5582-00



Hardware and Software Requirements

Note

Before using this information and the product it supports, read the information in “Notices” on page 15.

This edition applies to version 3.6 of IBM FileNet Business Process Framework (product number 5724-R75) and to all subsequent releases and modifications until otherwise indicated in new editions.

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Revision Log

Date	Revision
06/23/2008	Updated document to reflect Business Process Framework support for MS SQL 2005 SP 2.
01/14/2008	Updated document to reflect Business Process Framework support for Oracle 10g. Made various changes throughout document to meet IBM requirements.
12/14/2006	Initial release of Business Process Framework 3.6

Supported Platforms

This topic provides details on the supported platforms and environment for the IBM® FileNet® Business Process Framework (BPF).

Accessing IBM FileNet documentation, compatibility matrices, and fix packs

Documentation

To access documentation for IBM FileNet products:

1. Navigate to the Information Management support page (www.ibm.com/software/data/support).
2. Select the appropriate IBM FileNet product from the "Select a category" list.
3. From the Product Support page, click **Product Documentation** under Learn.
4. From the Product Documentation page:
 - a. If necessary, display the list of component product documentation by clicking the appropriate Doc Link.
 - b. Click the icon in the appropriate release column to access the document you need.

Compatibility matrices and fix packs

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

1. Navigate to the Information Management support page (www.ibm.com/software/data/support).
2. Select the appropriate IBM FileNet product from the "Select a category" list.
3. From the Product Support page, click IBM FileNet Fix Packs under Download.
4. From the IBM FileNet Fix Packs page, click IBM FileNet P8 Platform.
5. From the Fix Packs for IBM FileNet P8 Platform page:
 - Click **Matrix** to access the compatibility matrix.
 - Click the release number to access the fix pack you need.

Business Process Framework 3.6

This is the overall product support matrix. Other details appear in sections below.

Operating System	Web Server	* Minimum CE / PE / AE	CE/PE/Meta DB
Windows® 2000 (Server, Advanced) SP4 Windows 2003 (Standard, Enterprise, Data Center) SP1	BEA WebLogic 8.1 SP4	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	Oracle 9.2.0.6 Oracle 9.2.0.7 Oracle 10g
Sun Solaris 9	BEA WebLogic 8.1 SP4	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	Oracle 9.2.0.6 Oracle 9.2.0.7 Oracle 10g
AIX® 5.2 ML 7 AIX 5.3 ML3	BEA WebLogic 8.1 SP4	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	Oracle 9.2.0.6 Oracle 9.2.0.7 Oracle 10g
HP-UX 11i B.11.11.0306.1	BEA WebLogic 8.1 SP4	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	Oracle 9.2.0.6 Oracle 9.2.0.7 Oracle 10g
Windows 2000 (Server, Advanced) SP4 Windows 2003 (Standard, Enterprise, Data Center) SP1	IBM WebSphere® 5.1.1.4 IBM WebSphere 6.0	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	Oracle 9.2.0.6 Oracle 9.2.0.7 Oracle 10g
Sun Solaris 9	IBM WebSphere 5.1.1.4 IBM WebSphere 6.0	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	Oracle 9.2.0.6 Oracle 9.2.0.7 Oracle 10g
AIX 5.2 ML 7 AIX 5.3 ML3	IBM WebSphere 5.1.1.4 IBM WebSphere 6.0	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	Oracle 9.2.0.6 Oracle 9.2.0.7 Oracle 10g
HP-UX 11i B.11.11.0306.1	IBM WebSphere 5.1.1.4 IBM WebSphere 6.0	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	Oracle 9.2.0.6 Oracle 9.2.0.7 Oracle 10g
Windows 2000 (Server, Advanced) SP4 Windows 2003 (Standard, Enterprise, Data Center) SP1	JBoss 4.0.2	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	Oracle 9.2.0.6 Oracle 9.2.0.7 Oracle 10g

