

IBM FileNet P8
Version 4.5

Hardware and Software Requirements



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Note

Before using this information and the product it supports, read the information in “Notices” on page 107.

This edition applies to version 4.5 of IBM FileNet P8 (5724-R76, 5724-R81, 5724-R74, 5724-R96, 5724-R81, 5724-R85, 5724-S13, 5724-S19, 5724-S17) and to all subsequent releases and modifications until otherwise indicated in new editions.

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Introduction

This document details the IBM® FileNet® P8 4.5.x hardware and software requirements for independent software vendors. Use this guide to determine which vendor software products are compatible with the 4.5.x version of FileNet P8 and its other products.

FileNet P8 and its other products support the specified minimum versions and later releases in the same version line (for example, fix packs, service packs, and so on) unless otherwise specified. This guide makes use of the “x” character to indicate for each vendor and release which levels past the minimum requirement will automatically qualify as a supported configuration. For example, consider the Red Hat Enterprise Linux 5.x operating system series. Our minimum requirement is version 5.1 but we show the requirement as 5.x. This means customers may install RHEL5.1, 5.2, 5.3 and so on and expect to be fully supported unless otherwise documented in this guide.

IMPORTANT While IBM provides support for independent software vendor releases, versions, service packs and patches, IBM has no control over the content and cannot guarantee compatibility with IBM FileNet products. In addition, IBM can support these independent software vendor products only in accordance with the vendor's own product dependencies and support statements. Before you install or upgrade a particular version of a vendor product, review the related IBM FileNet P8 planning information for any version-specific requirements.

Legend

Due to space limitations, the tables and text in this document use the following product name abbreviations, or short names even if they are not official abbreviations. When a topic refers to all component products within the P8 family the term “P8” will be used to refer to the entire product set.

Official Product name	Short Name	Abbreviation
IBM FileNet Application Engine (includes Workplace)	Application Engine	AE
Application Integration Business Content Services	App Int BCS	BCS
Business Activity Monitor		BAM
IBM FileNet Business Process Framework	Business Process Framework	BPF
IBM FileNet Capture	Capture	CAP
IBM FileNet Content Engine	Content Engine	CE
Content Federation Services – Content Manager on Demand		CFS-CMOD
Content Federation Services – Image Services		CFS-IS
CFS for IBM Content Integrator(previously named "Content Federation Services")		CFS-ICI
Configuration Manager Deployment Application	Configuration Manager	CMUI
Content Engine Web Upgrade Tool	Web Upgrader	CWE
FileNet Desktop eForms	Desktop eForms	DTeF
IBM FileNet eForms for P8	eForms	eF
FileNet eForms Designer	eForms Designer	eFD
IBM FileNet Enterprise Manager	Enterprise Manager	EM
IBM FileNet Deployment Manager	FileNet Deployment Manager	FDM
IBM FileNet Integration for Microsoft Office		FIMO
IBM FileNet Process Analyzer	Process Analyzer	PA
IBM FileNet Process Simulator	Process Simulator	FNPS or PS
IBM FileNet Records Manager	Records Manager	FNRM or RM
IBM FileNet Rendition Engine	Rendition Engine	FNRE or RE
FileNet Services for Lotus Quickr	QuickR	FNQS
General Parallel File System		GPFS

Official Product name	Short Name	Abbreviation
IBM Content Integrator		ICI
IBM Enterprise Records (previously named "IBM InfoSphere Enterprise Records")	Enterprise Records	IER
Oracle Outside In Search Exporter		INSO
FileNet Images Services		IS
Image Services Resource Adapter		ISRA
IBM Legacy Content Search Engine	Legacy Content Search Engine	LCSE
IBM FileNet Process Engine	Process Engine	PE
IBM FileNet Process Engine Web Services		PEWS
IBM FileNet Process Orchestration	Process Orchestration	PO
IBM FileNet Process Simulator	Process Simulator	PS or FNPS
Process Engine Visio Connector		PE VC
Red Hat Enterprise Linux	Red Hat	RH
IBM FileNet Records Manager	Records Manager	RM or FNRM
IBM System Dashboard for Enterprise Content Manager	System Dashboard	SD
FileNet Connectors for Microsoft SharePoint	SharePoint	SPC
Tivoli Directory Server		TDS
WebSphere Application Server	WebSphere	WAS
IBM Enterprise Content Management Widgets in Business Space (or in IBM Mashups Center)	Widgets	WDGT
Oracle WebLogic Server	WebLogic	WL
IBM FileNet Workplace XT	Workplace XT	WPXT

Associated documentation

See the following documents for related information about other IBM FileNet products that integrate with FileNet P8 Platform:

- IBM FileNet Capture and Remote Capture Services, Hardware and Software Requirements
- IBM FileNet Image Services, Image Services Resource Adapter, and Print Hardware and Software Requirements

To access these documents, follow the procedure described in Access IBM FileNet documentation, compatibility matrices, and fix packs, and then select the Image Manager Active Edition link. The Product Documentation for FileNet Image Manager page contains links to the Product Documentation pages for both Capture and Image Services.

The product documentation is also available in the IBM FileNet P8 Information Center at:

<http://publib.boulder.ibm.com/infocenter/p8docs/v4r5m1/index.jsp>

To access information for IBM Cognos Now!, see:

http://www-01.ibm.com/software/data/cognos/products/now/support/?S_CMP=rnavAccess

See the following for related information about the IBM Production Imaging Edition, which includes components of the IBM FileNet P8 Platform:

<http://www-01.ibm.com/software/data/content-management/production-imaging>

Access 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.

Contact 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. Select the product of interest.
3. Search for a particular support topic under "Enter search terms." or use the other navigational aids on that page.

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. 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).

Server requirements

All products within a single FileNet P8 4.5.x domain must use the same brand of application server with the same version number, up to the level indicated with an "x" character. Levels indicated with an "x" character can be different providing they are at least at the required minimum level as specified in the following tables.

For third-party components, the appropriate vendors' support documentation should be reviewed to assure functionality and support. Refer to the [IMPORTANT](#) notice in the Introduction of this guide for IBM's support statement for vendor products.

Java EE-based products

The information in the following tables summarizes FileNet P8 support for Java™ EE-based products.

- The tables under [Application servers](#) list the application servers that are supported by IBM FileNet P8 Java EE products.
- The tables under [Application servers and operating system combinations](#) list the supported combinations of operating systems and supported application servers.
- Support is indicated by a check mark. A blank cell indicates non support.

Application servers

For information about the supported Java developer kits, see [Supported application server Java Virtual Machines](#) on page 19.

The tables in this section list the supported application servers for Content Manager, Business Process Manager, and Other products. Support is indicated by a check mark. A blank cell indicates non support

For information about the operating systems that are supported by the supported application servers, see [Application servers and operating system combinations](#) on page 20.

Tables in this section are arranged by:

- [Content Manager](#)
- [Business Process Manager and Other products](#)

Content Manager

	Content Manager					
	AE 4.0.2.x	CE 4.5.x	CFS 4.5.x	WPXT 1.1.3.x & 1.1.4.x	WPXT 1.1.5.x	FNQS 1.0 & 1.1
WebSphere® Application Server 6.1.0.x <i>Editions:</i> Base, Express, Network Deployment Minimum version: 6.1.0.17 Bit: 32-bit and 64-bit deployments BPM and Other products support	✓	✓	✓	✓	✓	✓
WebSphere Application Server 7.0.0.x <i>Editions:</i> Base, Express, Network Deployment Minimum version: 7.0.0.3 Bit: 32-bit and 64-bit deployments BPM and Other product support	✓	✓ Minimum: P8CE 4.5.1-001	✓ See Notes	✓ Minimum: WPXT 1.1.4.0 with WAS 7.0.0.5 or higher	✓	✓ Minimum: FNQS 1.1 with WAS 7.0.0.7 or higher
WebLogic Platform 9.2.x WebLogic Server 9.2.x <i>Editions:</i> Server Premium Server Advantage Express Basic Express Premium Minimum version: 9.2 base Bit: 32-bit and 64-bit deployments BPM and Other product support	✓	✓ Server Premium & Server Advantage only	✓ Server Premium & Server Advantage only	✓		
WebLogic Platform 10.0.x WebLogic Server 10.0.x <i>Editions:</i> Server Premium Server Advantage Express Basic Express Premium Minimum version: MP1 Bit: 32-bit and 64-bit deployments BPM and Other product support	✓ See Notes	✓ Server Premium & Server Advantage only See Notes	✓ Server Premium & Server Advantage only	✓		

	Content Manager					
	AE 4.0.2.x	CE 4.5.x	CFS 4.5.x	WPXT 1.1.3.x & 1.1.4.x	WPXT 1.1.5.x	FNQS 1.0 & 1.1
WebLogic Platform 10.3.0 WebLogic Server 10.3.0 <i>Editions:</i> Server Premium Server Advantage Express Basic Express Premium Minimum version: 10.3.0 Bit: 32-bit and 64-bit deployments BPM and Other product support	✓	✓ Server Premium & Server Advantage only See Notes	✓ Minimum: P8CFS-4.5.0-001 Server Premium & Server Advantage only	✓ See Notes in next section for operating system limitations		
Oracle WebLogic Server 11g (10.3.1, 10.3.2) <i>Editions:</i> Server Premium Server Advantage Express Basic Express Premium Minimum version: 10.3.1 Bit: 32-bit and 64-bit deployments BPM and Other product support	✓ Minimum: AE 4.0.2.6	✓ Minimum: CE 4.5.1	✓ Minimum: CFS 4.5.1	✓ Minimum: WPXT 1.1.4.6 See Notes in next section for operating system limitations	✓	
JBoss Application Server 4.0.x <i>Edition:</i> Open Source Edition Minimum version: 4.0.5 Bit: 32-bit and 64-bit deployments BPM and Other product support	✓	✓	✓	✓		
JBoss Application Server 4.2.x <i>Edition:</i> Open Source Edition Minimum version: 4.2.3 Bit: 32-bit and 64-bit deployments BPM and Other product support	✓	✓ Minimum: P8CE 4.5.0-002	✓ Minimum: P8CFS 4.5.0-002	✓ Minimum: WPXT 1.1.3.5		
JBoss Application Server 4.3 <i>Edition:</i> Enterprise Application Platform Minimum version: 4.3.0 Bit: 32-bit and 64-bit deployments BPM and Other product support	✓	✓ Minimum: CE 4.5.1	✓ Minimum: CFS 4.5.1	✓ Minimum: WPXT 1.1.4.x See Notes	✓	
JBoss Application Server 5.0.x <i>Edition:</i> Open Source Edition Minimum version: 5.0.1 Bit: 32-bit and 64-bit deployments BPM and Other product support	✓ Minimum: 4.0.2.4 P8AE-FP004	✓ Minimum: CE 4.5.1 See Notes	✓ Minimum: CFS 4.5.1	✓ Minimum: WPXT 1.1.4.1	✓	

	Content Manager					
	AE 4.0.2.x	CE 4.5.x	CFS 4.5.x	WPXT 1.1.3.x & 1.1.4.x	WPXT 1.1.5.x	FNQS 1.0 & 1.1
JBoss Application Server 5.1.x <i>Edition:</i> Enterprise Application Platform Minimum version: 5.1.0 Bit: 32-bit and 64-bit deployments BPM and Other product support	✓ Minimum: 4.0.2.6 P8AE-FP006 See Notes	✓ Minimum: CE 4.5.1 See Notes	✓ Minimum: CFS 4.5.1 See Notes			
JBoss Application Server 5.1.x <i>Edition:</i> Open Source Edition Minimum version: tbd Bit: 32-bit and 64-bit deployments BPM and Other product support						

Business Process Manager and Other products

	Business Process Manager					Other products			
	BAM 4.5.0	BPF 4.1.0	PE Clients: PO, REST & PEWS API	CN 4.5.2-001 4.6	WDGT 4.5.x & PE REST Srvcs	eForms 4.0.2	RM 4.5.0	IER 4.5.1	P8 IC 4.5.1
WebSphere Application Server 6.1.0.x <i>Editions:</i> Base, Express, Network Deployment Minimum version: 6.1.0.17 32-bit and 64-bit deployments CM support	✓ Minimum: 6.1.0.23	✓ Minimum: BPF-4.1.0-003 See Notes & Operating system exceptions	✓	See Notes	✓ WAS 32-bit only. WDGT 4.5.1 with WAS 6.1.0.23 or higher WDGT 4.5.2.x does not support WAS 6.1.x	✓ See Notes	✓	✓	✓

	Business Process Manager					Other products			
	BAM 4.5.0	BPF 4.1.0	PE Clients: PO, REST & PEWS API	CN 4.5.2-001 4.6	WDGT 4.5.x & PE REST Srvcs	eForms 4.0.2	RM 4.5.0	IER 4.5.1	P8 IC 4.5.1
WebSphere Application Server 7.0.0.x <i>Editions:</i> Base, Express, Network Deployment Minimum version: 7.0.0.3 32-bit and 64-bit deployments CM support	✓	✓ Minimum: BPF-4.1.0-003 See Notes & Operating system exceptions	✓	See Notes	✓ WAS 64-bit is supported only with WDGT 4.5.2.1 or higher. Minimum: WDGT 4.5.2 with WAS 7.0.0.7 + IFPK96506 or higher	✓ See Notes	✓ See Notes	✓ See Notes	✓
WebLogic Platform 9.2.x WebLogic Server 9.2.x <i>Editions:</i> Server Premium Server Advantage Express Basic Express Premium Minimum version: 9.2 base Bit: 32-bit and 64-bit deployments CM support	✓	✓ Minimum: BPF 4.1.0-003 32-bit only See Notes & Operating system exceptions	✓	See Notes		✓ See Notes	✓ Minimum: WL MP4 See Notes	✓ Minimum: WL MP4 See Notes	✓
WebLogic Platform 10.0.x WebLogic Server 10.0.x <i>Editions:</i> Server Premium Server Advantage Express Basic Express Premium Minimum version: MP1 Bit: 32-bit and 64-bit deployments CM support	✓ See Notes	✓ Minimum: BPF- 4.1.0-003 32-bit only See Notes & Operating system exceptions	✓	See Notes		✓ See Notes	✓ Minimum: WL MP2 See Notes	✓ Minimum: WL MP2 See Notes	
WebLogic Platform 10g (10.3.0) WebLogic Server 10.3.0 <i>Editions:</i> Server Premium Server Advantage Express Basic Express Premium Minimum version: 10.3.0 Bit: 32-bit and 64-bit deployments CM support		✓ Minimum: BPF- 4.1.0-004 32-bit only See Notes & Operating system exceptions	✓	See Notes		✓ See Notes	✓	✓	

	Business Process Manager					Other products			
	BAM 4.5.0	BPF 4.1.0	PE Clients: PO, REST & PEWS API	CN 4.5.2-001 4.6	WDGT 4.5.x & PE REST Srvcs	eForms 4.0.2	RM 4.5.0	IER 4.5.1	P8 IC 4.5.1
Oracle WebLogic Server 11g (10.3.1, 10.3.2) <i>Editions:</i> Server Premium Server Advantage Express Basic Express Premium Minimum version: 10.3.1 Bit: 32-bit and 64-bit deployments CM support		✓ Minimum: BPF4.1.0-005 See Notes & Operating system exceptions	✓	See Notes		✓ See Notes		✓	
JBoss Application Server 4.0.x <i>Edition:</i> Open Source Edition Minimum version: 4.0.5 Bit: 32-bit and 64-bit deployments CM support	✓ See Notes	✓ Minimum: BPF 4.1.0-003 32 bit only See Notes & Operating system exceptions	✓	See Notes		✓ See Notes	✓	✓	✓
JBoss Application Server 4.2.x <i>Edition:</i> Open Source Edition Minimum version: 4.2.3 Bit: 32-bit and 64-bit deployments CM support	See Notes	✓ Minimum: BPF 4.1.0-003 32 bit only See Notes & Operating system exceptions	✓	See Notes		✓ Minimum: P8eF 4.0.2-002 See Notes	✓	✓	
JBoss Application Server 4.3 <i>Edition:</i> Enterprise Application Platform Minimum version: 4.3.0 Bit: 32-bit and 64-bit deployments CM support	See Notes		✓	See Notes		✓ See Notes	✓	✓	
JBoss Application Server 5.0.x <i>Edition:</i> Open Source Edition Minimum version: 5.0.1 Bit: 32-bit and 64-bit deployments CM support	See Notes		✓	See Notes		✓ Minimum: P8eF 4.0.2-002 See Notes		✓	

	Business Process Manager					Other products			
	BAM 4.5.0	BPF 4.1.0	PE Clients: PO, REST & PEWS API	CN 4.5.2-001 4.6	WDGT 4.5.x & PE REST Srvcs	eForms 4.0.2	RM 4.5.0	IER 4.5.1	P8 IC 4.5.1
JBoss Application Server 5.1.x <i>Edition:</i> Enterprise Application Platform Minimum version: 5.1.0 Bit: 32-bit and 64-bit deployments CM support	See Notes		✓ Minimum: 4.5.1 See Notes	See Notes		✓ Minimum: P8eF 4.0.2-002 See Notes		✓	
JBoss Application Server 5.1.x <i>Edition:</i> Open Source Edition Minimum version: tbd Bit: 32-bit and 64-bit deployments CM support	See Notes			See Notes		✓ Minimum: P8eF 4.0.2-002 See Notes			

NOTES

- Support for either the 32-bit or 64-bit editions of an application server running on either the 32-bit or 64-bit edition of an operating system is dependent on the application server support unless exceptions are noted. For more information, see the individual application server vendor's support documentation.
- FileNet P8 supports separated HTTP server functionality as supported by the application server.
- The WebDAV servlet in Workplace supports only IBM HTTP Server 6.x as the load balancing HTTP server using plug-ins from IBM WebSphere Application Server.
- Content Federation Services
 - The Content Federation Services column in the previous table refers only to Content Federation Services with IBM Content Integrator (CFS-ICI) not to CFS-IS or CFS-CMOD. Refer to the Content Engine column for information on what is supported for CFS-IS and CFS-CMOD.
 - See [Content Federation Services](#) for additional application server requirements.
- Application Engine 4.0.2, eForms 4.0.2, Workplace XT 1.1.3, Workplace XT 1.1.4, IBM FileNet Services for Lotus Quickr (FNQS) 1.0, Business Process Framework (BPF) 4.1.0, and IBM FileNet Records Manager (RM) 4.5.0 also support Content Engine 4.0.1 and Process Engine 4.0.x installations. For information on independent software vendor hardware and software requirements, see the *IBM FileNet P8 4.0 Hardware and Software Requirements* document. To download this document, see [Access IBM FileNet documentation, compatibility matrices, and fix packs](#).
- BAM 4.5.0 is the terminal release of this product. P8 4.5.1 provides direct IBM Cognos Now! integration. For hardware and software requirements of the IBM Cognos Now! Suite, see http://www-01.ibm.com/software/data/cognos/products/now/support/?S_CMP=rnav.

- IBM FileNet Business Process Manager

Do not use the IBM Java 6.0 SR2 or IBM Java 6.0 SR3 with IBM FileNet Business Process Manager 4.5.1 or any other FileNet P8 application that uses the Process Engine 4.5.1 Web Services API.

- eForms

When using eForms 4.0.2 with JBoss 5.0, an error message appears when an HTTP lookup is triggered on a form. For the workaround, see the following IBM FileNet tech note: http://www-01.ibm.com/support/docview.wss?rs=0&q1=commons-httpclient.jar&uid=swg21432299&loc=en_US&cs=utf-8&cc=us&lang=en.

See additional notes in the Application Server and Operating System Combinations and Application Deployment Notes section for IBM FileNet eForms.

- ECM Widgets

ECM Widgets 4.5.2 is also supported in a mixed WebSphere environment where Content Engine is deployed into WebSphere 6.1.0.x and ECM Widgets with Workplace XT is deployed into WebSphere 7.0.0.x.

- IBM FileNet Content Engine Web Upgrade Tool 4.5.1

- The IBM FileNet Content Engine Web Upgrade Tool (CWE) is available only with CE 4.5.1 FP2 and higher
- The CWE supports all operating systems, application servers and databases as CE.
- The CWE supports only IE8.

- Records Manager and IBM Enterprise Records

- See Records Manager in the FileNet P8 application deployment notes section for additional RM 4.0.0 and RM 4.5.0 requirements for use with FileNet P8 4.5.1.
- The minimum Websphere 7.0 level for IBM Enterprise Records 4.5.1 and FileNet Records Manager 4.5 is WebSphere 7.0.0.13 and 7.0.0.13-WS-WAS-IFPM24313.pak, or WebSphere 7.0.0.15 and higher.

- Additional Notes for WebSphere:

- **IMPORTANT** All customers running WebSphere v6.1 or v7.0.x should immediately apply the following security fix to their deployments. This fix should be applied to all web applications and all web service applications as well as to the WebSphere admin console. The critical fix is PK81387: http://www-01.ibm.com/support/docview.wss?rs=180&context=SSEQTP&dc=D600&uid=swg21376806&loc=en_US&cs=UTF-8&lang=en.
- **IMPORTANT** All customers running WebSphere should review this tech note to determine whether their P8 servers and applications may face a security exposure caused by an plugin-key.kdb password expiration on April 26, 2012 US EDT. <http://www-01.ibm.com/support/docview.wss?uid=swg21592371>
- Do not use WebSphere 6.1.0.17 and JRE 1.5.0 SR7 with FileNet P8 applications that use the Process Engine REST API.
- Consult the BPF 4.1.0 Release Notes for item 803298 for information on how to install BPF 4.1.0 with the WebSphere 7 Application Server.

