



FileNet Business Process Framework Hardware and Software Requirements

Software Release 4.0.x

May 2007

FileNet is a registered trademark of FileNet Corporation.
All other product and brand names are trademarks or
registered trademarks of their respective companies.

Due to continuing product development, product
specifications and capabilities are subject to change
without notice.

Copyright© 2007 FileNet Corporation.
All rights reserved.

FileNet Corporation
3565 Harbor Boulevard
Costa Mesa, California 92626
1.800.FILENET (345.3638)
Outside the US, call:
1.714.327.3400
www.filenet.com

Contents

| | |
|---|---|
| Contents | 2 |
| Revision log..... | 3 |
| Introduction | 3 |
| Purpose | 3 |
| Supported platforms for BPF..... | 3 |
| BPF client components | 4 |
| JDBC drivers | 4 |
| BPF collocation support | 5 |
| P8 components collocation | 5 |
| BPF Web Application | 5 |
| Database collocation support | 5 |
| Microsoft SQL Server/IBM DB2/Oracle | 5 |
| Server virtualization technologies | 5 |
| Hardware requirements..... | 6 |
| Recommended requirements | 6 |

Revision log

| Date | Revision |
|----------|-----------------------------|
| 06/21/07 | Updated for 4.0 GA release. |
| 01/11/07 | Initial document release. |

Introduction

FileNet's ECM product strategy includes leveraging industry-standard platforms including operating systems, databases, and application servers. In order to provide the best service possible, FileNet certifies each of our 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 4.0 third-party hardware and software requirements that are specific to Business Process Framework (BPF).

Use this document in conjunction with the [FileNet P8 4.0.x Hardware and Software Requirements](#) to determine which third-party products are compatible with your BPF applications.

You can find the *FileNet P8 4.0.x Hardware and Software Requirements* document on the FileNet Customer Service and Support Web site <www.css.filenet.com> under **Prod Info > Products > Business Process Manager (BPM) > Product Documentation > 4.0.x Documentation**. To access this Web site, you need a login name and password issued by FileNet.

Supported platforms for BPF

BPF supports the same platforms and environments as the following FileNet P8 products on which it depends:

- P8 4.0 Content Engine
- P8 4.0 Process Engine
- P8 4.0 Application Engine
- P8 4.0 eForms (optional)

For detailed information about the platforms supported by these FileNet P8 products, see the [FileNet P8 4.0.x Hardware and Software Requirements](#).

For information about any special patch level requirements between products, the [FileNet P8 Content Engine 4.0 Compatibility Matrix](#).

You can find the *FileNet P8 Content Engine 4.0 Compatibility Matrix* on the FileNet Customer Service and Support web site <www.css.filenet.com> under **Prod Info > Products > Business Process Manager (BPM) > Compatibility & Dependency**. To access this Web site, you need a login name and password issued by FileNet.

BPF client components

The following table identifies the software platforms that are supported for the BPF client software.

| Client Component | Dependencies |
|------------------------------|--|
| End User Browser | Browser: Microsoft Internet Explorer 6.0 SP1 |
| BPF Explorer Client Software | Operating Systems: Windows Server 2003 SPx, 32-bit Standard, Enterprise, Datacenter/x86 NOTE SP1 is the minimum level for the operating system. Database Clients: IBM DB2 8.2.x.x FP6 or higher IBM DB2 9.1.x.x. Oracle Client 9.2.0.7 or higher Microsoft SQL Server 2000 Client software |

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 choice to use. FileNet has tested and recommends the following JDBC drivers for use with BPF. This section identifies the supported JDBC drivers and their corresponding web server/database combinations.

| Driver | Web Server | Database |
|---|--|--------------------|
| BEA MS SQL Server Driver (Type 4) Versions: 7.0, 2000 | BEA WebLogic 8.1.x BEA WebLogic 9.2 | MS SQL Server 2000 |
| Oracle Thin Driver (Type 4) Versions: 8.1.7, 9.0.1, 9.2.0 | BEA WebLogic 8.1.x BEA WebLogic 9.2 | Oracle 9i |
| Oracle 10.2.0.1.0 Thin Driver | BEA WebLogic 8.1.x BEA WebLogic 9.2 | Oracle 10g |
| DB2 Universal JDBC Driver Provider (Type 4 thin driver) | BEA WebLogic 8.1.x BEA WebLogic 9.2 | DB2 |
| WebSphere embedded ConnectJDBC driver for MS SQL Server (Data sources Version 5) | IBM WebSphere 5.1.x IBM WebSphere 6.0.x | MS SQL Server 2000 |
| Oracle JDBC Thin Driver (Data sources Version 5) | IBM WebSphere 5.1.x IBM WebSphere 6.0.x | Oracle 9i |

| Driver | Web Server | Database |
|---|--|------------|
| Oracle 10.2.0.1.0 Thin Driver | IBM WebSphere 5.1.x IBM WebSphere 6.0.x | Oracle 10g |
| DB2 Universal JDBC Driver Provider (Type 4 thin driver) | IBM WebSphere 5.1.x IBM WebSphere 6.0.x | DB2 |

BPF collocation support

Support for collocated BPF components is as specified in the following topics.

NOTE Collocated components require an appropriately sized server.

P8 components collocation

BPF Web Application

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

Database collocation support

Microsoft SQL Server/IBM DB2/Oracle

The BPF Metastore can be a local or remote SQL Server, Oracle, or DB2 database. The BPF Metastore can share the same database server as the Process Engine and Content Engine; however, it must be its own database instance or, for Oracle, its own tablespace.

Server virtualization technologies

FileNet does support deployments in a virtualized environment.

Hardware requirements

Recommended requirements

The table below identifies the recommended minimum disk space and memory requirements for BPF components. Disk space requirements are for BPF software only. Additional space may be required for data and related third-party applications.

For the requirements for other FileNet P8 products, see the *FileNet P8 4.0.x Hardware and Software Requirements*.

NOTE Memory requirements are highly dependent upon actual transaction workload and user activity. The recommendations provided in this table represent the minimum memory required in a nonproduction environment. The physical memory required for BPF on the Web application server in a production environment depends on the size of the BPF configuration. It is recommended that you allocate 80 percent of the physical RAM available to BPF.

| Component | Disk Space (MB) | Memory |
|---------------------------|-----------------|--------|
| BPF Web Application | | 1 GB |
| Media contents size | 530 | |
| Deployed application size | 30 | |
| BPF Explorer | 5 | 100 MB |