Operating System	Web Server	* Minimum CE / PE / AE	CE/PE/Meta DB
Sun Solaris 9	JBoss 4.0.2	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	Oracle 9.2.0.6 Oracle 9.2.0.7 Oracle 10g
Windows 2000 (Server, Advanced) SP4 Windows 2003 (Standard, Enterprise, Data Center) SP1	Oracle Application Server 10g Release 2	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	Oracle 9.2.0.6 Oracle 9.2.0.7 Oracle 10g
Windows 2000 (Server, Advanced) SP4 Windows 2003 (Standard, Enterprise, Data Center) SP1	BEA WebLogic 8.1 SP4	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	MS SQL 2000 or MS SQL 2005
Sun Solaris 9	BEA WebLogic 8.1 SP4	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	MS SQL 2000 or MS SQL 2005
AIX 5.2 ML 7 AIX 5.3 ML3	BEA WebLogic 8.1 SP4	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	MS SQL 2000 or MS SQL 2005
HP-UX 11i B.11.11.0306.1	BEA WebLogic 8.1 SP4	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	MS SQL 2000 or MS SQL 2005
Windows 2000 (Server, Advanced) SP4 Windows 2003 (Standard, Enterprise, Data Center) SP1	IBM WebSphere 5.1.1.4 IBM WebSphere 6.0	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	MS SQL 2000 or MS SQL 2005
Sun Solaris 9	IBM WebSphere 5.1.1.4 IBM WebSphere 6.0	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	MS SQL 2000 or MS SQL 2005
AIX 5.2 ML 7 AIX 5.3 ML3	IBM WebSphere 5.1.1.4 IBM WebSphere 6.0	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	MS SQL 2000 or MS SQL 2005
HP-UX 11i B.11.11.0306.1	IBM WebSphere 5.1.1.4 IBM WebSphere 6.0	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	MS SQL 2000 or MS SQL 2005

Operating System	Web Server	* Minimum CE / PE / AE	CE/PE/Meta DB
Windows 2000 (Server, Advanced) SP4 Windows 2003 (Standard, Enterprise, Data Center) SP1	JBoss 4.0.2	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	MS SQL 2000 or MS SQL 2005
Sun Solaris 9	JBoss 4.0.2	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	MS SQL 2000 or MS SQL 2005
Windows 2000 (Server, Advanced) SP4 Windows 2003 (Standard, Enterprise, Data Center) SP1	Oracle Application Server 10g Release 2	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	MS SQL 2000 or MS SQL 2005
AIX 5.2 ML 7	IBM WebSphere 5.1.1.4 IBM WebSphere 6.0	3.5.1 / 3.5.1 / 3.5.1-001 or 3.5.2 / 3.5.2 / 3.5.1-002	IBM DB2® 8.2 fix pack 9

* For special fix pack level compatibility between products, see the P8 *Fix Pack Compatibility Matrix* for releases 3.5.x, 3.6.x and 3.7.x. To locate this *Compatibility Matrix*, see [Accessing IBM FileNet documentation, compatibility matrices, and fix packs](#).

BPF Client Components

This section identifies the supported software platforms for the FileNet BPF client software.

Client Component	Operating Systems /Browser/Applications/Other
End User Browser	Operating Systems: Windows XP Professional SP2 Window 2000 (Server, Advanced) SP4 Windows 2003 (Standard, Enterprise, Data Center) SP1 Brower: Microsoft Internet Explorer 6.0 SP1

BPF Explorer Client Components

This section identifies the supported software platforms for the FileNet BPF Explorer client software.

Client Component	Operating Systems /Browser/Applications/Other
BPF Explorer Client Software	Operating Systems: Window 2000 (Server, Advanced) SP4 Windows 2003 (Standard, Enterprise, Data Center) SP1 Other: Oracle Client 9.2.0.6 or higher Microsoft SQL Server 2000 SP4 Client or Microsoft SQL Server 2005 SP2 Client <i>Microsoft Active Script 6.5</i>

Operating Systems

This section identifies the supported operating systems and hardware for BPF.

Operating Systems	Hardware
Windows 2000 (Server, Advanced) SP4 Windows 2003 (Standard, Enterprise, Data Center) SP1	Intel® 32 bit
Sun Solaris 9	SPARC
AIX 5.2 ML 7 AIX 5.3 ML3	RS6000
HP-UX 11i (B.11.11.0306.1)	HP9000

Web Servers

This section identifies the supported web servers and their corresponding operating systems for BPF.