- The base version of WebSphere Application Server that is bundled with Content Engine does not include cluster support. To configure clusters, you must have Content Engine installed on servers that are running the IBM WebSphere Application Server Network Deployment version.
- The minimum Websphere 7.0 level for IBM Enterprise Records 4.5.1 and FileNet Records Manager 4.5 is WebSphere 7.0.0.13 and 7.0.0.13-WS-WAS-IFPM24313.pak, or WebSphere 7.0.0.15 and higher.
- Starting with WebSphere 7.0.0.7 configuration manager jmx features (retrieving cell/node/server names, testing server and database connections) will stop working. To run CMUI 4.5.1.x with WebSphere 7.0.0.7 and higher, see the following IBM FileNet tech notes:
<http://www-01.ibm.com/support/docview.wss?uid=swg21415627>
<http://www-01.ibm.com/support/docview.wss?uid=swg21415628>
<http://www-01.ibm.com/support/docview.wss?uid=swg21415629>
- There is no workaround at this time for the Solaris operating system or for WebSphere 64-bit version of the application server.
- Support for Oracle databases with Websphere 7.0.0.15 requires WAS iFix 7.0.0.15-WS-WAS-IFPM34365.pak.
- WebSphere 6.1 and 7.0 for Content Engine requires the fix for APAR PK54565.
- Additional Notes for JBoss
 - P8 support of JBoss is contingent on the version of the application server. Both JBoss EAP platform releases 5.0 and 5.1.0 are valid.
 - JBoss Open Source editions are bound by fixes provided by the JBoss community. For more information, see <http://www.jboss.org>.
 - FileNet P8 supports only the zipped version of the JBoss application server or the version that is installed with the “Default” or “Standard” option of the JBoss Enterprise Middleware Software installation. FileNet P8 does not support the version that is installed with the “All” option of the JBoss Enterprise Middleware Software installation.
 - JBoss 5.0.1 Open Source Edition does not support Oracle data sources. For more information, see <https://jira.jboss.org/jira/browse/JBAS-7086?page=com.atlassian.jira.plugin.system.issuetabpanels:all-tabpanel>.
 - JBoss 5.0.1 Open Source Edition blocks P8 Domain creation when using LDAP encryption.
 - The ISRA Servlet shipped with Application Engine supports JBoss 4.2.3 and JBoss 5.1.0 with 4.0.2.6-P8AE-FP006 and higher.
 - Consult the BPF 4.1.0 Release Notes for item 832302 for information on how to install BPF 4.1.0 with the JBoss 4.2.x Application Server.
 - Deployments of WPXT 1.1.4.x on JBoss 4.3.x EAP edition will result in errors such as: "java.lang.NullPointerException"

- To eliminate the error add the following lines: to web.xml:
 <listener>
 <listener-class>com.sun.faces.config.ConfigureListener</listener-class>
 </listener>
- IBM requires patch number JBPAPP-3812 for JBoss 5.0.x EAP from RedHat. Available at:
<https://support.redhat.com/jbossnetwork/restricted/softwareDetail.html?softwareId=1673>.
- JBoss 5.x EAP and AS versions and Out of Memory Exception
 - The IBM ECM P8 performance team uncovered an Out of Memory exception in the JBoss application servers security layer that caused memory retention in AS 5.0.1 versions of JBoss. The OOM problem occurs between 30-60 hours of running longevity under a load of 800 transactions per minute. Memory leak is 4MB per hour. Impact to P8 is crash of CE. Remedied by restarting App Server
 - JBoss accepted the defect as being theirs and has targeted a fix in the v6 AS JBoss release. There is no fix targeted for any JBoss AS 5.x line.
 - Refer to this IBM Flash document for more information:
http://www.ibm.com/support/docview.wss?rs=0&context=SWN00&dc=D600&uid=swg21431260&loc=en_US&cs=utf-8&lang=
- Additional Notes for WebLogic
 - A P8 deployment on WebLogic 10.3 will result in a benign error message being written to the WebLogic nohup.out file. The error message is "Failed to load servlet class :com.filenet.wcm.toolkit.server." You can ignore the error, start the RM application, then login--your RM deployment will succeed.
 - When using FileNet P8 4.5.x with WebLogic 10 MP1, the following fix is required: CR358509: CASE TITLE: Authentication failure in WebLogic 10 MP1 when valid credentials submitted.
 - Consult the BPF 4.1.0 Release Notes for item 803298 for information on how to install BPF 4.1.0 with the WebLogic 10.x Application Server.
 - When running IBM Records Manager or IBM InfoSphere Enterprise Records with P8 and WebLogic 9.2 or WebLogic 10.0 the following fix is required: Oracle reference number 8211809. This issue is addressed by WebLogic 9.2 MP4 or WebLogic 10.0 MP2.
 - CE 4.5.1 does not support Oracle WebLogic Server 11g Rel 1 (10.3.3).

Supported application server Java Virtual Machines

FileNet P8 supports the minimum Java Runtime Environment (JRE) version that is provided with an application server unless otherwise noted. Support includes both 32-bit and 64-bit JDK/JREs.

- The following versions of JDK/JRE Java 5, v1.5 are supported:
 - IBM

- HP
- Sun
- JRockit
- For clients running within Java EE application servers (including stand-alone Java clients using EJB transport), the JDK/JRE must be supported by the application server vendor.
- JDKs/JREs must be entitled to use the "Java Compatible" logo which means, among other things, that they have passed Java Certification Kit (JCK) testing. (See <http://www.java.com/en/about/brand/>.) Additionally, only JDKs published by IBM, Sun Microsystems, the application server vendor, or the operating system vendor are supported.
- Content Federation Services with IBM Content Integrator requires a minimum version of JRE version 1.5.0. (This is the IBM Content Integrator JVM requirement.)
- Additional Notes for WebSphere
 - JDK/JRE v1.6 is supported with WebSphere 7.x.
- Additional Notes for WebLogic
 - JRockit deployments require JRockit v1.5.0_14 or higher for WebLogic 9.2 and WebLogic 10.
 - JRockit v1.6 is supported with WebLogic 10.3.
 - Sun JDK/JRE deployments require Java 5 v1.5.0_07 or higher.
- Additional Notes for JBoss
 - JRockit is not supported with JBoss.
 - JBoss does not install with a JDK, therefore you must manually install JDK version 1.5.0 or higher.
 - JBoss 5.0 EAP must use JDK1.6.0_17b

Application server and operating system combinations

The tables in this section list the supported combinations of operating systems and supported application servers. Support is indicated by a check mark. A blank cell indicates non support.

Not all of the products support every operating system supported by the application server vendor; see the Notes section for exceptions.

For information about the application servers that are supported by IBM FileNet P8 Java-EE products, see [Application Servers](#) on page 10.

Disclaimer:

This document provides our best understanding of support for independent software vendor releases for compatibility between Application Servers, Operating Systems and the P8 product components at the time of the document release. However, IBM has no control over 3rd-party vendor content; it is subject to change at the discretion of the 3rd-party vendor. .

We highly recommend that before you install or upgrade that you review both the related IBM FileNet P8 planning information and the vendor's most current support statement for any version-specific requirements.

Tables in this section are arranged by application server:

- [WebSphere and WebLogic](#)
- [JBoss](#)

WebSphere and WebLogic

	WebSphere 6.1.0.x	WebSphere 7.0.0.x	WebLogic 9.x	WebLogic 10.0.x	WebLogic 10g (10.3.0)	WebLogic 11g R1 (10.3.1-10.3.2)
IBM AIX 5.3 TLx Minimum version: TL4 IBM POWER-based processors, 64-bit JBoss support	✓	✓	✓	✓	✓ Minimum: TL7 See Notes	✓ Minimum: TL8 See Notes
IBM AIX 6.1 TLx Minimum version: Base IBM POWER-based processors, 64-bit JBoss support	✓	✓	✓	✓	✓ See Notes	✓ Minimum: TL2 See Notes
IBM AIX 7.1 TLx Minimum version: IBM POWER-based processors, 64-bit JBoss support						
Microsoft Windows Server 2003 SPx Editions: Standard,Enterprise,Datacenter Includes R2 Minimum version: SP1 x86, 32-bit and 64-bit JBoss support	✓	✓	✓	✓	✓	✓ Minimum: SP2

	WebSphere 6.1.0.x	WebSphere 7.0.0.x	WebLogic 9.x	WebLogic 10.0.x	WebLogic 10g (10.3.0)	WebLogic 11g R1 (10.3.1-10.3.2)
Microsoft Windows Server 2008 SPx Editions: Standard,Enterprise,Datacenter Minimum version: Base x86, 32-bit and 64-bit JBoss support	✓ See Notes	✓ See Notes		✓ See Notes	✓ See Notes	✓ Minimum: SP1
Microsoft Windows Server 2008 R2 SPx Editions: Standard,Enterprise,Datacenter Minimum version: Base x86, 64-bit JBoss support	✓ Min. v6.1.0.29	✓ See Notes				Supported in P8 5.0
Sun Solaris 9 Minimum version: Base SPARC, 64-bit JBoss support	✓		✓	✓	✓	
Sun Solaris 10 Minimum version: Base SPARC, 64-bit JBoss support	✓	✓	✓	✓	✓	✓ Minimum: Update 6
HP-UX 11i v2 Minimum version: Base PA-RISC and Itanium® 64-bit JBoss support	✓	✓	✓	✓	✓	✓ Minimum: Quality Pack Bundle for HP-UX 11i v2, March 2007+
HP-UX 11i v3 Minimum version: Base PA-RISC and Itanium, 64-bit JBoss support	✓	✓	✓	✓	✓	✓ Minimum: Quality Pack Bundle for HP-UX 11i v3, March 2008+
Red Hat Enterprise Linux® 4.x Editions: AS, ES, WS Minimum version: Base x86, 32-bit and 64-bit JBoss support	✓	✓	✓	✓ See Notes	✓	✓ Minimum: UL7
Red Hat Enterprise Linux 4.x Editions: AS, ES, WS Minimum version: Base System z 64-bit JBoss support	✓	✓				✓ Minimum: UL7

	WebSphere 6.1.0.x	WebSphere 7.0.0.x	WebLogic 9.x	WebLogic 10.0.x	WebLogic 10g (10.3.0)	WebLogic 11g R1 (10.3.1-10.3.2)
Red Hat Enterprise Linux 5.x <i>Editions:</i> Advanced Platform, Server Minimum version: 5.1 x86, 32-bit and 64-bit JBoss support	✓ See Notes	✓ See Notes	✓ See Notes	✓ See Notes	✓ See Notes	✓ Minimum: UL3
Red Hat Enterprise Linux 5.x <i>Editions:</i> Advanced Platform, Server Minimum version: 5.1 System z 64-bit JBoss support	✓ See Notes	✓ See Notes				✓ Minimum: UL3
Red Hat Enterprise Linux 6.x <i>Editions:</i> Advanced Platform, Server Minimum version: x86, 32-bit and 64-bit JBoss support	✓	✓				
Red Hat Enterprise Linux 6.x <i>Editions:</i> Advanced Platform, Server Minimum version: System z 64-bit JBoss support	✓	✓				
Novell SUSE Linux Enterprise Server 9 SPx Edition: SLES Minimum version: Base x86, 32/64-bit Edition: SLES JBoss support	✓	✓	✓	✓	✓	
Novell SUSE Linux Enterprise Server for System z version 9 SPx Edition: SLES Minimum version: Base System z 64-bit JBoss support	✓	✓				
Novell SUSE Linux Enterprise Server 10 SPx Edition: SLES Minimum version: Base x86, 32-bit and 64-bit JBoss support	✓	✓	✓	✓	✓	✓ Minimum: SP1

	WebSphere 6.1.0.x	WebSphere 7.0.0.x	WebLogic 9.x	WebLogic 10.0.x	WebLogic 10g (10.3.0)	WebLogic 11g R1 (10.3.1-10.3.2)
Novell SUSE Linux Enterprise Server for System z version10 SPx Edition: SLES Minimum version: Base System z 64-bit JBoss support	✓	✓				✓ Minimum: SP2
Novell SUSE Linux Enterprise Server 11SPx Edition: SLES Minimum version: Base x86, 32-bit and 64-bit JBoss support	✓	✓	✓	✓	✓	
Novell SUSE Linux Enterprise Server for System z version11 SPx Edition: SLES Minimum version: Base System z 64-bit JBoss support	✓	✓				

JBoss

	JBoss 4.0.x	JBoss 4.2.3 AS	JBoss 4.3 EAP	JBoss 5.0.1 AS	JBoss 5.0 EAP	JBoss 5.1.x AS
IBM AIX 5.3 TLx Minimum version: TL4 IBM POWER-based processors, 64-bit WebSphere and WebLogic support	✓	✓	See Notes		See Notes	
IBM AIX 6.1 TLx Minimum version: Base IBM POWER-based processors, 64-bit WebSphere and WebLogic support	✓	✓	See Notes		See Notes	
IBM AIX 7.1 TLx Minimum version: IBM POWER-based processors, 64-bit WebSphere and WebLogic support						

	JBoss 4.0.x	JBoss 4.2.3 AS	JBoss 4.3 EAP	JBoss 5.0.1 AS	JBoss 5.0 EAP	JBoss 5.1.x AS
Microsoft Windows Server 2003 SPx Editions: Standard,Enterprise,Datacenter Includes R2 Minimum version: SP1 x86, 32-bit and 64-bit WebSphere and WebLogic support	✓	✓	✓	✓	✓	
Microsoft Windows Server 2008 SPx Editions: Standard,Enterprise,Datacenter Minimum version: Base x86, 32-bit and 64-bit WebSphere and WebLogic support	✓ See Notes	✓ See Notes	See Notes	✓ See Notes	See Notes	
Microsoft Windows Server 2008 R2 SPx Editions: Standard,Enterprise,Datacenter Minimum version: Base x86, 64-bit WebSphere and WebLogic support	✓ See Notes	✓ See Notes	✓	✓ See Notes	✓	
Sun Solaris 9 Minimum version: Base SPARC, 64-bit WebSphere and WebLogic support		✓	✓	✓	✓	
Sun Solaris 10 Minimum version: Base SPARC, 64-bit WebSphere and WebLogic support	✓	✓	✓	✓	✓	
HP-UX 11i v2 Minimum version: Base PA-RISC and Itanium® 64-bit WebSphere and WebLogic support	✓	✓	✓	✓	See Notes	
HP-UX 11i v3 Minimum version: Base PA-RISC and Itanium, 64-bit WebSphere and WebLogic support	✓	✓	See Notes		See Notes	
Red Hat Enterprise Linux® 4.x Editions: AS, ES, WS Minimum version: Base x86, 32-bit and 64-bit WebSphere and WebLogic support	✓	✓	See Notes	✓	✓	

	JBoss 4.0.x	JBoss 4.2.3 AS	JBoss 4.3 EAP	JBoss 5.0.1 AS	JBoss 5.0 EAP	JBoss 5.1.x AS
Red Hat Enterprise Linux 4.x Editions: AS, ES, WS Minimum version: Base System z 64-bit WebSphere and WebLogic support	✓	✓	✓	✓	See Notes	
Red Hat Enterprise Linux 5.x Editions: Advanced Platform, Server Minimum version: 5.1 x86, 32-bit and 64-bit WebSphere and WebLogic support	✓ See Notes	✓ See Notes	✓	✓ See Notes	✓	
Red Hat Enterprise Linux 5.x Editions: Advanced Platform, Server Minimum version: 5.1 System z 64-bit WebSphere and WebLogic support	✓ See Notes	✓ See Notes	See Notes	✓ See Notes	See Notes	
Red Hat Enterprise Linux 6.x Editions: Advanced Platform, Server Minimum version: x86, 32-bit and 64-bit WebSphere and WebLogic support						
Red Hat Enterprise Linux 6.x Editions: Advanced Platform, Server Minimum version: System z 64-bit WebSphere and WebLogic support						
Novell SUSE Linux Enterprise Server 9 SPx Edition: SLES Minimum version: Base x86, 32-bit and 64-bit WebSphere and WebLogic support	✓	✓				
Novell SUSE Linux Enterprise Server for System z version 9 SPx Edition: SLES Minimum version: Base System z 64-bit WebSphere and WebLogic support	✓	✓				

	JBoss 4.0.x	JBoss 4.2.3 AS	JBoss 4.3 EAP	JBoss 5.0.1 AS	JBoss 5.0 EAP	JBoss 5.1.x AS
Novell SUSE Linux Enterprise Server 10 SPx Edition: SLES Minimum version: Base x86, 32-bit and 64-bit WebSphere and WebLogic support	✓	✓				
Novell SUSE Linux Enterprise Server for System z version 10 SPx Edition: SLES Minimum version: Base System z 64-bit WebSphere and WebLogic support	✓	✓				
Novell SUSE Linux Enterprise Server 11SPx Edition: SLES Minimum version: Base x86, 32-bit and 64-bit WebSphere and WebLogic support						
Novell SUSE Linux Enterprise Server for System z version 11 SPx Edition: SLES Minimum version: Base System z 64-bit WebSphere and WebLogic support						

NOTES

- Support for either the 32-bit or 64-bit editions of an application server running on either the 32-bit or 64-bit edition of an operating system is dependent on the application server support. For more information, see the support matrix provided by your application server vendor.
- Microsoft is phasing out support for 32bit Server operating systems. Win2008 R1 was the last 32bit Server OS MS will release. Win2008 R2 is 64bit only and Microsoft does not provide a 32bit to 64bit upgrade path.
- To avoid future upgrade issues, we recommend that customers not deploy P8 4.5.x on Win2008 32-bit. The alternatives are to deploy on Windows 2008 64-bit, Windows 2003 32-bit, or Windows 2003 64-bit operating systems.

Red Hat Notes

- Red Hat differentiates between “Certified” and “Compatible” configurations for their application server support. Only the Certified configurations are reflected in this table. Please review the information at this link: <http://www.jboss.com/products/platforms/application/supportedconfigurations> to determine whether or not the operating system you wish to use is supported as either Certified or Compatible by Red Hat.

- On the 64-bit version of the Red Hat Enterprise Linux 5.4, you must install the Java group during installation to get the 32-bit versions of libXft and gtk2, which are required for the P8 GUI installer and the configuration manager tool to run correctly. To work around this dependency, use either of the following approaches:
 - Install the Java installation group when installing Red Hat Enterprise Linux.
 - Download and install the following libraries and their dependencies on all Red Hat Enterprise Linux x86_64 systems before starting any FileNet P8 installations. The files are available on the original system media. For example:
 - DVD-ROM_mount_point/Server/libXft-2.1.10-1.1.i386.rpm
 - DVD-ROM_mount_point/Server/gtk2-2.10.4-20.el5.i386.rpm
- Red Hat Enterprise Linux offers an optional install scenario that does not include the X.org package. The X.org package contains libraries (in addition to other RHEL dependencies) that are required to run the FileNet P8 GUI installers. To work around this dependency, use either of the following approaches:
 - Install the component using the command line installer.
 - Download and install the following minimum versions of these packages on all Red Hat Enterprise Linux 5.1 x86_64 systems before starting any FileNet P8 installations. The files are available on the original system media. For example:
 - DVD-ROM_mount_point/Server/compat-libstdc++-33-3.2.3-61.i386.rpm
 - DVD-ROM_mount_point/Server/compat-libstdc++-33-3.2.3-61.x86_64.rpm
- When installing FileNet P8 products on a Red Hat Enterprise Linux version 5.x machine, the following error may occur: "Failed to find VM - aborting".

The cause of this error is the RHEL 5.x security feature 'Security Enhanced Linux', which is also known as SELinux. A weaker version of SELinux was included in RHEL 4.0, and was disabled by default. SELinux helps to keep the host secure from certain types of malicious attacks.

By default in RHEL 5.0 SELinux is enabled. SELinux prevents Java 1.5 from running properly.

To work around the issue use one of the following options:

 - Prior to starting the installation, change the mode of SELinux from 'Enforced' to 'Permissive' by entering 'setenforce 0' on the command line. After the install completes, reset SELinux either by rebooting the server or by entering "setenforce 1" on the command line.
 - Permanently change the SELinux mode to be permissive by modifying the file /etc/selinux/config and setting the variable SELINUX to 'permissive'. Then reboot the system.

Novell SUSE Linux Notes

- For the 32-bit SUSE Linux Enterprise Server Version 10 and 11, download and install the following minimum versions of these packages before starting any FileNet P8 installations. The files are available on the original system media

DVD-ROM_mount_point/Server/compat-libstdc++-33-3.2.3-61.x86_64.rpm

- For the 64-bit SUSE Linux Enterprise Server Version 10 and 11, download and install the following minimum versions of these packages before starting any FileNet P8 installations. The files are available on the original system media
 - DVD-ROM_mount_point/Server/compat-libstdc++-33-3.2.3-61.i386.rpm
 - DVD-ROM_mount_point/Server/compat-libstdc++-33-3.2.3-61.x86_64.rpm

Oracle Solaris Notes

When installing FileNet P8 on Solaris a user might notice that the FileNet P8 CMUI application starts and quickly returns without any errors.

If this occurs, the following error will be found in application workspace logs: java.lang.UnsatisfiedLinkError: no swt-pi-gtk-3452 or swt-pi-gtk in swt.library.path, java.library.path or the jar file. This is usually related to missing library required by configuration manager to load the application.

To resolve the issue follow one of the two options outlined in this tech note: <http://www-01.ibm.com/support/docview.wss?uid=swg21418588>

IBM AIX Notes

For all P8 components that support AIX 6.1 the Power7 architecture is also supported.

Microsoft Windows Notes

If installing P8 eForms fix packs on Windows 2008 64 bit server, the following error message may appear: "Unable to install IBM FileNet eForms for P8 (): Patch is associated with a product that is not installed on target machine." For the workaround see the following tech note <http://www-01.ibm.com/support/docview.wss?uid=swg21451205>

Operating system exceptions

Content Engine

Content Engine 4.5.x does support Windows 2008 Server 32-bit. However, note that Process Engine 4.5.1 does not support Windows 2008 32-bit due to a Microsoft change made in Windows 2008 32-bit. For more information, see the following IBM FileNet Flash: http://www-01.ibm.com/support/docview.wss?rs=3247&context=SSTHRT&context=SSS236&context=SSNW2F&context=SSNVUD&context=SSNVNV&dc=DA430&dc=DA440&dc=DA410&dc=D600&dc=DB560&dc=DB530&dc=DB520&dc=D700&dc=DB510&dc=DB540&q1=1414588&uid=swg21414588&loc=en_US&cs=utf

As Microsoft does not plan to provide an operating system upgrade from 32-bit to 64-bit Windows, IBM recommends new deployments of Content Engine avoid the 32-bit version of Windows 2008 whenever possible.

Business Process Framework

- Business Process Framework is not supported on zLinux, SUSE 11 operating systems.
- See Business Process Framework Explorer operating systems exceptions in "Server requirements > Non-Java EE products and server operating system combinations" section in this document

Content Federation Services IBM Content Integrator 4.5.x

- Support for Content Federation Services 4.5.0 is dependent on ICI 8.5.0 support.
- Support for Content Federation Services 4.5.1 is dependent on ICI 8.5.1 support.
- Review the following document to ensure your Content Federation Services ICI environment meets the ICI operating system requirements: <http://www-01.ibm.com/support/docview.wss?rs=86&uid=swg27013516>.

eForms

The standard Linux installer for eForms will work both for SUSE and Red Hat Enterprise Linux (RHEL) x86 and zLinux editions.

FileNet Services for Lotus Quickr

- FileNet Services for Lotus® Quickr™ is not currently supported on zLinux.
- FileNet Services for Lotus® Quickr™ 1.0 does not support Windows 2008 R2.
- FileNet Services for Lotus® Quickr™ 1.1 supports Windows 2008 R2.

IBM ECM Widgets

- IBM ECM Widgets 4.5.0 supports only 32-bit Editions of Microsoft Windows Server 2003 SPx (Standard & Enterprise Edition, includes R2).
- IBM ECM Widgets 4.5.1 supports only 32-bit Editions of Microsoft Windows Server 2003 SPx (Standard & Enterprise Edition, includes R2) and Microsoft Windows Server 2008 (Standard & Enterprise Edition).
- IBM ECM Widgets 4.5.2.0 supports only 32-bit Editions of Microsoft Windows Server 2003 SPx (Standard & Enterprise Edition, includes R2) and Microsoft Windows Server 2008 (Standard & Enterprise Edition), IBM AIX 5.3 64-bit, and IBM AIX 6.1 64-bit.
- IBM ECM Widgets 4.5.2.1 and 4.5.2.2 support only 32-bit Editions of Microsoft Windows Server 2003 SPx (Standard & Enterprise Edition, includes R2), 64-bit Editions of Microsoft Windows Server 2003 SPx (Standard & Enterprise Edition, includes R2), 32-bit Editions of Microsoft Windows Server 2008 (Standard & Enterprise Edition), 64-bit Edition of Microsoft Windows Server 2008 R2, and IBM AIX 6.1 64-bit.

ISRA Servlet

The ISRA Servlet is not currently supported on zLinux.

Workplace XT

- Workplace XT 1.1.3.x and Workplace XT 1.1.4.0 - 1.1.4.5 do not support WebLogic 10.3.x (Including Weblogic 11g) with the IBM JDK.
- Workplace XT 1.1.4.6+ and Workplace 1.1.5.0+ introduces support for the IBM JDK with Weblogic 10.3.3+.
- Special configuration steps are needed to support WebLogic 11g with the IBM JDK. For details refer to the Workplace XT Install Guide, under Configuring WebLogic Server 11g to support IBM JDK 1.6.0 on the P8 5.1 Information Center:
<http://publib.boulder.ibm.com/infocenter/p8docs/v5r1m0/index.jsp>.

Non-Java EE products

For third-party components, the appropriate vendors' support documentation should be reviewed to assure functionality and support. Refer to the [IMPORTANT](#) notice in the Introduction of this guide for IBM's support statement for vendor products.

Non-Java EE products and server operating system combinations

The tables in this section list the supported combinations of IBM FileNet P8 non-Java EE-based products and server operating systems. Support is indicated by a check mark. A blank cell indicates non support For information about client operating systems, see [Client operating systems](#).

Tables in this section are arranged by:

- [Content Manager](#)
- [Business Process Manager and Other products](#)

Content Manager

	Content Manager							
	EM 4.5.x	CMUI 4.5.x	FDM 4.5.x	RE 4.5.x	CSE 4.5.x	RM Tools 4.5.0	IER Tools 4.5.1	SD 4.5.x
IBM AIX 5.3 Minimum version: TL4 IBM POWER-based processors, 64-bit BPM and Other products support		✓			✓	✓	✓	✓
IBM AIX 6.1 Minimum version: Base IBM POWER-based processors, 64-bit BPM and Other products support		✓			✓ See Notes	✓	✓	✓
IBM AIX 7.1 TLx Minimum version: Base IBM POWER-based processors, 64 bit BPM and Other products support		Supported in P8 5.x					Supported in a future Release	Supported in P8 5.x

	Content Manager							
	EM 4.5.x	CMUI 4.5.x	FDM 4.5.x	RE 4.5.x	CSE 4.5.x	RM Tools 4.5.0	IER Tools 4.5.1	SD 4.5.x
Microsoft Windows Server 2003 SPx Editions: Standard, Enterprise, Datacenter Includes R2 Minimum version: SP1 x86, 32-bit and 64-bit BPM and Other products support	✓	✓	✓	✓	✓ Minimum: Windows: SP2 See JDK Notes	✓	✓	✓
Microsoft Windows Server 2008 Editions: Standard, Enterprise, Datacenter Minimum version: Base x86, 32-bit and 64-bit BPM and Other products support	✓	✓	✓	✓ Minimum: FNRE 4.5.1 64-bit supported in interactive mode only	✓ See JDK Notes	✓	✓	✓
Microsoft Windows Server 2008 R2 SPx Editions: Standard, Enterprise, Datacenter Minimum version: Base x86, 64-bit BPM and Other products support	✓ Minimum: FileNet P8 4.5.1	✓ Minimum: FileNet P8 4.5.1	✓ Minimum: FileNet P8 4.5.1		✓ Minimum: FileNet P8 4.5.1	✓	✓	
Sun Solaris 9 Minimum version: Base SPARC, 64-bit BPM and Other products support		✓			✓	✓	✓	✓
Sun Solaris 10 Minimum version: Base SPARC, 64-bit BPM and Other products support		✓			✓	✓	✓	✓
HP-UX 11i v2 Minimum version: Base PA-RISC and Itanium, 64-bit BPM and Other products support		✓ See Notes			✓ Minimum: CSE 4.5.1 for Itanium	✓	✓	✓
HP-UX 11i v3 Minimum version: Base PA-RISC and Itanium, 64-bit BPM and Other products support		✓ See Notes			✓ Minimum: CSE 4.5.1 for Itanium	✓	✓	✓
Red Hat Enterprise Linux 4.x Editions: AS, ES, WS Minimum version: Base x86, 32-bit and 64-bit BPM and Other products support		✓			✓	✓	✓	✓

	Content Manager							
	EM 4.5.x	CMUI 4.5.x	FDM 4.5.x	RE 4.5.x	CSE 4.5.x	RM Tools 4.5.0	IER Tools 4.5.1	SD 4.5.x
Red Hat Enterprise Linux 4.x Editions: AS, ES, WS Minimum version: Base System z 64-bit BPM and Other products support		✓			✓ CSE 4.5.1 Client only See Notes	✓	✓	✓
Red Hat Enterprise Linux 5.x Editions: Advanced Platform, Server Minimum version: 5.1 x86, 32-bit and 64-bit BPM and Other products support		✓			✓	✓	✓	✓
Red Hat Enterprise Linux 5.x Editions: Advanced Platform, Server Minimum version: 5.1 System z 64-bit BPM and Other products support		✓			✓ CSE 4.5.1 Client only See Notes	✓	✓	✓
Novell SUSE Linux Enterprise Server 9 SPx Edition: SLES Minimum version: Base x86, 32-bit and 64-bit BPM and Other products support		✓			✓	✓	✓	✓
Novell SUSE Linux Enterprise Server for System z version 9 SPx Edition: SLES Minimum version: Base System z 64-bit BPM and Other products support		✓			✓ CSE 4.5.1 Client only See Notes	✓	✓	✓
Novell SUSE Linux Enterprise Server 10 SPx Edition: SLES Minimum version: Base x86, 32-bit and 64-bit BPM and Other products support		✓			✓	✓	✓	✓
Novell SUSE Linux Enterprise Server for System z version 10 SPx Edition: SLES Minimum version: Base System z 64-bit BPM and Other products support		✓			✓ CSE 4.5.1 Client only See Notes	✓	✓	✓

	Content Manager							
	EM 4.5.x	CMUI 4.5.x	FDM 4.5.x	RE 4.5.x	CSE 4.5.x	RM Tools 4.5.0	IER Tools 4.5.1	SD 4.5.x
Novell SUSE Linux Enterprise Server 11 SPx Edition: SLES Minimum version: Base x86, 32-bit and 64-bit BPM and Other products support		✓			✓ See Notes		✓	✓
Novell SUSE Linux Enterprise Server for System z version 11 SPx Edition: SLES Minimum version: Base System z 64-bit BPM and Other products support		✓			✓ CSE 4.5.1 Client only See Notes		✓	✓

Business Process Manager and Other products

	Business Process Manager				Other products
	PE 4.5.x	PA 4.5.x	PS 4.5.x	BPF Explorer 4.1.0	SPC 2.2.x
IBM AIX 5.3 Minimum version: TL4 IBM POWER-based processors, 64-bit CM support	✓ Minimum: AIX TL7 for FileNet P8 PE 4.5.1 See Notes				
IBM AIX 6.1 Minimum version: Base IBM POWER-based processors, 64-bit CM support	✓ Minimum: AIX 6.1 Base SP3 for FileNet P8 PE 4.5.1 See Notes				

	Business Process Manager				Other products
	PE 4.5.x	PA 4.5.x	PS 4.5.x	BPF Explorer 4.1.0	SPC 2.2.x
Microsoft Windows Server 2003 SPx Editions: Standard, Enterprise, Datacenter Includes R2 Minimum version: SP1 x86, 32-bit and 64-bit CM support	✓	✓	✓	✓ Minimum: BPF 4.1.0-003 See Notes	✓
Microsoft Windows Server 2008 SPx Editions: Standard, Enterprise, Datacenter Minimum version: Base x86, 32-bit and 64-bit CM support	✓ PE 4.5.1 64-bit only	✓	✓	✓ Minimum: BPF 4.1.0-003 See Notes	✓
Microsoft Windows Server 2008 R2 Editions: Standard, Enterprise, Datacenter Minimum version: Base x86, 64-bit CM support	✓ Minimum: PE 4.5.1	✓ Minimum: PA 4.5.1	✓ Minimum: PS 4.5.1	✓ Minimum: BPF4.1.0-004	✓
Sun Solaris 9 Minimum version: Base SPARC, 64-bit CM support	✓ See Notes				
Sun Solaris 10 Minimum version: Base SPARC, 64-bit CM support	✓ See Notes				
HP-UX 11i v2 Minimum version: Base PA-RISC and Itanium, 64-bit CM support	✓ See Notes				
HP-UX 11i v3 Minimum version: Base PA-RISC and Itanium, 64-bit CM support	✓ See Notes				
Red Hat Enterprise Linux 4.x Editions: AS, ES, WS Minimum version: Base x86, 32-bit and 64-bit CM support					

	Business Process Manager				Other products
	PE 4.5.x	PA 4.5.x	PS 4.5.x	BPF Explorer 4.1.0	SPC 2.2.x
Red Hat Enterprise Linux 4.x Editions: AS, ES, WS Minimum version: Base System z 64-bit CM support					
Red Hat Enterprise Linux 5.x Editions: Advanced Platform, Server Minimum version: 5.1 x86, 32-bit and 64-bit CM support					
Red Hat Enterprise Linux 5.x Editions: Advanced Platform, Server Minimum version: 5.1 System z 64-bit CM support					
Novell SUSE Linux Enterprise Server 9 SPx Edition: SLES Minimum version: Base x86, 32-bit and 64-bit CM support					
Novell SUSE Linux Enterprise Server for System z version 9 SPx Edition: SLES Minimum version: Base System z 64-bit CM support					
Novell SUSE Linux Enterprise Server 10 SPx Edition: SLES Minimum version: Base x86, 32-bit and 64-bit CM support					
Novell SUSE Linux Enterprise Server for System z version 10 SPx Edition: SLES Minimum version: Base System z 64-bit CM support					

	Business Process Manager				Other products
	PE 4.5.x	PA 4.5.x	PS 4.5.x	BPF Explorer 4.1.0	SPC 2.2.x
Novell SUSE Linux Enterprise Server 11 SPx Edition: SLES Minimum version: Base x86, 32-bit and 64-bit CM support					
Novell SUSE Linux Enterprise Server for System z version 11 SPx Edition: SLES Minimum version: Base System z 64-bit CM support					

NOTES

Red Hat Enterprise Linux

- Red Hat Enterprise Linux offers an optional install scenario that does not include the X.org package. The X.org package contains libraries (in addition to other RHEL dependencies) that are required to run the FileNet P8 GUI installers. To work around this dependency, use either of the following approaches:
 - Install the component using the command line installer.
 - Download and install the following minimum versions of these packages on all Red Hat Enterprise Linux 5.1 x86_64 systems before starting any FileNet P8 installations. The files are available on the original system media. For example:
 - DVD-ROM_mount_point/Server/compat-libstdc++-33-3.2.3-61.i386.rpm
 - DVD-ROM_mount_point/Server/compat-libstdc++-33-3.2.3-61.x86_64.rpm
- For information on how to run the Configuration Manager application in UI mode on RHEL 5.2 refer to this tech note: <http://www-01.ibm.com/support/docview.wss?uid=swg21403746>.
- When installing FileNet P8 products on a Red Hat Enterprise Linux version 5.x machine, a user may see the error "Failed to find VM - aborting".

Background:

RHEL 5.x has a new security feature named 'Security Enhanced Linux', or SELinux for short. A weaker version of SELinux was included in RHEL 4.0, and was disabled by default. RHEL 5.0 defaults SELinux to enabled. SELinux helps to keep the host secure from certain types of malicious attacks.

However, the default settings have been known in many cases to prevent Java 1.5 from running properly. The Content Engine 4.5.1 installer ships with IBM Java 1.5 version.

To resolve the issue choose one of the following options:

- Change the mode momentarily of SELinux from enforced to 'Permissive' by entering 'setenforce 0' on the command line. SELinux will be fully enabled and enforced again the next time the system is rebooted or if "setenforce 1" is entered on the command line.
- Permanently change the SELinux mode to be permissive by modifying /etc/selinux/config
 - Change SELINUX=enforcing to SELINUX=permissive
 - Reboot the system.

AIX

For all P8 components that support AIX 6.1 the Power7 architecture is also supported.

Microsoft Windows

Remote services for P8 is supported on all supported Windows operating systems. Reference vendor documentation for compatibility and restrictions between the Windows application and Terminal Services.

- P8 4.5.0 requires Remote Desktop Connection to use the physical console session.
- P8 4.5.1 recommends Remote Desktop Connection to use the physical console session.

Process Engine 4.5.x

- You must use the private JRE version 1.5.0 installed by Process Engine.
- Except when performing a Process Engine 4.5.1 new install, always use a volume manager on UNIX®-based operating systems. You can use the volume manager provided with the operating systems or an equivalent Veritas volume manager.
- Prior to running the Process Engine 4.5.0 installer on AIX 6.1 TL2 or higher, or on AIX 5.3 TL9 or higher, apply APAR PJ35505. This APAR is not needed by the Process Engine 4.5.1 installer.
- Ensure that the operating system levels are at the recommended levels specified by the database vendors. See <http://www-01.ibm.com/support/docview.wss?uid=swg21165448> for the recommended AIX operating system versions for DB2.
- Process Engine Windows requirements
 - Process Engine 4.5.0 *does* support Windows 2008 Server 32-bit.

- Process Engine 4.5.1 **does not** support Windows 2008 32-bit due to a Microsoft change made in Windows 2008 32-bit. For more information, see the following IBM FileNet Flash: http://www-01.ibm.com/support/docview.wss?rs=3247&context=SSTHRT&context=SSS236&context=SSNW2F&context=SSNVUD&context=SSNVNV&dc=DA430&dc=DA440&dc=DA410&dc=D600&dc=DB560&dc=DB530&dc=DB520&dc=D700&dc=DB510&dc=DB540&q1=1414588&uid=swg21414588&loc=en_US&cs=utf-8&lang=en
- Process Engine 4.5.1.0 clustering on Windows using Microsoft Cluster Server must minimally apply 4.5.1.0-P8PE-IF003 to address a cluster-related issue on Windows.
- Process Engine HP-UX requirements
 - For HP-UX PA-RISC, the only version supported by Process Engine is HP-UX 11i v2.
 - For HP-UX 11i v2, it is recommended that you install the HP Quality Pack Depot for 11i v2, December 2008. The required patch PHCO_37940 is included in this support pack.
 - For HP-UX 11i v3 Itanium, Process Engine requires the HP OS patch level OE September 2007 (Update1) or later.
 - Required Patches for HP 11iv2
 - PHCO_37940 - 11.23 pthread library cumulative patch
 - PHSS_38140 - 11.23 a C++ Runtime (IA: A.06.20, PA: A.03.85)
 - PHCO_38637 - 11.23 11.23 libc cumulative patch
 - Required Patches for HP11iv3
 - PHSS_38141 - 11.31 a C++ Runtime (IA: A.06.20, PA: A.03.85)
 - PHCO_38658 - 11.31 11.23 libc cumulative patch
- Process Engine Solaris requirements
 - Process Engine 4.5.x on Solaris 9 requires the Solaris 9/05 or higher Kernel be installed prior to Process Engine 4.5.x installs.
 - Process Engine 4.5.x on Solaris 10 requires the Solaris 8/07 or higher Kernel be installed prior to Process Engine 4.5.x installs.
 - Process Engine 4.5.x requires the installation level of Solaris version 9 or 10 to be “Developer System Support” or higher.

Content Search Engine 4.5.x

- Content Engine and Content Search Engine must use the same type of server operating system; that is, either both must be on Windows or both must be on Unix/Linux. Content Engine and Content Search Engine can be on different versions of Unix/Linux.
- Content Search Engine Server 4.5.x does not support zLinux operating systems. However, if Content Engine is deployed on zLinux, the Content Search Engine Client may be installed on that zLinux operating system.

- Content Search Engine 4.5.1 is the minimum supported level for running on HP-UX Itanium.
- Content Search Engine 4.5.1 does not support the optional locales files on HP-UX Itanium. HP-UX PA-RISC is supported for Content Search Engine 4.5.1 locales.
- The recommended quality packs for Content Search Engine 4.5.1 on HP-UX are
 - QPK1123(B.11.23.0906.079) Quality Pack Depot for HP-UX 11i v2, June 2009 or
 - QPK1131(B.11.31.0906.334a) Quality Pack Depot for HP-UX 11 v3, March 2009
- Content Search Engine 4.5.1: INSO
 - The optional CBR INSO filter does not support HP-UX PA-RISC or Itanium operating systems; however, use of the Verity filter is supported on HP-UX PA-RISC and Itanium.
 - Operating systems in the following list do not support INSO; other operating systems shown in the preceding table do support INSO.
 - Red Hat Enterprise Linux 4x for System z
 - Red Hat Enterprise Linux 5x for System z
 - Novell SUSE Linux Enterprise Server for System z version 9 SPx
 - Novell SUSE Linux Enterprise Server for System z version 10 SPx
 - Novell SUSE Linux Enterprise Server for System z version 11 SPx
- See JRE/JDK limitations for Content Search Engine in this section. "Supported JDK/JRE for non-Java EE server products"

Configuration Manager 4.5.1

- You cannot run the UI version of the Configuration Manager 4.5.1 on HP-UX PA-RISC; you must run from the command line.
- You cannot run the UI version of the Configuration Manager 4.5.1 on Solaris 9; you must run from the command line.
- For information on how to run the Configuration Manager application in UI mode on RHEL 5.2 refer to this tech note: <http://www-01.ibm.com/support/docview.wss?uid=swg21403746>.