Web Server	Operating System
BEA Web Logic 8.1 SP4	Windows 2000 (Server, Advanced) SP4 Windows 2003 (Standard, Enterprise, Data Center) SP1 Sun Solaris 9 AIX 5.2 ML 7 AIX 5.3 ML3 HP-UX 11i (B.11.11.0306.1)
IBM WebSphere 5.1.1.4 IBM WebSphere 6.0	Windows 2000 (Server, Advanced) SP4 Windows 2003 (Standard, Enterprise, Data Center) SP1 Sun Solaris 9 AIX 5.2 ML 7 AIX 5.3 ML3 HP-UX 11i (B.11.11.0306.1)
JBoss 4.0.2	Windows 2000 (Server, Advanced) SP4 Windows 2003 (Standard, Enterprise, Data Center) SP1 Sun Solaris 9
Oracle Application Server 10g Release 2	Windows 2000 (Server, Advanced) SP4 Windows 2003 (Standard, Enterprise, Data Center) SP1

BPF Meta Database Support

This section identifies the databases that are supported and on which operating systems with BPF.

Databases	Operating System
Oracle 9.2.0.6 Oracle 9.2.0.7 Oracle 10g	Windows 2000 (Server, Advanced) SP4 Windows 2003 (Standard, Enterprise, Data Center) SP1 Sun Solaris 9 AIX 5.2 ML 7 AIX 5.3 ML3 HP-UX 11i (B.11.11.0306.1)
Microsoft SQL 2000 SP4 Standard Edition Microsoft SQL 2005 SP2 Standard Edition	Windows 2000 (Server, Advanced) SP4 Windows 2003 (Standard, Enterprise, Data Center) SP1

P8 Platform

FileNet Business Process Framework 3.5.2 is supported with the FileNet P8 3.5.1 or P8 3.5.2. Platform components as described in the [FileNet P8 Hardware and Software Requirements 3.5.x](#) guide on the CSS website.

Java Support - Server

Sun JDK 1.4.2_05 or higher is supported.

For IBM Websphere 5.1:

- IBM 32-bit SDK for Windows, Java™ 2 Technology Edition, Version 1.4.1 is supported.
- IBM 32-bit Runtime Environment for Windows, Java 2 Technology Edition, Version 1.4.1 is supported.

For IBM Websphere 6.0:

- IBM 32-bit SDK for Windows, Java 2 Technology Edition, Version 1.4.2 is supported.
- IBM 32-bit Runtime Environment for Windows, Java 2 Technology Edition, Version 1.4.2 is supported.

JDBC Drivers

BPF requires JDBC connection to both the FileNet Process Engine and the BPF Meta database. It is the customer's responsibility to provide the appropriate JDBC driver for the web server and database products they choose to use. FileNet has tested and recommends the following JDBC drivers. This section identifies the supported JDBC drivers and their corresponding web server / database combinations.

JDBC Driver	Web Server	Database
BEA's MS SQL Server Driver (Type 4) Versions: 7.0, 2000 or 2005	BEA WebLogic	MS SQL
BEA's Oracle Driver (Type 4) Versions: 8.1.7, 9.0.1, 9.2.0	BEA WebLogic	Oracle
Websphere embedded ConnectJDBC driver for MS SQL Server (Data sources Version 5)	Websphere	MS SQL
Oracle JDBC Thin Driver (Data sources Version 5)	Websphere	Oracle
DB2 Universal JDBC Driver Provider (Type 4 thin driver) Used for PE database connectivity only	Websphere	DB2
SourceForge JDBC Driver	JBoss	MS SQL
Oracle JDBC Thin Driver	JBoss	Oracle
DataDirect Type4 JDBC driver	Oracle Application Server	MS SQL
Oracle JDBC Thin Driver	Oracle Application Server	Oracle

Scalability / High Availability / Disaster Recovery

Not Tested.

Section 508

Not Tested.

Microsoft Terminal Services and Citrix

Not Tested.

Server Virtualization Technologies

Not Tested.

Collocation Support

BPF Metastore

The BPF Metastore can be collocated on the same database server as the PE or CE database.

BPF Web Application

The BPF Web Application is located and deployed on the same server type as the P8 AE/Workplace.

Hardware Requirements

Recommended Disk Space and Memory Requirements

The table below identifies the recommended minimum disk space and memory requirements. Disk space requirements are for FileNet 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
Business Process Framework Web Application Media Contents Size Deployed Application Size	335 36	* 1Gb
Business Process Framework Explorer	5	100Mb

*NOTE: The amount of memory indicated in the table above is specific to the particular BPF application component and is a minimum recommendation for a non-production environment. The amount the physical memory on the web applications server allocated to a BPF production environment depends on the size of the BPF configuration and it is recommended that it be set at 80% of the physical amount of RAM available.

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