Business Process Framework

Business Process Framework (BPF) Explorer on Windows Server 2003 SPx 64-bit and Windows Server 2008 SPx 64-bit requires work around, refer to tech note "Business Process Framework (BPF) Explorer installer does not create the required ODBC System Data Source Name (DSN) on 64-bit Windows 2003 and 64-bit Windows 2008 servers" at <http://www.ibm.com/support/docview.wss?uid=swg27018314> for details.

IBM System Dashboard for ECM 4.5.x

The standard Linux installer for IBM System Dashboard for ECM 4.5.x will work both for SUSE and Red Hat Enterprise Linux (RHEL) x86 as well as SUSE and RHEL zLinux editions.

Supported JDK/JRE for non-Java EE server products

IBM FileNet P8 supports the minimum JVM version based on application server support (including both 32-bit and 64-bit JVMs), unless noted in the following list.

- IBM FileNet P8 products on JBoss 4.0.x are supported only with the JVMs from IBM and Sun.
- Process Engine 4.5.x, IBM FileNet Process Analyzer 4.5.x, and IBM Process Simulator 4.5.x use only private JREs.
- Deployment Manager supports IBM JREs only, and requires a minimum version of JRE 1.5.0. Deployment Manager does not support JRE version 1.6.
- To run the following Records Manager or InfoSphere Enterprise Records utilities on HP-UX requires a minimum version of Sun JVM 1.5.0_14 or IBM Developer Kit JDK SR5 (or higher):
 - Disposition Sweep
 - Hold Sweep
 - File Plan Import Export Tool
- Content Search Engine 4.5.x supports JDK 1.4.2 or higher or JDK 1.5 or higher. Content Search Engine 4.5.x does not support JDK 1.6.
- Content Search Engine 4.5.x supports only the 32-bit version of the supported JDKs on Windows. For non-Windows operating systems, Content Search Engine 4.5.x supports 32- and 64-bit versions of the supported JDKs.

IBM FileNet Connectors for Microsoft SharePoint

For third-party components, the appropriate vendors' support documentation should be reviewed to assure functionality and support. Refer to the [IMPORTANT](#) notice in the Introduction of this guide for IBM's support statement for vendor products.

Support is indicated by a check mark. A blank cell indicates non support.

	Document Libraries 2.2.x	Web Parts 2.2.x
Windows SharePoint Services 3.0 Minimum version: Base	✓	✓
Microsoft Office SharePoint Server 2007 Minimum version: Base	✓	✓
WebServices Enhancements 3.0 Minimum version: Base	✓	✓

NOTES

InfoSphere Content Collector for Microsoft SharePoint 2.1.1 is the replacement for FileNet Connector for SharePoint Document Libraries.

For more information, refer to the ICC documentation.

IBM FileNet Services for Lotus Quickr

For third-party components, the appropriate vendors' support documentation should be reviewed to assure functionality and support. Refer to the [IMPORTANT](#) notice in the Introduction of this guide for IBM's support statement for vendor products.

Support is indicated by a check mark. A blank cell indicates non support.

	FNQS 1.0	FNQS 1.1
Lotus Quickr Services for WebSphere Portal 8.1.1	✓	
Lotus Quickr Services for WebSphere Portal 8.5		✓
Lotus Quickr 8.5 Services for Domino		✓ minimum: FNQS 1.1.0.1
Lotus Quickr 8.1.1 connectors	✓	✓ Note: For FNQS 1.1, 8.2-Quickr-Domino-Connector-HF7-ENGLISH is required with Lotus Quickr connectors Version 8.1.1.
Lotus Quickr 8.2 connectors	✓	✓
Lotus Quickr 8.5 connectors		✓

Databases

For third-party components, the appropriate vendors' support documentation should be reviewed to assure functionality and support. Refer to the [IMPORTANT](#) notice in the Introduction of this guide for IBM's support statement for vendor products.

Requirements

FileNet P8 products support the operating systems that the database vendor supports unless noted as an exception below

For more information, see the database vendor documentation. Support is indicated by a check mark. A blank cell indicates non support

	IBM FileNet Business Process Manager							IBM FileNet Content Manager			Other products	
	PE 4.5.x	PA 4.5.x	BAM 4.5.0	BPF 4.1.0	CN 4.5.2-001 & 4.6	WDGT 4.5.x	eForms 4.0.2	CE 4.5.x	RE 4.5.x	CFS 4.5.x	SPC 2.2.x Document Libraries	SPC 2.2.x Web Parts
DB2 Universal Database v9.1 FPx for Linux, UNIX, Windows Minimum version: FP2 Editions: Workgroup, Express, & Enterprise	✓ See Notes		✓	✓ Minimum: BPF 4.1.0-003			✓	✓ 32-bit & 64-bit		✓ 32-bit & 64-bit		
DB2 Universal Database v9.5 FPx for Linux, UNIX, Windows Minimum version: FP1 Editions: Workgroup, Express, & Enterprise	✓ See Notes			✓ Minimum: BPF 4.1.0-003 See Notes		✓ 32-bit & 64-bit See Notes	✓	✓ 32-bit & 64-bit See Notes		✓ 32-bit & 64-bit	✓	
DB2 Universal Database v9.7 FPx for Linux, UNIX, Windows Minimum version: base Editions: Workgroup, Express, & Enterprise	✓ 32-bit & 64-bit Minimum: PE 4.5.1			✓ 32-bit & 64-bit Minimum: BPF 4.1.0-003 See Notes		✓ 32-bit & 64-bit See Notes	✓	✓ 32-bit & 64-bit Minimum: CE 4.5.1		✓ 32-bit & 64-bit Minimum: CFS 4.5.1		
DB2 pureScale v9.8 FPx for Linux and Aix Minimum version: base Edition: Enterprise	✓ Minimum: PE 4.5.1						✓	✓ 32-bit & 64-bit Minimum: CE 4.5.1				

IBM FileNet P8 4.5.x Hardware and Software Requirements
Databases — Requirements

	IBM FileNet Business Process Manager							IBM FileNet Content Manager			Other products	
	PE 4.5.x	PA 4.5.x	BAM 4.5.0	BPF 4.1.0	CN 4.5.2-001 & 4.6	WDGT 4.5.x	eForms 4.0.2	CE 4.5.x	RE 4.5.x	CFS 4.5.x	SPC 2.2.x Document Libraries	SPC 2.2.x Web Parts
DB2 v9 FPx for z/OS Minimum version: DB2 PUT0909 <i>Editions:</i> Workgroup, Express, and Enterprise Supported versions of z/OS: 1.9, 1.10 and 1.11	✓ Remote database only See Notes						✓	✓ 32-bit & 64-bit Remote database only See Notes		✓ 32-bit & 64-bit Remote database only See Notes		
SQL Server 2005, SPx Minimum version: SP2 <i>Editions:</i> Enterprise and Standard	✓ Windows only	✓ Enterprise edition only for FNPA 4.5.0	✓	✓ Minimum: BPF 4.1.0-003			✓	✓ 32-bit & 64-bit	✓ 32-bit & 64-bit	✓ 32-bit & 64-bit	✓	✓
SQL Server 2008, SPx Minimum version: Base <i>Editions:</i> Enterprise and Standard	✓ 32-bit & 64-bit Minimum: PE 4.5.1	✓ Minimum: PA 4.5.1		✓ 32-bit & 64-bit Minimum: BPF 4.1.0-004			✓	✓ 32-bit & 64-bit Minimum: P8CE 4.5.0-001	✓ 32-bit & 64-bit Minimum: RE 4.5.1	✓ 32-bit & 64-bit Minimum: CFS 4.5.0-001	✓	✓
SQL Server 2008 R2	Supported in P8 5.0	Supported in P8 5.0	Supported in P8 5.0	Supported in P8 5.0			Supported in P8 5.0	Supported in P8 5.0	Supported in P8 5.0	Supported in P8 5.0	Supported in P8 5.0	Supported in P8 5.0
Oracle 10g, 10.2.0.x Minimum version: 10.2.0.2 <i>Editions:</i> Enterprise and Standard, includes RAC	✓		✓	✓ 32-bit No RAC Minimum: BPF 4.1.0-003		✓ 32-bit & 64-bit Minimum: WDTG 4.5.2 See Notes	✓	✓ 32-bit & 64-bit	✓ 32-bit & 64-bit No RAC See Notes	✓ 32-bit & 64-bit No RAC	✓	

	IBM FileNet Business Process Manager							IBM FileNet Content Manager			Other products	
	PE 4.5.x	PA 4.5.x	BAM 4.5.0	BPF 4.1.0	CN 4.5.2-001 & 4.6	WDGT 4.5.x	eForms 4.0.2	CE 4.5.x	RE 4.5.x	CFS 4.5.x	SPC 2.2.x Document Libraries	SPC 2.2.x Web Parts
Oracle 11g R1, 11.1.0.x Minimum version: 11.1.0.6 <i>Editions:</i> Enterprise, with Standard, Standard One includes RAC	✓ See Notes			✓ 32-bit No RAC Minimum: BPF 4.1.0-003		✓ 32-bit & 64-bit Min WDGT 4.5.2 See Notes	✓	✓ 32-bit & 64-bit See Notes	✓ 32-bit & 64- bit No RAC See Notes	✓ 32-bit & 64-bit No RAC	✓ Requires 10g client	
Oracle 11g R2 , 11.2.0.x Minimum version: 11.2.0.1 <i>Editions:</i> Enterprise, with Standard, Standard One includes RAC	✓ 32-bit & 64-bit Minimum: PE 4.5.1 See Notes			✓ 32-bit & 64-bit Minimum: BPF 4.1.0.5 RAC min. BPF 4.1.0.8 See Notes		✓ 32-bit & 64-bit Min WDGT 4.5.2.1 See Notes	✓	✓ 32-bit & 64-bit Minimum: P8CE 4.5.1 See Notes	Pending Vendor	✓ 32-bit & 64-bit Minimum: P8CFS 4.5.1 No RAC See Notes		

NOTES

- In general, advanced, proprietary technologies from the database vendors such as: data encryption or partitioning technologies, are not supported with FileNet P8 Content Engine or Process Engine unless such support is specifically stated.
- BAM 4.5.0 is the terminal release of this product. FileNet P8 4.5.1 provides direct IBM Cognos Now! integration. For hardware and software requirements of the IBM Cognos Now! Suite, see: http://www-01.ibm.com/software/data/cognos/products/now/support/?S_CMP=rnav.
- ECM Widgets 4.5.1 includes Business Space, which requires a database for storing business space and page definitions. ECM Widgets 4.5.1 supports using Business Space on DB2 only; however, the FileNet P8 system with which the widgets are associated can use any supported database as per the table above.
- ECM Widgets 4.5.2 includes Business Space, which requires a database for storing business space and page definitions. ECM Widgets 4.5.2 supports using Business Space on DB2 or Oracle; however, the FileNet P8 system with which the widgets are associated can use any supported database as per the table above.

DB2 Additional Notes

- DB2 has additional operating system requirements that exceed the FileNet P8 minimums. See <http://www-01.ibm.com/support/docview.wss?uid=swg21165448> for the recommended levels for AIX.
- Remote DB2 for z/OS with Content Engine is supported only with WebSphere 6.1.0.x and 7.0.0.x.
- FileNet Services for Lotus Quickr does not support Content Engine with DB2 on z/OS.
- Consult the BPF 4.1.0 release notes item 754356 for more information on how to install BPF 4.1.0 with DB2 v9.5 or v9.7.
- DB2 v9.7 for LUW FP2 and FP3 may cause object store creation to fail intermittently. APAR IC71365, has been addressed in DB2 9.7 FP4. If you encounter issues during object store creation, refer to this tech note for more details <http://www-01.ibm.com/support/docview.wss?rs=0&uid=swg21446494>.
- Process Engine Notes
 - When using Process Engine 4.5.x with remote DB2 for z/OS, you might experience intermittent transaction failures which correspond to a “SQLCODE -906 and MSGDSNT5011 RESOURCE UNAVAILABLE” error on the DB2 server. Apply DB2 APAR PK75567 to resolve this issue.
 - The minimum version of PE when running with a remote DB2 on z/OS is PE4.5.1.2
 - Additionally the following DB2 zOS v9.1 fixes are required :
 - PTF for release 910 --UK42525 (DB2 block problem)
 - PTF for release 910 -- UK61037 (based on APAR PM17194)

Oracle Additional Notes

- The follow error occurs when installing 32-bit Oracle software to the Program Files directory on a Windows 64-bit operating:
Bug 3807408 - CANNOT EXTERNALLY AUTHENTICATE USER WITH QUOTE IN USERNAME
For more information refer to the Oracle article ID 334528.
<https://support.oracle.com/CSP/main/article?cmd=show&type=NOT&id=334528.1>
- Oracle on z/OS is not supported. Oracle installations on zLinux are supported in accordance with Oracle's support statement.
- Support for Oracle RAC with Process Engine is limited to 2 Oracle RAC nodes.
- Oracle RAC is not supported with the CFS-ICI exporter database.
- To use Oracle 11g R1 (11.1.0.6) with WebSphere 6.1.0.17, you must apply WebSphere APAR PK47930.
- Support for Oracle databases with Websphere 7.0.0.15 requires WAS iFix 7.0.0.15-WAS-WAS-IFPM34365.pak

- To use Oracle 11g R2 (11.2.x) with P8 4.5.1, you must apply Oracle one off fix ID p9011590_112010 until this fix is rolled into patch set for 11.2.0.2.
- WebSphere 6.1.0.17 (and earlier versions) adds a custom property at data source creation time that causes benign exceptions in the log.
- After installing Oracle 11g R1 (11.1.0.6) Enterprise Edition and client on HP-UX Itanium, there are no 32-bit libraries installed (\$ORACLE_HOME/lib32). This is reported in Oracle bug 6661255. According to Oracle, HP-UX Itanium will no longer create \$ORACLE_HOME/lib32 for Oracle 11g and beyond.
- In order to have 32-bit applications work on HP-UX Itanium, Oracle has separately released HP-UX Itanium 32-bit Instant Client software on <http://otn.oracle.com>.
- Download “Instant Client Package – Basic” for Version 11.1.0.6.0.
- For Oracle 11g on AIX, you must install Oracle interim patch 6800649.
- IBM FileNet P8 supports the Oracle Advanced Security Functionality of secure data transfer across network protocol boundaries for Content Engine and Process Engine.
- Process Engine 4.5.x and Oracle databases:
 - On 64-bit Windows (both 2003 and 2008), Process Engine 4.5.1 configured with remote Oracle requires the 32-bit Oracle Instant client.
 - On 64-bit Windows (both 2003 and 2008), Process Engine 4.5.0 configured with local Oracle requires the 32-bit Oracle Instant client.
 - The minimum required 32-bit Oracle Instant Client is "Instant Client Package - Basic".
 - Note that the Basic package will not contain the Oracle sqlplus tool.
 - Oracle 11 support is provided by new installs of Process Engine 4.5.0, and by upgrade installs with fix pack P8PE-4.5.0-001.
 - To use Oracle 11g R2 (11.2.x) with Process Engine 4.5.1, you must install the 32-bit client on the Process Engine server.
- On 64-bit Windows (both Windows 2003 and Windows 2008), RE 4.5.x configured with Oracle requires the 32-bit Oracle client.
- ECM Widgets requires 32-bit Oracle client to work with 64-bit Oracle server.
- Business Process Framework only supports 32 bit Oracle client for Oracle databases.

SQL Additional Notes

- Process Engine 4.5.x (PE) is not supported on a remote Microsoft SQL Server database when PE is hosted in a UNIX-based environment.
- When installing or configuring Process Engine 4.5.x on a Windows 64-bit server with a 64-bit version of SQL 2005, you must use the 32-bit ODBC for runtime.
- In order for the Process Engine installer to execute the SQL scripts, you must configure 64-bit ODBC.

- PA 4.5.x local or remote database requirements include:
 - Microsoft SQL Server 2005 Analysis Services, SP2
 - Microsoft Windows Script Host 5.6, 5.7 or 5.8
 - Microsoft SQL Server 2005 Driver for JDBC 1.2 or 2.0. See additional notes under JDBC drivers.

JDBC drivers

FileNet P8 products (except for Business Process Framework) support the following minimum JDBC drivers and higher unless noted as exceptions below.

For Business Process Framework JDBC requirements, see [JDBC Drivers for Business Process Framework](#).

	JDBC driver, minimum versions	
SQL Server 2005, SPx, 1.2.x, 2.0.x	Microsoft 1.2.2828.100	Microsoft 2.0.1803.100, Requires a Min FileNet P8 4.5.1
SQL Server 2008, SPx, 1.2.x, 2.0.x	Microsoft 1.2.2828.100	Microsoft 2.0.1803.100, Requires a Min FileNet P8 4.5.1
Oracle 10g, 10.2.0.x	Oracle 10.2.0.2 Oracle 10.2.0.4, Requires a Min FileNet P8 4.5.1	Oracle 11.1.0.6.0-Production+
Oracle 11g R1, 11.1.0.x	Oracle 10.2.0.2 Oracle 10.2.0.4, Requires a Min FileNet P8 4.5.1	Oracle 11.1.0.6.0-Production+
Oracle 11g R2, 11.2.0.x	Oracle 10.2.0.2 Oracle 10.2.0.4, Requires a Min FileNet P8 4.5.1	Oracle 11.2.0.1.x
DB2 Universal Database v9.1 FPx for Linux, UNIX, and Windows	IBM Universal 3.3.54 or IBM Universal 3.50.152	
DB2 Universal Database v9.5 FPx for Linux, UNIX, and Windows	IBM Universal 3.50.152 or IBM Universal 3.53.95	
DB2 Universal Database v9.7 FPx for Linux, UNIX, and Windows	IBM Data Server Client 3.57.82	
DB2 PureScale v9.8 FPx for Linux and Aix	IBM Universal 3.61.65	
DB2 v9 for z/OS	IBM Universal 3.3.54 or IBM Universal 3.50.152	

NOTES

- Only JDBC 3.0 series drivers are supported.
- The Oracle 11.1.0.6.0-Production+ driver is not bundled with Oracle 11.1.6.x; you must download it explicitly. The download directory on Oracle's site and the actual version numbers in the file differ slightly. Once downloaded, the 11.1.0.6.0-Production+ version can be validated by unzipping and viewing the Manifest.mf contained in ojdbc5 or ojdbc6.jar.

- To use BAM 4.5.0 with Oracle RAC, you must use the Oracle 10g thick driver 10.2.0.1.0 or higher.
- To use BAM 4.5.0 with SQL Server 2005 on WebSphere 6.1 and higher, you must run with the built-in JDBC drivers.
- BAM 4.5.0 is the terminal release of this product. FileNet P8 4.5.1 provides direct IBM Cognos Now! integration. For hardware and software requirements of the IBM Cognos Now! Suite, see: http://www-01.ibm.com/software/data/cognos/products/now/support/?S_CMP=rnav.
- The IBM FileNet Process Analyzer application can potentially use two different JDBC drivers. The PA uses the Microsoft driver to connect to the PA database (which is always Microsoft SQL Server) and the PA can use another driver to connect to the Process Engine database (which may be either SQL server, Oracle RDBMS, or a DB2 database). For this secondary JDBC connection, IBM recommends that you use the same version of the JDBC driver as the version of database used by the Process Engine.
- There is a defect in Oracle JDBC driver 10.2.0.2 that occurs only in certain circumstances. If you experience this issue with FileNet P8, you will need to update to the Oracle 10.2.0.4 driver. For more information, see Oracle Metalink Doc Id: 5658207.8, Headline: Oracle JDBC: SQLException "missing in or out parameter at index" with clearParameters.

JDBC drivers for Business Process Framework 4.1.0

JDBC drivers are not automatically compatible with BPF. Only those listed in the following table are supported for the BPF Web Application.

	WebSphere	WebLogic	JBoss
SQL Server 2005, SPx Minimum version: Base Editions: Enterprise and Standard	WebSphere embedded ConnectJDBC driver for MS SQL Server (Data sources Version 5)	BEA MSSQL Server Driver version 7.0, 2000	SourceForge JDBCDriver (jTDS1.2.2)
SQL Server 2008, SPx Minimum version: Base Editions: Enterprise and Standard	WebSphere embedded ConnectJDBC driver for MS SQL Server (Data sources Version 5)	BEA MSSQL Server Driver (Type 4) Versions:7.0, 2000, 2005	SourceForge JDBCDriver(jTDS1.2.2)
Oracle 10g, 10.2.0.x Minimum version: 10.2.0.2 Editions: Enterprise and Standard	Oracle 10.2.0.2 (ojdbc14.jar)	BEA Oracle Driver (Type4)	Oracle 10.2.0.2 (ojdbc14.jar)
Oracle 11g Minimum version: Editions:	Oracle 10.2.0.2 (ojdbc14.jar)	BEA Oracle Driver (Type4)	Oracle 10.2.0.2 (ojdbc14.jar)
DB2 Universal Database v9.1 FPx for Linux UNIX Windows Minimum version: FP2 Editions: Workgroup, Express, and Enterprise	IBM Universal 3.3.54 or IBM Universal 3.50.152	IBM Universal 3.3.54 or IBM Universal 3.50.152	IBM Universal 3.3.54 or IBM Universal 3.50.152
DB2 Universal Database v9.5 FPx for Linux UNIX Windows Minimum version: FP1 Editions: Workgroup, Express, and Enterprise	IBM Universal 3.50.152	IBM Universal 3.50.152	IBM Universal 3.50.152

	WebSphere	WebLogic	JBoss
DB2 Universal Database v9.7 FPx for Linux UNIX Windows Minimum version: base <i>Editions: Workgroup, Express, and Enterprise</i>	IBM Universal 3.57.82	IBM Universal 3.57.82	IBM Universal 3.57.82

NOTES

Business Process Framework Operations use the same JDBC Drivers as noted above with these exceptions:

- If the Business Process Framework Metastore database is SQL Server, only jTDS driver can be used. Download the latest jtds-1.x.y.jar.
- If the Business Process Framework Metastore database is Oracle, only the Oracle driver ojdbc14.jar can be used. Download the driver from Oracle web site.

Directory servers

For third-party components, the appropriate vendors' support documentation should be reviewed to assure functionality and support. Refer to the [IMPORTANT](#) notice in the Introduction of this guide for IBM's support statement for vendor products.

Requirements

FileNet P8 products support the LDAP servers and versions below. Support is indicated by a check mark. A blank cell indicates non support. However, the application server vendor might place further limitations on the LDAP vendor and version. For more information, see the application server vendor documentation.

	FileNet P8 Platform support
IBM Tivoli® Directory Server 6.0 Minimum version: Base	✓ See Notes
IBM Tivoli Directory Server 6.1 Minimum version: Base	✓ See Notes
IBM Tivoli Directory Server 6.2 Minimum version: Base	✓ See Notes
IBM Tivoli Directory Server 6.3 Minimum version: Base	Supported in P8 5.0
Novell eDirectory 8.7.3 Minimum version: Base	✓ Encryption of short name is not supported See Notes

	FileNet P8 Platform support
Novell eDirectory 8.8.x Minimum version: Base	✓ Encryption of short name is not supported See Notes
Sun Java Directory Server 5.2 SPx Minimum version: SP3	✓ Referrals are not supported
Sun Java Directory Server 6.x Minimum version: 6.3	✓
Sun Java Directory Server 7.x Minimum version: tbd	Supported in P8 5.0
Microsoft Windows Server 2003 SPx Active Directory Minimum version: Base	✓ See Notes
Microsoft Windows Server 2003 SPx ADAM Minimum version: Base	✓
Microsoft Windows Server 2008 SPx Active Directory Minimum version: SP1	✓ See Notes
Microsoft Windows Server 2008 SPx Active Directory Lightweight Directory Services Minimum version: Base	✓
Microsoft Windows Server 2008 R2 SPx Active Directory Minimum version: Base	✓ See Notes
Microsoft Windows Server 2008 R2 SPx Active Directory Lightweight Directory Services Minimum version: Base	✓ See Notes
Oracle Internet Directory 10g Minimum version: 10.1.4.0.1	✓ Minimum: FileNet P8 4.5.1 See Notes
Oracle Internet Directory 11g Minimum version: tbd	Supported in P8 5.0

NOTES

- Tivoli Directory Server (TDS) for z/OS is not supported.
- BAM 4.5.0 is the terminal release of this product. FileNet P8 4.5.1 provides direct IBM Cognos Now! integration. For hardware and software requirements of the IBM Cognos Now! Suite, see: http://www-01.ibm.com/software/data/cognos/products/now/support/?S_CMP=rnav.

- Content Engine requires that the LDAP Server Side Sorting (SSS) control support is enabled from the directory server. Novell eDirectory partial replicas do not support server-side sorting and is therefore not a supported eDirectory configuration.
- Support for multiple active directory domains in a WebSphere environment is available with WebSphere 6.1 and WebSphere 7.0 federated directories only. However, WebSphere does not support overlapping parent and child domains within the same forest. For example: filenet.ibm.com and ibm.com overlap suffixes (domain names) and therefore are not supported.
- Kerberos ticketing is supported on Microsoft Active Directory only.
- FileNet P8 4.5.1 supports nested groups in a Novell eDirectory environment (minimum eDirectory version of 8.8 SP3 (8.8.3) or higher).
- FileNet P8 BPF 4.1.0 does not support Oracle Internet Directory
- ECM Widgets
 - ECM Widgets 4.5.0 supports only the following directory servers, which must be in a federated repository configuration:
 - IBM Tivoli Directory Server 6.0
 - Microsoft Active Directory 2003
 - ECM Widgets 4.5.1 supports the following directory servers:
 - IBM Tivoli Directory Server 6.0
 - Microsoft Active Directory 2003
 - Microsoft Active Directory 2008
 - ECM Widgets 4.5.2 supports the following directory servers:
 - IBM Tivoli Directory Server 6.0
 - Microsoft Active Directory 2003
 - Microsoft Active Directory 2008
 - Novel eDirectory 8.8
 - ECM Widgets 4.5.2.1 supports the following directory servers:
 - IBM Tivoli Directory Server 6.1
 - Microsoft Active Directory 2003

- Microsoft Active Directory 2008
- Novell eDirectory 8.8

All Directory Servers must be in a federated repository configuration in Lotus Mashup Center 2.0.0.2 (Refer the topic, Configuring LDAP for Mashup Center, at this URL for detail,
http://publib.boulder.ibm.com/infocenter/mashhelp/v2/index.jsp?topic=/com.ibm.help.mashups.intro.doc/mash_intro_ldap.html)

- FileNet Services for Lotus Quickr supports all LDAP servers that P8 Content Engine supports.
- FileNet P8 Logon (authentication) value restrictions
 - FileNet P8 4.5.1 products supports logging on via User Principal Name (UPN) or e-mail-like values (strings with a pattern such as 'xxx@yyy.zzz'), and then using such values as FileNet P8 user and group short name. Prior releases do not support this capability except for using Implicit UPN to logon to Microsoft Active Directory (AD). Exceptions to this support are noted below.
 - Active Directory (AD) implicit UPN takes the form of LogonName@DNSDomainName and consists of 3 parts:
 - Logon name – it is the AD samAccountName user attribute, and mapped to the FileNet P8 short name when using Implicit UPN logon, so must be unique and meet FileNet P8 short name value requirements.
 - Separator - @
 - UPN suffix – the user account's DNS domain name.
 - Strings like [abc@xyz.mkt](#) and [abc@xyz.eng](#) will lead to an identical FileNet P8 short name, 'abc', which violates the uniqueness requirement. Customers should evaluate their environment before choosing the AD Implicit UPN logon method.
- FileNet P8 User and Group short name value requirements
 - FileNet P8 4.5.1 supports using e-mail- or UPN-like FileNet P8 short name values. Prior releases do not support this capability.
 - A FileNet P8 short name is a property in Content Engine User and Group API classes:
 - User.ShortName
 - Group.ShortName
 - A FileNet P8 short name is configured to map to an LDAP attribute such as uid, cn, samAccountName (an AD-only attribute), etc., which contains a short-hand value that identifies a user or group.
 - A FileNet P8 short name value must be unique across all directory servers configured in FileNet Enterprise Manager. The FileNet P8 short name value cannot be empty (or null), or contain any of the following special characters:
 - =
 - \

- Exceptions

Business Process Framework 4.1.0 does not support logging on via User Principal Name (UPN) or e-mail-like values.

Single sign-on

The following table represents FileNet P8 client support for single sign-on (SSO). For Content Engine and Process Engine with custom applications based on the server APIs, IBM supports the enablement of any SSO solution that is supported by a FileNet P8-supported application server and SSO vendor. Support is indicated by a check mark. A blank cell indicates non support.

	CA SiteMinder Web Access Manager 6.0 SP5	CA SiteMinder Web Access Manager r12	IBM Tivoli Access Manager 5.1.x	IBM Tivoli Access Manager 6.0.x	IBM Tivoli Access Manager 6.1.x	Kerberos support for CE Web Service clients	SPNEGO support for AE, WPXT or SharePoint Clients
Reverse Proxy Servers ➔	Apache HTTP server 2.0.55 or higher w/SiteMinder Web Agent 6.0 QMR 4 or QMR 5 CR026	N/A	WebSeal 5.1	WebSeal	WebSeal	N/A	N/A
WebSphere Application Server 6.1.0.x Minimum version: 6.1.0.17	✓		✓	✓	✓	✓	✓ Minimum: AE 4.0.2 WPXT 1.1.3
WebSphere Application Server 7.0.0.x Minimum version: 7.0.0.0	✓ Minimum: FileNet P8 4.5.1 See Notes	✓ Minimum: FileNet P8 4.5.1 See Notes			✓ Minimum: FileNet P8 4.5.1 See Notes	✓ Minimum: FileNet P8 4.5.1	✓ Minimum: AE 4.0.2 See Notes
WebLogic Server and WebLogic Platform 9.x Minimum version: 9.2.x	✓					✓ See Notes	✓ Min AE 4.0.2 Min WPXT 1.1.3
WebLogic Server and WebLogic Platform 10.0.x Minimum version: MP1	✓ See Notes					✓ See Notes	✓
WebLogic Server and WebLogic Platform 10.3.0 Minimum version: base	✓ See Notes	✓ See Notes				✓ See Notes	
Oracle WebLogic Server 11g (10.3.1) Minimum version: 10.3.1							

	CA SiteMinder Web Access Manager 6.0 SP5	CA SiteMinder Web Access Manager r12	IBM Tivoli Access Manager 5.1.x	IBM Tivoli Access Manager 6.0.x	IBM Tivoli Access Manager 6.1.x	Kerberos support for CE Web Service clients	SPNEGO support for AE, WPXT or SharePoint Clients
Reverse Proxy Servers →	Apache HTTP server 2.0.55 or higher w/SiteMinder Web Agent 6.0 QMR 4 or QMR 5 CR026	N/A	WebSeal 5.1	WebSeal	WebSeal	N/A	N/A
<i>Editions:</i> Server Premium, Server Advantage, Express Basic and Express Premium							
JBoss Application Server 4.0.x Minimum version: 4.0.5 <i>Editions:</i> Open Source Edition						✓ See Notes	
JBoss Application Server 4.2.x Minimum version: 4.2.3 <i>Editions:</i> Open Source Edition			□			✓ See Notes	
JBoss Application Server 4.3.x Minimum version: 4.3.0 <i>Editions:</i> Enterprise Application Platform						✓ See Notes	
JBoss Application Server 5.0.x Minimum version: 5.0.1 <i>Editions:</i> Open Source Edition							
JBoss Application Server 5.1.x Minimum version: tbd <i>Editions:</i> Open Source Edition							
JBoss Application Server 5.1.x Minimum version: 5.1.0 <i>Editions:</i> Enterprise Application Platform							

NOTES

- WebSphere Notes
 - IBM FileNet Services for Lotus Quickr supports SSO for IBM Tivoli Access Manager 5.1.x and 6.0.x for WebSphere 6.1.0.x only.
 - Business Process Framework 4.1.0 supports SSO for CA Single Sign-On / eTrust SiteMinder 6.0 for WebSphere 6.1.0.x only. Minimum requirement: Application Engine 4.0.2-001 and BPF 4.1-003.
 - Workplace XT support for TAM 6.1 and WebSphere 7 now includes File Tracker version 1.1.4.x, but Workplace XT Application Integration and Workplace XT WebDAV are not supported in this configuration.

- SiteMinder 6 SP5 and Websphere7 is not a supported configuration for Workplace XT
- WebLogic Notes
 - SSO support with SiteMinder 6.0 Sp5 with WL10.0 is for Application Engine and BPM only. IER/Records Manager, Workplace XT, Business Process Framework and IBM FileNet Services for Lotus Quickr do not support SiteMinder 6 with WebLogic 10.0
 - SSO support with SiteMinder 6.0 Sp5 with WL10.3 is for Application Engine, IER, and BPM only. Workplace XT, Business Process Framework and IBM FileNet Services for Lotus Quickr do not support SiteMinder 6 with WebLogic 10.3
- JBoss Notes

When using JBoss with Kerberos, for JVM 1.6, only versions up to SUN JRE 1.6.0_20 are supported
- SiteMinder Notes
 - Workplace XT requires SP5 for CA Single Sign-On / eTrust SiteMinder 6.0 support.
 - XT support for SiteMinder now includes File Tracker version 1.1.4.x, but Workplace XT Application Integration and Workplace XT WebDAV are not supported in this configuration.
 - Business Process Framework 4.1.0 supports SSO for CA Single Sign-On / eTrust SiteMinder 6.0 for WebSphere 6.1.0.x only. Minimum requirement: Application Engine 4.0.2-001 and BPF 4.1-003.
 - P8AE support for CA Single Sign-On / eTrust SiteMinder 6.0 SP5 and r12 does not include Application Integration, File Tracker, Application Engine ISRA integration or WebDav.
 - SiteMinder 6 SP5 and Websphere 7 is not a supported configuration for Workplace XT
- Tivoli Access Manager
 - IBM FileNet Services for Lotus Quickr supports SSO for IBM Tivoli Access Manager 5.1.x and 6.0.x for WebSphere 6.1.0.x only.
 - Business Process Framework 4.1.0 supports SSO for Tivoli Access Manager 6.1 for WebSphere 6.1.0.x. only. Minimum requirement: Application Engine 4.0.2-001 and BPF 4.1-003.
 - XT support for TAM 6.1 and WebSphere 7 now includes File Tracker version 1.1.4.x, but Workplace XT Application Integration and Workplace XT WebDAV are not supported in this configuration.
 - P8AE support for TAM 6.1 does not include Application Integration, File Tracker, Application Engine ISRA integration or WebDav.
- WebSEAL notes

WebSEAL has an option to prevent Cross-site scripting, which is a common security problem for Web servers. To enable this option WebSEAL documentation recommends that you add the HTTPOnly attribute to Session and Failover Set-Cookie headers and change the value of use-http-only-cookies in the [server] stanza of the WebSEAL configuration file to “yes”.

The WebSEAL default value is “use-http-only-cookies = no”.

Unfortunately, with that parameter set to “yes”, it causes the FileNet P8 Workplace applets to fail to load. This is because in a SSO configuration when Cross-site scripting prevention is enabled the SSO-related cookies are no longer available to the FileNet P8 applets for re-establishing the SSO session with the Application Engine.

In order for the FileNet P8 Application Engine Workplace applets to work with in the WebSEAL/TAM configuration, you must keep the setting for the option to “use-http-only-cookies=no”.

- General SSO notes
 - SiteMinder and Tivoli Access Manager do not support Content Engine Web Service API clients, .NET API clients, or thick Java applications.
 - The following products and features do not use the SSO solution. (You can still use these clients with username and password credentials.)
 - Java API utilization through the COM bridge (Jiglu). The Process Engine Web Services API should be used instead.
 - BPM Process Orchestration
 - RE 4.5.0
 - ECM Widgets 4.5.x
 - Sharepoint supports only SSO via Kerberos SPNEGO. See the section titled: [FileNet P8 Content Engine Web Service support for Kerberos](#)
 - The following applications do not support the Tivoli Access Manager or SiteMinder SSO solutions. To use the following applications, you must deploy a non-SSO-configured Application Engine or Workplace XT.
 - Application Engine and Workplace XT Application Integration
 - Application Engine and Workplace XT 1.1.3.x File Tracker. (Workplace XT File Tracker does support both the Tivoli Access Manager and SiteMinder SSO solution as of Workplace XT 1.1.4.0.)
 - Application Engine ISRA Integration
 - Application Engine and Workplace XT WebDAV

For additional information on configuring SSO with Workplace XT, see Tech Note 7020549:

https://www-304.ibm.com/support/docview.wss?dc=DA440&rs=0&uid=swg27020549&context=SSCQTWP&cs=utf-8&lang=&loc=en_US

FileNet P8 Content Engine Web Service support for Kerberos

- Supports use of Kerberos credentials by Content Engine Web Service clients who have performed a Windows integrated logon by using Active Directory including Enterprise Manager and Content Engine 4.x .NET API clients
- Browser-based clients or JAVA API clients do not support Content Engine Web Service Kerberos authentication.

- Kerberos authentication requires:
 - A Windows operating system supported by both .NET and Microsoft Web Service Extensions (WSE)
 - Microsoft .NET version 1.1 or 2.0
 - Microsoft WSE version 2.0 or 3.0
- Clients built directly against the Content Engine 3.5 WSDL, require Microsoft Web Service Extensions (WSE) version 2.0.
- Clients built directly against either the Content Engine 4.0 WSDL or the Content Engine 4.0 .NET API, require Microsoft WSE version 3.0.

SPNEGO-based authentication

- Workplace XT supports SSO through Kerberos environments with Windows Integrated logon using Active Directory.
This support includes
 - Workplace XT Application Integration
 - Application Integration BCS
 - Workplace XT File Tracker
- Workplace XT WebDAV supports SSO through Kerberos/SPNEGO environments with Windows integrated logon using Active Directory. Minimum version Workplace XT 1.1.4.0
- Application Engine supports SSO through Kerberos environments with Windows Integrated logon using Active Directory.
This support includes
 - Application Integration versions Application Engine 4.0.2.1 and higher.
 - Application Engine WebDAV supports SSO through Kerberos/SPNEGO.
- FileNet Integration for Microsoft Office supports SSO through Kerberos environments with Windows Integrated logon using Active Directory.
- Application Engine File Tracker does not support SSO through Kerberos. To use File Tracker in this environment you must deploy a non-SSO-configured Application Engine.
- The Application Engine ISRA Servlet does not support Kerberos/SPNEGO.
- Application Engine cannot support UPN with Kerberos on WebLogic 10.3 at this time.
The login module for WebLogic truncates the Application Engine user ID to shortname, which causes a login failure.
- Workplace XT running on WebLogic 10.3.0 works when configured either for UPN **or** for Kerberos SSO.

- BAM does not support Kerberos/SPNEGO.
- BAM 4.5.0 is the terminal release of this product. FileNet P8 4.5.1 provides direct IBM Cognos Now! integration. For hardware and software requirements of the IBM Cognos Now! Suite, see: http://www-01.ibm.com/software/data/cognos/products/now/support/?S_CMP=rnav.
- IBM FileNet Records Manager 4.5.0 does not support Kerberos/SPNEGO but IBM InfoSphere Enterprise Records 4.5.1 does
- ECM Widgets 4.5.x does not support Kerberos/SPNEGO.
- IBM FileNet Connectors for SharePoint Document Libraries and Web Parts deployments support SSO through Kerberos/SPNEGO.
- IBM FileNet Connectors for SharePoint Web Parts under SSO requires that Content Engine and Application Engine are configured for SSO as follows:
 - Content Engine must be configured for Kerberos, using Active Directory.
 - Application Engine must be configured for SPNEGO/Kerberos
- Business Process Framework 4.1.0 supports SSO through Kerberos/SPNEGO environments with Windows Integrated logon using Active Directory with two versions of WebSphere: 6.1 and 7.0.0.9. For WebSphere 6.1, the minimum requirement is 4.0.2.5-P8AE-FP005 and BPF 4.1.0-003. For Websphere 7.0.0.9, the minimum requirement is 4.0.2.10-P8AE-FP010 and BPF4.1.0-006.

Client requirements

For third-party components, the appropriate vendors' support documentation should be reviewed to assure functionality and support. Refer to the [IMPORTANT](#) notice in the Introduction of this guide for IBM's support statement for vendor products.

Browser support

FileNet P8 clients support the browsers specified below on the client operating systems only as indicated in section: [Client operating systems](#). Support is indicated by a check mark. A blank cell indicates non support.

	IBM FileNet Business Process Manager and IBM FileNet Content Manager											Other products			
											Common components				
	AE/ Workplace 4.0.2	WPXT 1.1.3.x 1.1.4.x	WPXT 1.1.5.x	Java Applets (BPM, Search, & Publish Designers, Process and Simulation Applets) 4.5.x	CFS 4.5.x	BAM 4.5.0	BPF 4.1.0	CN 4.5.2-001 & 4.6	WDGT 4.5.x	File Tracker AE 4.0.2 WPXT 1.1.3.x 1.1.4.x	Viewer AE 4.0.2 WPXT 1.1.3.x, 1.1.4.x	RM 4.5.0	IER 4.5.1	eForms 4.0.2	SPC Web Parts 2.2.x
Windows															
Internet Explorer 6.x <i>Supported version:</i> x86 Bit: 32 Bit Only	✓ Includes WebDAV	✓		✓	✓		✓ Min BPF 4.1.0-003 IE 6 SP1	See Notes		✓	✓	✓	✓	✓	See Notes
Internet Explorer 7.x <i>Supported version:</i> x86, Bit: 32 Bit Only	✓ Includes WebDAV	✓	✓	✓	✓	✓ See Notes	✓ Min BPF 4.1.0-003	See Notes	✓	✓	✓	✓	✓	✓	See Notes
Internet Explorer 8.x <i>Supported version:</i> x86 Bit: 32 Bit Only	✓	✓ Min. 1.1.4.2- WPXT- FP002 See Notes	✓	✓ Min: 1.1.4.2- WPXT-FP002	✓		✓ Min. BPF 4.1.0-003	✓ Min: CN 4.6 See Notes	✓ Min: 4.5.2.1	✓ Min. 1.1.4.2- WPXT- FP002	✓ Min. 1.1.4.2- WPXT- FP002	✓	✓	✓	✓ Min. SPC 2.2.1.0

	IBM FileNet Business Process Manager and IBM FileNet Content Manager											Other products			
										Common components					
	AE/ Workplace 4.0.2	WPXT 1.1.3.x 1.1.4.x	WPXT 1.1.5.x	Java Applets (BPM, Search, & Publish Designers, Process and Simulation Applets) 4.5.x	CFS 4.5.x	BAM 4.5.0	BPF 4.1.0	CN 4.5.2-001 & 4.6	WDGT 4.5.x	File Tracker AE 4.0.2 WPXT 1.1.3.x 1.1.4.x	Viewer AE 4.0.2 WPXT 1.1.3.x, 1.1.4.x	RM 4.5.0	IER 4.5.1	eForms 4.0.2	SPC Web Parts 2.2.x
Internet Explorer 9.x <i>Supported version: x86</i> Bit: 32 Bit Only	✓ Min. AE- 4.0.2.12		✓ Min. 1.1.5.1- WPXT- FP001	✓						✓ Min. AE- 4.0.2.12 and 1.1.5.1- WPXT- FP001	✓ Min. AE- 4.0.2.12 and 1.1.5.1- WPXT- FP001		✓	✓	
Mozilla Firefox 2.0.x <i>Supported version: x86</i> Bit: 32 Bit Only	✓	✓		✓	✓			See Notes	See Notes	✓ WPXT only Min WPXT 1.1.4.0	✓	✓	✓	✓	See Notes
Mozilla Firefox 3.0.x <i>Supported version: x86, Bit: 32 Bit Only</i>	✓	✓		✓	✓			See Notes	✓ See Notes	✓ WPXT only Min WPXT 1.1.4.0	✓	✓	✓	✓	See Notes
Mozilla Firefox 3.5.x <i>Supported version: x86, Bit: 32 Bit Only</i>	✓	✓ Min 1.1.4.2- WPXT- FP002 & Firefox 3.5.2		✓	✓				✓ Min 4.5.2.1	✓ Min 1.1.4.2- WPXT- FP002 & Firefox 3.5.2	✓ Min 1.1.4.2- WPXT- FP002 & Firefox 3.5.2		✓	✓	

IBM FileNet P8 4.5.x Hardware and Software Requirements
Client requirements — Browser support

	IBM FileNet Business Process Manager and IBM FileNet Content Manager											Other products			
											Common components				
	AE/ Workplace 4.0.2	WPXT 1.1.3.x 1.1.4.x	WPXT 1.1.5.x	Java Applets (BPM, Search, & Publish Designers, Process and Simulation Applets) 4.5.x	CFS 4.5.x	BAM 4.5.0	BPF 4.1.0	CN 4.5.2-001 & 4.6	WDGT 4.5.x	File Tracker AE 4.0.2 WPXT 1.1.3.x 1.1.4.x	Viewer AE 4.0.2 WPXT 1.1.3.x, 1.1.4.x	RM 4.5.0	IER 4.5.1	eForms 4.0.2	SPC Web Parts 2.2.x
Mozilla Firefox 3.6.x <i>Supported version:</i> x86 Bit: 32 Bit Only	✓ Min AE 4.0.2.7	✓ Min 1.1.4.2- WPXT- FP002 See Notes	✓	✓	✓				✓ Min 4.5.2.2 (Busine ss Space 7.0.0.4 or higher only)	✓ Min 1.1.4.2- WPXT- FP002 & AE is not supported	✓ Min 1.1.4.2- WPXT- FP002 & 4.0.2.7- P8AE- FP007		✓	✓	
Mozilla Firefox 4.0.x <i>Supported version:</i> x86 Bit: 32 Bit Only														✓	
Mozilla Firefox 5.0.x <i>Supported version:</i> x86 Bit: 32 Bit Only		✓ WPXT 1.1.4.x only	✓	✓						✓ WPXT 1.1.4.x only	✓ WPXT 1.1.4.x only				
Mozilla Firefox 6.0.x <i>Supported version:</i> x86 Bit: 32 Bit Only		✓ WPXT 1.1.4.x only	✓	✓						✓ WPXT 1.1.4.x only	✓				
Mozilla Firefox 10.0.x <i>Supported version:</i> x86 Bit: 32 Bit Only		✓ Min. WPXT 1.1.4.1 2	✓ Min. WPXT 1.1.5.1	✓						✓ WPXT 1.1.4.12 only	✓				
Mac OS															
Mozilla Firefox 2.0.x Bit: 32 Bit Only	✓							See Notes			✓ AE only			✓ AE only	

	IBM FileNet Business Process Manager and IBM FileNet Content Manager											Other products			
											Common components				
	AE/ Workplace 4.0.2	WPXT 1.1.3.x 1.1.4.x	WPXT 1.1.5.x	Java Applets (BPM, Search, & Publish Designers, Process and Simulation Applets) 4.5.x	CFS 4.5.x	BAM 4.5.0	BPF 4.1.0	CN 4.5.2-001 & 4.6	WDGT 4.5.x	File Tracker AE 4.0.2 WPXT 1.1.3.x 1.1.4.x	Viewer AE 4.0.2 WPXT 1.1.3.x, 1.1.4.x	RM 4.5.0	IER 4.5.1	eForms 4.0.2	SPC Web Parts 2.2.x
Mozilla Firefox 3.0.x Bit: 32 Bit Only	✓							See Notes			✓ AE only			✓ AE only Min: P8eF- 4.0.2- 001	
Mozilla Firefox 3.5.x Bit: 32 Bit Only	✓ Min: 4.0.2.7- P8AE- FP007 and OS 10.5													✓ AE only	
Mozilla Firefox 3.6.x Bit: 32 Bit Only	✓ Min: 4.0.2.7- P8AE- FP007 and OS 10.5													✓ AE only	
Mozilla Firefox 4.0.x Bit: 32 Bit Only															
Mozilla Firefox 5.0.x Bit: 32 Bit Only															
Mozilla Firefox 6.0.x Bit: 32 Bit Only															
Mozilla Firefox 10.0.x Bit: 32 Bit Only															
Safari 2.x Bit: 32 Bit Only	✓							See Notes			✓ AE only			✓ AE only	

	IBM FileNet Business Process Manager and IBM FileNet Content Manager											Other products			
											Common components				
	AE/ Workplace 4.0.2	WPXT 1.1.3.x 1.1.4.x	WPXT 1.1.5.x	Java Applets (BPM, Search, & Publish Designers, Process and Simulation Applets) 4.5.x	CFS 4.5.x	BAM 4.5.0	BPF 4.1.0	CN 4.5.2-001 & 4.6	WDGT 4.5.x	File Tracker AE 4.0.2 WPXT 1.1.3.x 1.1.4.x	Viewer AE 4.0.2 WPXT 1.1.3.x, 1.1.4.x	RM 4.5.0	IER 4.5.1	eForms 4.0.2	SPC Web Parts 2.2.x
Safari 3.1.x Bit: 32 Bit Only	✓							See Notes						✓ AE only Min: P8eF- 4.0.2- 001	
Safari 4.0.x Bit: 32 Bit Only	✓							See Notes			✓ AE only			✓ AE only Min: P8eF- 4.0.2- 001	
Safari 5.0.x Bit: 32 Bit Only														✓ AE only Min: P8eF- 4.0.2- 001	
Other															
Mozilla Firefox 2.0.x Bit: 32 Bit Only	✓							See Notes							
Mozilla Firefox 3.0.x Bit: 32 Bit Only	✓							See Notes							
Mozilla Firefox 3.5.x Bit: 32 Bit Only								See Notes							
Mozilla Firefox 3.6.x Bit: 32 Bit Only								See Notes							
Mozilla Firefox 4.0.x Bit: 32 Bit Only								See Notes							

	IBM FileNet Business Process Manager and IBM FileNet Content Manager												Other products			
											Common components					
	AE/ Workplace 4.0.2	WPXT 1.1.3.x 1.1.4.x	WPXT 1.1.5.x	Java Applets (BPM, Search, & Publish Designers, Process and Simulation Applets) 4.5.x	CFS 4.5.x	BAM 4.5.0	BPF 4.1.0	CN 4.5.2-001 & 4.6	WDGT 4.5.x	File Tracker AE 4.0.2 WPXT 1.1.3.x 1.1.4.x	Viewer AE 4.0.2 WPXT 1.1.3.x, 1.1.4.x	RM 4.5.0	IER 4.5.1	eForms 4.0.2	SPC Web Parts 2.2.x	
Mozilla Firefox 5.0.x Bit: 32 Bit Only																
Mozilla Firefox 6.0.x Bit: 32 Bit Only																
Mozilla Firefox 10.0.x Bit: 32 Bit Only																

NOTES

- ActiveX must be configured on Internet Explorer for Workplace XT 1.1.3.0 File Tracker and for Application Engine File Tracker. Workplace XT 1.1.4.0 no longer has this requirement.
- For IBM FileNet Connector for SharePoint Web Parts, refer to the Microsoft SharePoint product system requirements for information on supported browser levels.
- BAM 4.5.0 is the terminal release of this product. FileNet P8 4.5.1 provides direct IBM Cognos Now! integration. For hardware and software requirements of the IBM Cognos Now! Suite, see: http://www-01.ibm.com/software/data/cognos/products/now/support/?S_CMP=rnav.
- When Internet Explorer security setting is "High", BPF 4.1.0 requires that the BPF website address and Internet Explorer blank page address ("about:blank") are added into Internet Explorer Trusted sites. See the BPF 4.1.0 Release Notes item 837782 for more information.
- Business Process Framework 4.1.0 also requires MSXML 3.0 SP5 or higher to support AJAX functionality.
- Internet Explorer 8 and 1.1.4.2-WPXT-FP002 requires JRE 1.6.0_14.
- Internet Explorer 8 and 1.1.4.2-WPXT-FP002 on Vista requires Vista SP2.
- IBM ECM Widgets 4.5.2.1 on Internet Explorer 8 requires 1.1.4.2-WPXT-FP002 or above.
- IBM ECM Widgets drops Firefox 2.0.x support from IBM ECM Widgets 4.5.2 or higher.

- IBM ECM Widgets drops Firefox 3.0.x support from IBM ECM Widgets 4.5.2.1 or higher.
- Java applets, including those from Workplace and Workplace XT, fail to load after they have been loaded once in Firefox 3.6.14. This issue is resolved in Firefox 3.6.15.

Client operating systems

As indicated in this section, FileNet P8 clients support the specified operating systems, except as noted. Support is indicated by a check mark. A blank cell indicates non support.

	IBM FileNet Content Manager					IBM FileNet Business Process Manager						Other products		
	AE/ Workplace 4.0.2	WPXT 1.1.3.x 1.1.4.x 1.1.5.x	EM 4.5.x	FDM 4.5.x	FIMO 1.1.5	PA Client 4.5.x	PE VC 4.5.x	BAM 4.5.0	BPF 4.1.0	CN 4.5.2- 001 & 4.6	WDGT 4.5.x	eForms Designer 5.0.3	eForms 4.0.2	SPC Web Parts 2.2.x
Microsoft Windows XP SPx Minimum version: SP2 x86, 32-bit <i>Editions:</i> Professional	✓	✓	✓	✓	✓	✓	✓	✓ See Notes	✓ Min: BPF- 4.1.0-003	See Notes	✓	✓	✓	✓
Microsoft Windows Vista SPx Minimum version: Base x86, 32-/64bit <i>Editions:</i> Business	✓	✓	✓	✓	✓	✓	✓	✓ See Notes	✓ Min: BPF- 4.1.0-003 32-bit only	See Notes	✓	✓	✓	✓
Microsoft Windows 7 SPx Minimum version: Base x86, 32/64-bit <i>Editions:</i> Professional, Ultimate, Enterprise	✓ See Notes	✓	✓	✓	✓	✓ Min: PA 4.5.1	✓		✓ Min: BPF- 4.1.0-004 See Notes	See Notes	✓ Min: 4.5.2.1 32-bit only	✓	✓	✓
Macintosh OS X 10.5 Minimum version: Base	✓									See Notes			✓ Min: P8eF- 4.0.2-001	

IBM FileNet P8 4.5.x Hardware and Software Requirements
Client requirements — The Federal Desktop Core Configuration (FDCC & USGCB)

	IBM FileNet Content Manager					IBM FileNet Business Process Manager						Other products		
	AE/ Workplace 4.0.2	WPXT 1.1.3.x 1.1.4.x 1.1.5.x	EM 4.5.x	FDM 4.5.x	FIMO 1.1.5	PA Client 4.5.x	PE VC 4.5.x	BAM 4.5.0	BPF 4.1.0	CN 4.5.2- 001 & 4.6	WDGT 4.5.x	eForms Designer 5.0.3	eForms 4.0.2	SPC Web Parts 2.2.x
Macintosh OS X 10.6 Minimum version: Base													✓ Min: P8eF- 4.0.2- 001	

NOTES

- This Client Operating Systems section applies to the operating system that the end user clients are running on. For Workplace XT (WPXT), AE, Widgets (WDGT) and eForms, it is the end user client browser, Java applet, or thick client application that runs on the Client Operating system.
- BAM 4.5.0 is the terminal release of this product. FileNet P8 4.5.1 provides direct IBM Cognos Now! integration. For hardware and software requirements of the IBM Cognos Now! Suite, see: http://www-01.ibm.com/software/data/cognos/products/now/support/?S_CMP=rnav.
- Consult the BPF 4.1.0 Release Notes for item 900088 for information on how to use Window 7 SPx 32-bit with Internet Explorer 8.x.
- While all of P8 Application Engine/Workplace is not supported on Windows Home Premium, the FileNet Image Viewer can be run on Windows Home Premium and is supported.

The Federal Desktop Core Configuration (FDCC & USGCB)

The tables in this section list the FDCC client configurations that FileNet P8 clients support. Support is indicated by a check mark. A blank cell indicates non support.

The USCGB protocol applies only to Windows 7 in lieu of FDCC.

Tables in this section are arranged by:

- Content Manager
- Business Process Manager and Other products

Content Manager

	IBM FileNet Content Manager					
	AE Workplace 4.0.2	WPXT 1.1.3.x 1.1.4.x 1.1.5.x	EM 4.5.x	CFS 4.5.x	FDM 4.5.x	FIMO 1.1.5
Microsoft Windows XP SPx <i>Editions:</i> Professional <i>Minimum version:</i> SP2 x86, 32-bit BPM and Other products support	✓	✓	✓	✓	✓	✓
Microsoft Windows Vista SPx <i>Editions:</i> Business <i>Minimum version:</i> Base x86, 32-bit and 64-bit BPM and Other products support	✓	✓	✓ 32-bit only	✓	✓	✓
Microsoft Windows 7 SPx <i>Editions:</i> Professional, Ultimate, and Enterprise <i>Minimum version:</i> Base x86, 32-bit and 64-bit BPM and Other products support			Supported in P8 5.0	Supported in P8 5.0	Supported in P8 5.0	

Business Process Manager and Other products

	IBM FileNet Business Process Manager							Other products		
	PA Client 4.5.x	PE VC 4.5.x	BAM 4.5.x	BPF 4.1.0	CN 4.5.2-001 4.6	BPM Applets 4.5.x	WDGT 4.5.x	eForms Designer 5.0.3	eForms 4.0.2	SPC Web Parts 2.2.x
Microsoft Windows XP SPx <i>Editions:</i> Professional <i>Minimum version:</i> SP2 x86, 32-bit CM support	✓	✓	✓ See Notes	✓ Minimum: BPF-4.1.0-003	See Notes	✓	✓	✓	✓	✓
Microsoft Windows Vista SPx <i>Editions:</i> Business <i>Minimum version:</i> Base x86, 32-bit and 64-bit CM support	✓	✓	✓ See Notes	✓ Minimum: BPF 4.1.0-003 32-bit only	See Notes	✓	✓	✓	✓	✓

	IBM FileNet Business Process Manager							Other products		
	PA Client 4.5.x	PE VC 4.5.x	BAM 4.5.x	BPF 4.1.0	CN 4.5.2-001 4.6	BPM Applets 4.5.x	WDGT 4.5.x	eForms Designer 5.0.3	eForms 4.0.2	SPC Web Parts 2.2.x
Microsoft Windows 7 SPx <i>Editions: Professional, Ultimate, and Enterprise</i> Minimum version: Base x86, 32-bit and 64-bit CM support					See Notes			✓	✓	

NOTE

BAM 4.5.0 is the terminal release of this product. FileNet P8 4.5.1 provides direct IBM Cognos Now! integration. For hardware and software requirements of the IBM Cognos Now! Suite, see: http://www-01.ibm.com/software/data/cognos/products/now/support/?S_CMP=rnav.

Client applications

Support is indicated by a check mark. A blank cell indicates non support

	IBM FileNet Content Manager							IBM FileNet Business Process Manager		Other products
	AE/Workplace 4.0.2		WPXT 1.1.3.x/1.1.4.x/1.1.5.x				FIMO 1.1.5	PA Client 4.5.x	PE VC 4.5.x	SPC Web Parts 2.2.x
	Application Integration	WebDAV	Application Integration for WPXT 1.1.3/1.1.4/1.1.5	Application Integration BCS for WPXT 1.1.3/1.1.4	WebDAV XT 1.1.4.x	WebDAV XT 1.1.5				
Microsoft Office XP SPx Minimum version: SP3 Operating systems: Windows XP SPx, and Windows Vista		✓							✓	
Microsoft Office 2003 SPx Minimum version: Base Operating systems: Windows XP SPx, and Windows Vista SPx	✓ Minimum: SP3	✓ Minimum: SP3	✓ Minimum: SP3 See Notes		✓ Minimum: SP3	✓ Minimum: SP3		✓ Excel SP3 See Notes	✓	✓
Microsoft Office 2007 SPx Minimum version: Base Operating systems: Windows XP SPx, and Windows Vista SPx	✓	✓ Minimum: 4.0.2.6-P8AE-FP006	✓ See Notes	✓	✓ Minimum: 1.1.4.6-WPXT-	✓	✓	✓	✓	✓

	IBM FileNet Content Manager							IBM FileNet Business Process Manager		Other products
	AE/Workplace 4.0.2		WPXT 1.1.3.x/1.1.4.x/1.1.5.x				FIMO 1.1.5	PA Client 4.5.x	PE VC 4.5.x	SPC Web Parts 2.2.x
	Application Integration	WebDAV	Application Integration for WPXT 1.1.3/1.1.4/1.1.5	Application Integration BCS for WPXT 1.1.3/1.1.4	WebDAV XT 1.1.4.x	WebDAV XT 1.1.5				
					FP006					
Microsoft Office 2010 SPx Minimum version: Base Operating systems: Windows XP, Windows Vista and Windows 7 Bit: x86, 32-bit deployment	✓ Minimum: 4.0.2.9-P8AE-FP009		✓ Minimum: XT 1.1.4.8 See Notes		✓ See Notes	✓	✓ Minimum: FIMO 1.1.5.2 See Notes	✓ Excel only Minimum 4.5.1.1		
Microsoft Office 2010 SPx Minimum version: Base Operating systems: Windows XP, Windows Vista and Windows 7 Bit: x86, 64-bit deployment										
Adobe® GoLive 6.0/Adobe GoLive CS2 Minimum version: Base Operating system: Windows XP, Windows Vista, and Microsoft Windows Server 2003		✓								
Macromedia Dreamweaver MX 2004 (Dreamweaver 8) Minimum version: Base		✓								
Microsoft Windows Explorer for XP SPx Minimum version: Base		✓ See Notes			✓ See Notes					
Microsoft Windows Explorer for Vista SPx Minimum version: Base		✓ Minimum: 4.0.2.6-P8AE-FP006 See Notes			✓ Minimum: XT 1.1.4.6 See Notes					
Microsoft Windows Explorer for Windows 7 SPx Minimum version: Base		✓ Minimum: 4.0.2.6-P8AE-FP006 See Notes			✓ Minimum: XT 1.1.4.6 See Notes			✓ Minimum: PA 4.5.1		

NOTES

- Process Analyzer client 4.5.x also requires the following:
 - Microsoft Excel 2003 SP3 with Query Analyzer.
 - Microsoft Excel 2007 with Query Analyzer is required for use on an IPv6 network.
 - Microsoft XML Core Services 6.1
 - Microsoft SQL Server 2008 10.0 Analysis Services OLE DB Provider if you are using SQL Server 2008.
 - Microsoft SQL Server 2005 9.0 Analysis Services OLE DB Provider if you are using SQL Server 2005.
- Application Integration BCS has the following additional requirements, which are installed by the BCS installer if not present:
 - Microsoft Web Services Enhancements 3.0
 - Microsoft Visual Studio Tools for Office 3.0
 - Microsoft Office 2007 Primary Interop Assemblies
 - Windows Installer 3.1
- Workplace XT 1.1.3.x requires Microsoft .NET Framework 3.5. If you run in a supported language other than English, you must install the appropriate language packs for the .NET Framework.
- Workplace XT 1.1.4.x requires Microsoft .NET Framework 3.5 SP1. If you run in a supported language other than English you must install the appropriate language packs for the .NET Framework.
- WebDAV for Application Engine and Workplace XT requires Microsoft hot fix KB841215 which must be installed (see <http://support.microsoft.com/kb/841215> for details).
- FileNet Integration for Microsoft Office
 - FileNet Integration for Microsoft Office has a minimum requirement of Workplace XT 1.1.4 or above.
 - FileNet Integration for Microsoft Office Installer will install the following components if not present:
 - Microsoft .NET Framework 3.5 SP1. If you run in a supported language other than English you must install the appropriate language packs for the .NET Framework.
 - Microsoft Web Services Enhancements 3.0
 - Microsoft Visual Studio Tools for Office 3.0
 - Microsoft Office 2007 Primary Interop Assemblies
 - Windows Installer 3.1

- See tech note <http://www-01.ibm.com/support/docview.wss?rs=3247&uid=swg27020234> for further details regarding FIMO and Office 2010.
- IBM FileNet Rendition Engine 4.5.0 and 4.5.1
 - Applications supported by the Rendition Engine are determined by an independent software vendor. For a list of supported applications, navigate to this path on your RE server: **System Administration > Enterprise-Wide Administration > Publishing > Publishing Style Template Manager > Supported Gold list of MIME types.**
 - To render Microsoft PowerPoint documents to HTML using Office 2007, you must apply the Security Update for Microsoft Office PowerPoint 2007 (KB951338) from Microsoft.

Client Java Runtime Environment (JRE)

FileNet P8 clients are not automatically compatible with JRE updates. IBM recommends that you refer back to this guide to confirm support before applying a newer JRE on the client. Support is indicated by a check mark. A blank cell indicates non support

For information about the supported Java™ developer kits for the JavaEE-based server products, see [Supported application server Java Virtual Machines](#).

	AE/Workplace 4.0.2 (Search & Publish Designers; Viewer)	Workplace XT Authoring, Search Designer, Image Viewer, Drag and Drop	BPM Applets for AE & WPXT	FDM 4.5.x	CE custom standalone client applications
JRE 1.4.2_xx <i>Supported version: 32-bit</i>					✓
JRE 1.5.0_09 (5.0) <i>Supported version: 32-bit</i>	✓	✓ See Notes	✓	✓	✓
JRE 1.5.0_11 (5.0) <i>Supported version: 32-bit</i>	✓	✓ See Notes	✓	✓	✓
JRE 1.5.0_12 (5.0) <i>Supported version: 32-bit</i>	✓	✓ See Notes	✓	✓	✓
JRE 1.6.0_00 (6.0) <i>Supported version: 32-bit</i>	✓	✓ See Notes	✓		✓
JRE 1.6.0_11 (6.0) <i>Supported version: 32-bit</i>	✓ Min. P8AE-4.2.0.5-FP005		✓		
JRE 1.6.0_14 (6.0) <i>Supported version: 32-bit</i>	✓ Min. 4.0.2.5-P8AE-FP005	✓ Min. 1.1.4.2-WPXT-FP002	✓		

	AE/Workplace 4.0.2 (Search & Publish Designers; Viewer)	Workplace XT Authoring, Search Designer, Image Viewer, Drag and Drop	BPM Applets for AE & WPXT	FDM 4.5.x	CE custom standalone client applications
JRE 1.6.0_30 (6.0) <i>Supported version: 32-bit</i>	✓ Min 4.0.2.13-P8AE-FP013	✓ Minimum: 1.1.4.13-WPXT-FP013 1.1.5.1 WPXT-FP001	✓ Min: 1.1.4.13-WPXT-FP013 1.1.5.1 WPXT-FP001 4.5.1.3-P8PE-FP003		
Sun JRE 1.6.0_31 (6.0) <i>Supported version: 32-bit</i>	✓ Min. 4.0.2.13-P8AE-FP013	✓ Min. 1.1.4.13. WPXT-FP013	✓ Min: 1.1.4.13-WPXT-FP013 1.1.5.1 WPXT-FP001		
Sun JRE 1.6.0_38 <i>Supported version: 32-bit</i>	✓ Min. 4.0.2.13-P8AE-FP013	✓	✓		
JRE 1.7.0_2 (7.0) <i>Supported version: 32-bit</i>	✓ Min 4.0.2.13-P8AE-FP013	✓ Minimum: 1.1.4.13-WPXT-FP013 1.1.5.1 WPXT-FP001	✓ Min: 1.1.4.13-WPXT-FP013 1.1.5.1 WPXT-FP001 4.5.1.3-P8PE-FP003		
Sun JRE 1.7.0_7 (7.0) <i>Supported version 32-bit</i>	✓ Min. 4.0.2.13-P8AE-FP013	✓ Min. 1.1.4.13. WPXT-FP013	✓ Min: 1.1.4.13-WPXT-FP013 1.1.5.1 WPXT-FP001 4.5.1.3-P8PE-FP003		
Sun JRE 1.7.0.11	✓	✓ Minimum: 1.1.5.1 WPXT-FP001			

NOTES

- For Content Engine clients running within Java EE application servers (including stand-alone Java clients using EJB transport), the JDK/JRE must be supported by the application server vendor.
- For Content Engine clients, JDK/JREs 1.4.2 and higher in the Java 2 line are supported for custom application development and client-side runtimes. Client-side FileNet P8 CM JAR files are delivered with Java 1.4.2-compatible class files.
- JDKs/JREs must be entitled to use the "Java Compatible" logo which means, among other things, that they have passed Java Certification Kit (JCK) testing. (See <http://www.java.com/en/about/brand/>.) Additionally, only JDKs published by IBM, Sun Microsystems, the application server vendor, or the operating system vendor are supported.
- FileNet Deployment Manager supports the IBM JREs only.
- For Workplace XT 1.1.3.x, a JRE is required to use the search, viewer, and drag and drop capabilities.

- For Workplace XT 1.1.4.x, a JRE is required to use the search, viewer, drag and drop, add, check in, check out, file tracker, and send mail capabilities.
- Review tech note: <https://www-304.ibm.com/support/docview.wss?uid=swg27023011> for information about JRE 1.6.0-17 and JRE 1.6.0-25 and trusted jar file configurations.
- The Business Process Framework 4.1.0 Viewer support for client JREs has the same requirements as the P8AE Viewer.

Storage device support

For third-party components, the appropriate vendors' support documentation should be reviewed to assure functionality and support. Refer to the [IMPORTANT](#) notice in the Introduction of this guide for IBM's support statement for vendor products.

File systems

- IBM FileNet products require:
- POSIX-compliant file systems on Unix and Linux platforms
- NTFS-compatible file systems on Microsoft Windows platforms
- IBM will support FileNet products on supported platforms with any file systems that meet the stated requirements. However, customers should be aware that file systems with high latency, such as hierarchical storage management systems, can cause performance problems. If threads are blocked waiting on I/O to complete, severe resource contention and poor performance may result.

File system encryption technologies

Some encryption technologies are designed to be, and advertised as being, transparent to applications and communication channels to and from storage; however, IBM FileNet has not tested those claims. Although no specific integration effort may be required for the use of these technologies with our software, performance might still be affected.

IBM supports its software deployed in environments using these products unless otherwise noted. However, if in the course of troubleshooting its software, IBM determines an issue is related to the encryption product, IBM might require that the customer reproduce the problem in an environment without file system encryption.

File storage areas on encrypted NTFS devices are not supported.

CIFS and NFS-compatible storage devices

- FileNet P8 supports Magnetic Network Attached Storage (NAS) devices that enable access through the Network File System (NFS), or Common Internet File System (CIFS). This excludes NAS heads fronting Hierarchical Storage Management (HSM) systems. These devices are not supported.
- To ensure reliable operation and prevent possible corruption or loss of data, FileNet P8 requires NFS version 3 or NFS version 4 with at least an Uninterruptible Power Supply (UPS) backup device for mitigating power-off scenarios.
- P8 requires file locking. For NFS v3, this is usually provided by the Network Lock Manager which is a separate service that must be enabled.

- An IBM FileNet best practice is to implement a highly available storage system.
- Content Search Engine index collections must be located on a disk that is local to the Content Search Engine server. Using a remote mounted disk that is accessed for indexing using the network via NFS, PCNFS, or CIFS is not supported. Searching is supported for NSF, PCNFS or CIFS mounted collections.

GPFS support

- GPFS 3.3 is now supported on Linux and AIX for file storage areas, fixed content staging areas, and content cache areas.
- When connecting to GPFS using an NFS mount, NFS4 is required.

Centera support

- Content Engine 4.5.x can be configured to store content in EMC Centera Basic, Governance, and Compliance Edition Plus storage devices.
- For Content Engine 4.5.0, this capability is qualified with Centera SDK version 3.2.607 and supported with all versions of CentraStar that are compatible with this version of the SDK.
- For Content Engine 4.5.1, this capability is qualified with Centera SDK version 3.2.687 and supported with all versions of CentraStar that are compatible with this version of the SDK.
- For Content Engine 4.5.1.5, this capability is qualified with Centera SDK version 3.2.705 and supported with all versions of CentraStar that are compatible with this version of the SDK.
- For the CentraStar and SDK Release and Interoperability Matrix see <https://community.emc.com/docs/DOC-12049>.
 - However, support is limited to the functionality described in the FileNet P8 documentation.
 - New CentraStar features are not automatically supported.
 - Installing any version of the Centera SDK on the Content Engine server, in whole or in part over the FileNet-installed version, is not supported.
 - For platform restrictions, see [Protected storage](#).

Network Appliance SnapLock support

Content Engine 4.5.x can be configured to store content in Network Appliance's or IBM N-series' SnapLock-enabled storage devices using a CIFS or NFS mount. Content Engine supports both SnapLock Enterprise and Compliance Editions.

NOTE

For platform restrictions, see [Protected storage](#).

IBM System Storage DR550

Content Engine 4.5.x can be configured to store content in IBM System Storage DR550, using the customer-installable Tivoli Storage Manager Archive Client API 5.5 or 6.1.

NOTES

- Content Engine on Oracle Weblogic Server 10g & 11g requires a minimum version of JRockit JDK v1.6.24 R28.1.3 when using Tivoli Storage Manager.
- P8CE-4.5.0-002 does not support the ability to configure a TSM Management Class so that Content Engine writes directly to a TSM/SSAM tape storage pool in the DR550.
- P8CE-4.5.0-002 does not support tape storage.
- P8CE-4.5.0-002 and Content Engine 4.5.1 do not support storage on media such as optical, Centera, and SnapLock.
- Content Engine 4.5.1 supports disk storage and basic tape storage.
 - Content Engine 4.5.1 limits tape storage support to near-line media that can be readily and transparently mounted for content retrieval.
 - Content Engine 4.5.1 does not support offline tape, or any form of end-user notification when an offline tape becomes online.
- For platform restrictions, see [Protected storage](#).
- Storage on media such as optical, Centera, and SnapLock is not supported.

IBM Information Archive

Content Engine 4.5.1 and later can be configured to store content in IBM Information Archive, using the customer-installable Tivoli Storage Manager Archive Client API 6.1.

- Content Engine 4.5.1 supports disk storage and basic tape storage.
 - Content Engine 4.5.1 limits tape storage support to near-line media that can be readily and transparently mounted for content retrieval.
 - Content Engine 4.5.1 does not support offline tape, or any form of end-user notification when an offline tape becomes online.
- For platform restrictions, see Protected storage.
- Storage on media such as optical, Centera, and SnapLock is not supported.
- Only the System Storage Archive Manager (SSAM) interface that uses the Tivoli Storage Manager API is supported.
- File system interfaces such as NFS and CIFS are not supported.
- Content Engine on Oracle Weblogic Server 10g & 11g requires a minimum version of JRockit JDK v1.6.24 R28.1.3 when using Tivoli Storage Manager.

IBM Tivoli Storage Manager 6.1

Content Engine 4.5.1 can be configured to store content in IBM Tivoli Storage Manager server, version 6.1, using the customer-installable Tivoli Storage Manager Archive Client API, version 6.1

- Content Engine 4.5.1 supports disk storage and basic tape storage.
 - Tape storage support is limited to near-line media that can be readily and transparently mounted for content retrieval.
 - Content Engine 4.5.1 does not support offline tape, or any form of end-user notification when an offline tape becomes online.
- Storage on media such as optical, Centera, and SnapLock is not supported.
- Content Engine on Oracle Weblogic Server 10g & 11g requires a minimum version of JRockit JDK v1.6.24 R28.1.3 when using Tivoli Storage Manager.

Protected storage

The following table indicates IBM FileNet P8 support for protected storage devices. Support is indicated by a check mark. A blank cell indicates non support

	Centera SDK 3.2.607	Centera SDK 3.2.687	Centera SDK 3.2.705	OnTap 7.2.x & 7.3.x / SnapLock API 1.5	IBM System Storage DR550, TSM Archive Client 5.5	IBM Information Archive, TSM 6.1
IBM AIX 5.3 Minimum version: TL4 IBM POWER-based processors, 64-bit	✓ CE 4.5.0.x only Minimum: Maintenance pack 5300-003	✓ Minimum: CE 4.5.1 Minimum: Maintenance pack 5300-003	✓ Minimum: CE 4.5.1.5 Minimum: Maintenance pack 5300-003	✓	✓ Minimum: P8CE-4.5.0-002 Minimum: AIX version TL5	✓ Minimum: CE 4.5.1 Minimum: AIX version TL5
IBM AIX 6.1 Minimum version: Base IBM POWER-based processors, 64-bit			✓ Minimum: CE 4.5.1.5 Minimum: Maintenance pack 5300-003	✓	✓ Minimum: P8CE-4.5.0-002	✓ Minimum: CE 4.5.1
Microsoft Windows Server 2003 SPx Minimum version: SP1 x86, 32/64-bit <i>Editions:</i> Standard, Enterprise, and Datacenter, includes R2	✓ CE 4.5.0.x only R2, Standard edition only	✓ Minimum: CE 4.5.1 R2, Standard edition only	✓ Minimum: CE 4.5.1.5 R2, Standard edition only	✓	✓ Minimum: P8CE-4.5.0-002	✓ Minimum: CE 4.5.1
Microsoft Windows Server 2008 Minimum version: SP1 x86, 32/64-bit <i>Editions:</i> Standard, Enterprise, and Datacenter	Pending Vendor	✓ Minimum: CE 4.5.1 Standard edition only	✓ Minimum: CE 4.5.1.5	✓	✓ Minimum: P8CE-4.5.0-002	✓ Minimum: CE 4.5.1

	Centera SDK 3.2.607	Centera SDK 3.2.687	Centera SDK 3.2.705	OnTap 7.2.x & 7.3.x / SnapLock API 1.5	IBM System Storage DR550, TSM Archive Client 5.5	IBM Information Archive, TSM 6.1
Microsoft Windows Server 2008 R2 Minimum version: SP1 x86, 32/64-bit <i>Editions:</i> Standard, Enterprise, and Datacenter	Pending Vendor		✓ Minimum: CE 4.5.1.5	✓	✓ Minimum: TSM Client 5.5.2.12	✓ Minimum: CE 4.5.1 Minimum: TSM Client 6.1.2
Sun Solaris 9 Minimum version: Base SPARC, 64-bit	✓ CE 4.5.0.x only	✓ Minimum: CE 4.5.1	✓ Minimum: CE 4.5.1.5	✓	✓ Minimum: P8CE-4.5.0-002	
Sun Solaris 10 Minimum version: Base SPARC, 64-bit	✓ CE 4.5.0.x only	✓ Minimum: CE 4.5.1	✓ Minimum: CE 4.5.1.5	✓	✓ Minimum: P8CE-4.5.0-002	✓ Minimum: CE 4.5.1
HP-UX 11i v2 Minimum version: Base PA-RISC and Itanium, 64-bit	✓ Itanium only CE 4.5.0.x only	✓ Minimum: CE 4.5.1 Itanium only	✓ Minimum: CE 4.5.1.5 Itanium only	✓	✓ Minimum: P8CE-4.5.0-002	✓ Minimum: CE 4.5.1 Itanium only
HP-UX 11i v3 Minimum version: Base PA-RISC and Itanium, 64-bit				✓	✓ Minimum: P8CE-4.5.0-002	✓ Minimum: CE 4.5.1 Itanium only
Red Hat Enterprise Linux 4.x Minimum version: Base x86 32/64-bit <i>Editions:</i> AS, ES, WS	✓ AS only CE 4.5.0.x only	✓ Minimum: CE 4.5.1 AS only	✓ Minimum: CE 4.5.1.5 AS only	✓	✓ Minimum: P8CE-4.5.0-002	
Red Hat Enterprise Linux for System z version 4.x Minimum version: Base System z , 64-bit <i>Editions:</i> AS, ES, WS				✓	✓ Minimum: P8CE-4.5.0-002	
Red Hat Enterprise Linux 5.x Minimum version 5.1: x86 32/64-bit <i>Editions:</i> Advanced Platform Enterprise	Pending Vendor	Pending Vendor	Pending Vendor	✓	✓ Minimum: P8CE-4.5.0-002	✓ Minimum: CE 4.5.1
Red Hat Enterprise Linux for System z version 5.x Minimum version 5.1: System z 64-bit <i>Editions:</i> Advanced Platform Enterprise				✓	✓ Minimum: P8CE-4.5.0-002	✓ Minimum: CE 4.5.1

	Centera SDK 3.2.607	Centera SDK 3.2.687	Centera SDK 3.2.705	OnTap 7.2.x & 7.3.x / SnapLock API 1.5	IBM System Storage DR550, TSM Archive Client 5.5	IBM Information Archive, TSM 6.1
Novell SUSE Linux Enterprise Server 9 SPx Minimum version: Base x86 32/64-bit Edition: SLES	✓ CE 4.5.0.x only Minimum: SP1	✓ Minimum: CE 4.5.1 Minimum:SP1	✓ Minimum: CE 4.5.1.5 Minimum:SP1	✓	✓ Minimum: P8CE-4.5.0-002	
Novell SUSE Linux Enterprise Server for System z version 9 SPx Minimum version: Base System z 64-bit Edition: SLES				✓	✓ Minimum: P8CE-4.5.0-002	
Novell SUSE Linux Enterprise Server 10 SPx Minimum version: Base x86 32/64-bit Edition: SLES	✓ CE 4.5.0.x only	✓ Minimum: CE 4.5.1	✓ Minimum: CE 4.5.1.5	✓	✓ Minimum: P8CE-4.5.0-002	✓ Minimum: CE 4.5.1
Novell SUSE Linux Enterprise Server for System z version 10 SPx Minimum version: Base System z 64-bit Edition: SLES				✓	✓ Minimum: P8CE-4.5.0-002	✓ Minimum: CE 4.5.1
Novell SUSE Linux Enterprise Server 11 SPx Minimum version: Base x86 32/64-bit Edition: SLES				✓		✓ Minimum: CE 4.5.1 No GPFS Support
Novell SUSE Linux Enterprise Server for System z version 11 SPx Minimum version: Base System z 64-bit Edition: SLES				✓		✓ Minimum: CE 4.5.1

NOTE

For all P8 components that support AIX 6.1, the Power7 architecture is also supported.

Development requirements

Scripting Language Support

The P8CE APIs do not explicitly support being called from scripting environments.

- IBM FileNet product development does not test, certify, or document the use of scripting interfaces to P8 APIs. Rather, scripting environments are treated as simply another application layer above the APIs.
- To separate P8 API product integrity issues from specific scripting language and environment issues, IBM FileNet support may require suspected API problems to be reproduced with non-script calling code. This applies to both functional and performance issues.
- It is still supported to use JavaScript for the pre/post import scripts associated with a CE AddOn.
- Also, individual applications (for example, Enterprise Manager, Deployment Manager) may support scripting of the tools in various languages independent of this statement concerning scripting of the CE APIs.
- IBM FileNet does not support using anything other than Java to implement CE event handlers, classifiers, and other custom code which runs within the CE server.

Content and Process APIs

- For EJB development: FileNet P8 Platform supports only homogeneous application server environments between the client and the Content Engine server. That is, the same application server vendor and version run on the client and the Content Engine server.
- For clients running within Java EE application servers (including standalone Java clients using EJB transport), the JDK/JRE must be supported by the application server vendor.
- For the Content Engine and Process Engine Java APIs:
 - JDK/JRE 1.4.2 and later is supported.
 - JDK/JRE 1.5.x and later is supported.
 - JDK/JRE 1.6.x and later is supported.
- JDKs/JREs must be entitled to use the "Java Compatible" logo, which means, among other things that they have passed Java Certification Kit (JCK) testing. (See <http://www.java.com/en/about/brand/>.) Exceptions include the following JDKs/JREs:
 - WebLogic 9.2 and WebLogic 10 with JRockit deployments require JRockit 1.5.0_14 or higher.
 - WebLogic 9.2, WebLogic 10, and JBoss 4.0.x with Sun JDK deployments require Sun 1.5.0_07 or higher.
- The GNU Compiler for the Java Programming Language (GCJ), configured as the default Java environment on some Linux systems, is not Java Compatible and is not supported for use with P8.

Content and Process Web Services APIs

Development and Client Runtime Environment	Content Engine Web Services 3.5.0 Endpoint	Content Engine Web Services 4.0.0 Endpoint	Process Engine Web Services
IBM Rational® Application Developer for WebSphere Software v6.0 Interim Fix PQ98856: no support for attachments	✓		
IBM Rational Application Developer for WebSphere Software v7.5 Attachment support is TBD		✓ Minimum: FileNet P8 4.5.1	✓ Minimum: FileNet P8 4.5.1
WebSphere Studio Application Developer 5.1			✓
Microsoft Visual Studio 2003 .NET Framework 1.1 SP1 or 2.0 base and WSE 2.0 SP2 or higher	✓		✓
Microsoft Visual Studio 2005 .NET Framework 2.0 or higher with WSE 3.0, MTOM attachments		✓	✓
Microsoft Visual Studio 2008 .NET Framework 2.0 or higher with WSE 3.0, .NET Framework 3.0 or higher with WCF, MTOM attachments		Supported in P8 5.0	✓ Minimum: FileNet P8 4.5.1

NOTE

Process Engine Java API utilization through the COM bridge (Jiglu) is not supported in SSO environments. The Process Engine Web Services API should be used instead.

Additional support statements

For third-party components, the appropriate vendors' support documentation should be reviewed to assure functionality and support. Refer to the [IMPORTANT](#) notice in the Introduction of this guide for IBM's support statement for vendor products.

Citrix

FileNet P8 4.5.x with Citrix remote access products is supported with the following use-case exceptions:

- Installation of FileNet P8 software is not supported.
- Administration of Process Engine and process-related services is not supported.

IPv6

The tables in this section list IPv6 compliance. Support is indicated by a check mark. A blank cell indicates non support

Tables in this section are arranged by:

- Content Manager
- Business Process Manager and Other products

Content Manager

	Content Manager							
	AE 4.0.2	CE 4.5.x	WPXT 1.1.3.x/ 1.1.4.x	CSE 4.5.x	CFS 4.5.x	RE 4.5.x	FNQS 1.1	FIMO 1.1.5
IPv6 compliant	✓	✓	✓		✓		✓	✓

Business Process Manager and Other products

	Business Process Manager							Other products			
	PE 4.5.x	PA 4.5.x	PS 4.5.x	BAM 4.5.0	BPF 4.1.0	CN 4.5.2-001 & 4.6	WDGT 4.5.x	eForms 4.0.2	RM 4.5.0	IER 4.5.1	SP 2.2.x
IPv6 compliant	✓ Minimum: P8PE- 4.5.0-001	✓ Minimum: P8PA-4.5.0-001	✓ Minimum: P8PS-4.5.0-001	✓		See Notes	✓ Minimum: WDGT 4.5.1	✓	✓	✓	✓

NOTES

- The operating system level, the database level, the application server, JRE, cluster server software, and the browser version must be certified as IPv6 compliant by the vendor. Before planning a FileNet P8 IPv6 deployment, we recommend that you verify the IPv6 compatibility of each of the vendor's products in your environment.
- FileNet P8 supports a dual-stack configuration. When configured appropriately, the products in the preceding "IPv6" table can run in any combination of IPv4 and IPv6.
- Process Engine Farms support IPv6 with FileNet P8 4.5.1 or higher.
- BAM 4.5.0 is the terminal release of this product. FileNet P8 4.5.1 provides direct IBM Cognos Now! integration. For hardware and software requirements of the IBM Cognos Now! Suite, see: http://www-01.ibm.com/software/data/cognos/products/now/support/?S_CMP=rnav.

JAWS support

The tables in this section list JAWS support. Support is indicated by a check mark. A blank cell indicates non support.

Tables in this section are arranged by:

- Content Manager
- Business Process Manager and Other products

IMPORTANT The tables below do not guarantee complete accessibility of FileNet P8 products running in JAWS, but rather indicates the products that support usage of this tool.

Content Manager

	Content Manager									
	FDM 4.5.x	CMUI 4.5.x	EM 4.5.x	AE 4.0.2	CFS 4.5.x	WPXT 1.1.3.x/ 1.1.4.x	WPXT 1.1.5.x	FNQS 1.0	FNQS 1.1	FIMO 1.1.5
JAWS 9.0		✓		✓	✓	✓		✓		✓
JAWS 10.0										✓
JAWS 11.0									✓	
JAWS 12.0							✓			

Business Process Manager and Other products

	Business Process Manager				Other products				
	Process Administrator 4.5.x	Process Configuration Console 4.5.x	BPF 4.1.0	WDGT 4.5.x	eForms 4.0.2	Desktop eForms 6.0	RM 4.5.0	IER 4.5.1	SPC Web Parts 2.2.x
JAWS 9.0	✓	✓			✓		✓	✓	✓
JAWS 10.0									

NOTE

The other BPM Java applets (Task Manager, Process Designer, Tracker, Simulation Console, Simulation Designer, and Simulation Animator) are not supported with JAWS.

Load balancing

In general, IBM FileNet P8 Platform provides an infrastructure that can be leveraged by any high availability technology.

IBM FileNet P8 Platform supports any HTTP-based load balancing products with these exceptions:

- Prior to FileNet P8 4.5.1, Process Engine supported only hardware load balancers. Beginning with Process Engine 4.5.1, WebSphere Edge Components Software Load Balancer is also supported in IPv4 mode.
- When using the EJB transport protocol, Content Engine does not support the use of third-party load balancing products. Instead, Content Engine achieves load balancing through the clustering technology built into the underlying application server.
- P8AE-4.0.2.x does not support directory security when using IIS as a proxy in front of WebSphere for Application Engine
- Although Content Engine to LDAP communication should work with most load balancing products that support TCP/IP and SSL over TCP/IP, the optimal configuration will depend upon the load balancing product and the application server that hosts Content Engine. Consult the vendor of your load balancing product for configuration recommendations, and confirm the configuration in your environment by conducting a proof of concept or pilot project.
- For more information, see the *IBM FileNet P8 High Availability Technical Notice*. To download this document see, [Access IBM FileNet documentation, compatibility matrices, and fix packs](#).
- When reporting a software issue, you might be asked to reproduce the issue after temporarily disabling the load balancing technology.

ORB support

Even though the default ORB varies by application server in most instances, no changes are required; however, in certain configurations you must override the defaults. For more information, see “Configure Process Engine clients for ORB” section of the *Plan and Prepare your Environment for IBM FileNet P8* guide. To download this document, see [Access IBM FileNet documentation, compatibility matrices, and fix packs](#).

Process Engine clients support usage of the IBM or the Sun ORB in the following configurations:

- Java EE application server clients such as Workplace or Workplace XT must use the IBM or the Sun ORB.
- Content Engine must use the IBM or the Sun ORB when using the workflow subscription processor to launch workflows. In this context Content Engine is a client of PE.
- Non-Java EE and custom applications must use the IBM or Sun ORB.

Proxy and firewall support

Proxy and firewall products must be HTTP 1.1 compliant.

Tools and utilities

File compression utilities.

- Content Search Engine locales installation on Unix requires a minimum version of 1.3 for gzip or the gunzip file compression utility.
- Content Search Engine locales installation on Windows requires the use of either WinZip or WinRAR. The native Windows extractor will not work.

WebSphere Integration

Support is indicated by a check mark. A blank cell indicates non support.

	Business Process Manager	
	PE 4.5.0	PE 4.5.1
WebSphere Business Monitor 6.1.2 Minimum version: base	✓	
WebSphere Business Monitor 6.2 Minimum version: base		✓
WebSphere Business Modeler 6.0.2 Minimum version: base	✓	
WebSphere Business Modeler 6.2 Minimum version: base		✓
WebSphere Business Monitor 7.0 Minimum version: base		✓ Minimum 4.5.1.1-P8PE-FP001
IBM Business Monitor 7.5.1 Minimum version: base		✓ Minimum 4.5.1.3-P8PE-FP003
WebSphere Services Registry Repository 6.2 Minimum version: base	✓	✓

Application deployment notes

Business Process Framework

- Consult the Business Process Framework 4.1.0 Release Notes item 803294 for information on installing BPF with Process Engine 4.5.x
- Consult the Business Process Framework 4.1.0 Release Notes item 835272 for information on installing BPF with P8AE-4.0.2.0, P8AE-4.0.2.1 or P8AE-4.0.2.2

Content Federation Services

Source repository support through IBM Content Integrator 8.5.x

- Image Services and CMOD federation do not require IBM Content Integrator
- Content Federation Services 4.5.0 for IBM Content Integrator
 - Content Federation Services 4.5.0.001 (Interim Fix) requires ICI 8.5.0 HF0001
 - Content Federation Services 4.5.0-001 (fix pack) requires ICI 8.5.0 HF0002
 - Content Federation Services 4.5.0-001 and higher provides support for federation from FileNet P8 Content Engine object store content for versions FileNet P8 4.0.1 and FileNet P8 4.5.0.
- Content Federation Services 4.5.1 for IBM Content Integrator
 - Content Federation Services 4.5.1 for IBM Content Integrator requires of IBM Content Integrator 8.5.1 and ICI_8510_HF0001 hot fix. Download ICI_8510_HF0001 from:
<http://www-01.ibm.com/support/docview.wss?uid=swg24023838>
 - Content Federation Services 4.5.1 for IBM Content Integrator provides support for federation from FileNet P8 Content Engine object store content for versions FileNet P8 4.0.1, FileNet P8 4.5.0, and FileNet P8 4.5.1.
- Content Federation Services for IBM Content Integrator and IBM FileNet Records Manager or IBM InfoSphere Enterprise Records 4.5.1
 - Content Federation Services 4.5.1 for IBM Content Integrator adds support for records management features for federated documents when federating from FileNet P8 4.0.1, FileNet P8 4.5.0 and FileNet P8 4.5.1.
 - The minimum requirement is ICI 8.5.1 and ICI_8510_HF0001 when using Content Federation Services for IBM Content Integrator to federate documents from another FileNet P8 repository and the federated documents will be used with FileNet P8 Records Manager or IBM InfoSphere Enterprise Records.

FileNet P8 Source Repository Object Stores

- FileNet P8 4.0.1
- The minimum requirement for any FileNet P8 4.0.1 source repository is P8CE-4.0.1-010 if using WebSphere as your Content Engine and Content Federation Services application server.
- FileNet P8 4.5.0
- FileNet P8 4.5.1
- FileNet P8 Content Engine 4.5.0 is not supported as a source repository if federated documents will be declared as records in the destination repository.

There is a known bug in the WebSphere Application Client that will cause record declaration to fail when declaring a document that has been federated from a FileNet P8 repository that is deployed on WebSphere v7.0.0.3 or v7.0.0.5. The bug pertains to the WebSphere Application Client component.

A patch for this bug can be obtained from IBM Support and must be applied to the system on which the IBM Content Integrator FileNet P8 Connector is hosted. The IBM designation for the v7.0.0.3 patch is iFix PK89634; however the patch for v7.0.0.5 has no official designation as of this writing. For more information, [contact customer support](#).

Content Services

- CS 5.4 and CS 5.5
- IDM Web Services 4.0.2-FP3 or later

IBM Content Manager 8

- CM8 8.4.1 Multiplatform
- CM8 8.4.2 Multiplatform
- CM8 8.4.1 z/OS
- CM8 8.4.2 z/OS
- Workplace WPXT-1.1.3.0 and higher is required for viewing CM8 ModCA documents
- Displaying federated CM8 ModCA documents with background images using Workplace WPXT-1.1.3.x and WPXT-1.1.4.0 or 1.1.4.1-WPXT-FP001 is not supported on WebLogic or JBoss. This is supported as of 1.1.4.2-WPXT-FP002.

Livelihood

- Livelihood 9.6
- Livelihood 9.7
- Livelihood 9.7.1

NOTE If you have a hard requirement for Livelihood 9.5, [contact customer support](#).

Documentum

- Documentum 5.3 SP4 is supported with Content Federation Services 4.5.0 only
- Documentum 6.0
- Documentum 6.1
- Documentum 6.5

Source repository support directly with Content Engine 4.5.x

CFS-CMOD integration

- CMOD federation does not require IBM Content Integrator
- CFS-CMOD supports CM OnDemand for Multiplatforms V8.4.1 or higher, CM OnDemand for z/OS V8.4.1 or higher, and CM OnDemand for i V7.1 or higher.
- Content Federation Services 4.5.1 support for CM OnDemand 8.4.1 on z/OS requires OnDemand APAR PK86757 and ODWEK 8.4.1.1 or higher.

- Workplace XT 1.1.3.0 or higher is required for viewing all CMOD documents (including AFP and LineData documents).

NOTE

Although Workplace XT 1.1.3.x and higher supports 64-bit servers, the CMOD product is not supported for 64-bit servers.

CFS-IS integration

- Image Services federation does not require IBM Content Integrator.
- CFS-IS 4.5.0 has a minimum requirement of Image Services 4.1.1 or Image Services 4.1.2 FP1.
- CFS-IS 4.5.1 has a minimum requirement of Image Services 4.1.1 FP6 or Image Services 4.1.2 FP2.

IBM ECM Widgets

- ECM Widgets 4.5.0
 - Supports and includes IBM Mashup Center v1.0. Customers must separately download and install IBM Mashup Center fix pack v1.0.0.1 to be fully supported for ECM Widgets 4.5.0.
 - Requires Process Engine 4.5.0, Content Engine 4.5.0, and Workplace XT 1.1.3.x.
 - ECM Widgets 4.5.1
 - Supports and includes Business Space 6.2.0.1.
 - Does not support IBM Mashup Center.
 - Has a minimum requirement of Process Engine 4.5.1, Content Engine 4.5.1, and Workplace XT 1.1.4.
 - Supports eForms 4.0.2.3 and higher only.
- ECM Widgets 4.5.2
 - Supports and includes Business Space 7.0.
 - Does not support IBM Mashup Center.
 - Has a minimum requirement of Process Engine 4.5.1.0+IF002, Content Engine 4.5.1, and Workplace XT 1.1.4.
 - Supports ECM CM8 servers with WEBi 1.0.4 (requires a minimum of Information Integrator for Content (II4C) 8.4.2) and higher
 - Supports eForms 4.0.2.6 and higher only.
 - Supports IBM InfoSphere Enterprise Records 4.5.1 and higher only
- ECM Widgets 4.5.2.1 and 4.5.2.2
 - Supports Business Space 7.0.0.2, 7.0.0.3 and 7.0.0.4.
 - Supports IBM Mashup Center 2.0.0.2.
 - Has a minimum requirement of Process Engine 4.5.1.0+IF002, Content Engine 4.5.1, and Workplace XT 1.1.4.2.
 - Supports ECM CM8 servers with WEBi 1.0.4.1 (requires a minimum of Information Integrator for Content (II4C) 8.4.2) and higher.
 - Supports eForms 4.0.2.6 and higher only.
 - Supports IBM InfoSphere Enterprise Records 4.5.1 and higher only.

Records Manager and IBM InfoSphere Enterprise Records

IBM InfoSphere Enterprise Records is the new name for IBM FileNet Records Manager; you might see both names throughout the documentation as we transition to the new name.

Records Manager 4.0.0 supports the FileNet P8 4.5.1 platform and later in an upgraded environment. RM 4.0.0 must be installed and configured before upgrading the FileNet P8 platform to FileNet P8 4.5.1. New installations of RM 4.0.0 are not supported on a FileNet P8 4.5.1 platform.

Records Manager 4.5.0 supports the FileNet P8 4.5.1 platform and later in an upgraded environment. RM 4.5.0 must be installed and configured before upgrading the FileNet P8 platform to FileNet P8 4.5.1. New installations of RM 4.5.0 are not supported on a FileNet P8 4.5.1 platform.

IBM InfoSphere Enterprise Records 4.5.1 supports new installations to a FileNet P8 4.5.1 platform.

Records Manager/InfoSphere Enterprise Records and Crystal Reports

IBM FileNet Records Manager (RM) and IBM InfoSphere Enterprise Records use Crystal Reports and Crystal Reports Server to support their reporting capability. The following table details the supported versions of Crystal Reports. Support is indicated by a check mark. A blank cell indicates non support.

For information on integrating Crystal Reports XI with RM 4.0 or 4.5, see the applicable installation and upgrade guide at: <http://www-01.ibm.com/support/docview.wss?rs=3286&context=SSNVVQ&uid=swg27010387>.

For information on integrating Crystal Reports 2008 with RM 4.5.0, download the documentation included in the RM-4.5.0-003 Fix Pack.

For information on integrating Crystal Reports 2008 with RM 4.0, download the documentation included in the RM-4.0.0-007 Fix Pack.

RM/IER Versions	Crystal Reports (Designer)			Crystal Reports Server		
	XI R1 SP 2 + hotfix packs 1 & 2	2008	2008 V1	XI R1 SP 2 + hotfix packs 1 & 2	2008	2008 V1 + SP 2 or SP3
RM 4.0.0	✓	✓ Minimum: RM-4.0.0-007		✓	✓ Minimum: RM-4.0.0-007	
RM 4.5.0	✓	✓ Minimum: RM-4.5.0-003		✓	✓ Minimum: RM-4.5.0-003	
IER 4.5.1		✓	✓		✓	✓

NOTES

- Crystal Reports XI R2 and Crystal Reports Server XI R2 are not supported by Records Manager, Infosphere Enterprise Records or or Enterprise Records.
- Records Manager, InfoSphere Enterprise Records, or Enterprise Records only support Crystal Reports Server installed on the Windows operating system

IBM FileNet Connector for Microsoft SharePoint Web Parts and Workplace XT and Application Engine

- The IBM FileNet Connector for Microsoft SharePoint Web Parts 2.1.x requires Workplace XT 1.1.1.0.
- The IBM FileNet Connector for Microsoft SharePoint Web Parts 2.2.x requires a minimum of Workplace XT 1.1.2.0.

- The IBM FileNet Connector for Microsoft SharePoint Web Parts 2.2.x workflow functionality requires a minimum of P8AE-4.0.1-003 or Workplace XT 1.1.2.0.
- The IBM FileNet Connector for Microsoft SharePoint Web Parts 2.2.x inbox for eForms workflows using a Firefox browser requires a minimum of P8AE-4.0.1-004 or Workplace XT 1.1.3.0.

IBM FileNet Deployment Manager

- IBM FileNet Deployment Manager 4.5.0 will convert data exported from either a FileNet P8 4.0.x or a FileNet P8 4.5.0 object store for import into a FileNet P8 4.5.0 domain.
- IBM FileNet Deployment Manager 4.5.1 will convert data exported from a FileNet P8 4.5.1 object store for import into a FileNet P8 4.5.1 domain.
- Neither IBM FileNet Deployment Manager 4.5.0 nor IBM FileNet Deployment Manager 4.5.1 will support the conversion of data from FileNet P8 3.5.x systems or lower.

IBM FileNet eForms

- IBM FileNet eForms 4.0.2 iSign(ink) feature adds support for specific vendor device software
 - Interlink ePad signature software driver version 6.22
 - Topaz gem series signature software driver version 3.61
 - Signotec Sigma sign pad
- The generic WinTab API is no longer supported
- Only supported on Internet Explorer
- Tablet PC signing must be done using an external hardware device

IBM FileNet Services for Lotus Quickr

FileNet Services for Lotus Quickr 1.1 supports FileNet P8 4.5 platform.

FileNet Services for Lotus Quickr 1.0 supports FileNet P8 4.5 platform and the following minimum version of the FileNet P8 4.0.x Platform:

- P8CE-4.0.1-005
- Application Engine 4.0.1
- Workplace XT 1.1.2.0
- P8CSE-4.0.1-002
- Process Engine 4.0.2 (Optional)

IBM FileNet Support for Lotus Forms/IBM Forms

Lotus Forms can be located and deployed on the same physical server as Workplace or Workplace XT, or on a standalone server. Support is indicated by a check mark. A blank cell indicates non support.

	WPXT 1.1.2.x	WPXT 1.1.3.x	WPXT 1.1.4.x	WPXT 1.1.5.x	AE 4.0.1.x Minimum Version FP2	AE 4.0.2.x Minimum Version base
Lotus Forms 3.0.1					✓	
Lotus Forms 3.5.0	✓	✓			✓	✓
Lotus Forms 3.5.1			✓			
IBM Forms 4.0.0/4.0.0.1			✓	✓		✓

FileNet P8 components collocation

Assuming a system is adequately sized, and unless stated otherwise by either IBM or a third-party vendor, IBM does not require that FileNet P8 run in isolation of other FileNet P8 or third-party components. From an IBM perspective, exceptions to the aforementioned policy are listed below. For third-party components, the appropriate vendors' support documentation should be reviewed to assure functionality and support.

Unless otherwise stated, the term collocation refers to the same server instance. Partitioned or virtualized servers are considered stand-alone server instances.

Application server collocation support

Deployments requiring multiple instances of a Java EE application server must be deployed using the same version and release of that particular application server. The only exceptions to this rule are:

- When a portal server is deployed, the portal servers must be from the same software vendor and use the same major version as the Application Engine and Content Engine application server, but can be different minor releases. This is true for all FileNet P8 components and across single- and multi-server deployments.
- When ECM Widgets 4.5.0 is deployed, the application servers must be from the same software vendor and use the same major version as the Application Engine and Content Engine application server, but can be different minor releases. This is true for all FileNet P8 components and across single- and multi-server deployments.

Business Process Framework

- The Business Process Framework server must be collocated with Application Engine. The Business Process Framework server must be installed on the same server that your Application Engine is installed and must be deployed in the same application server instance that your Workplace application is deployed; That is, both components share the same JVM. For example, when running in WebSphere, this means deploying into the same profile.
- If Application Engine is used, the Business Process Framework, eForms server and FileNet Records Manager all can share the same JVM with AE. If eForms integration is configured for BPF, then eForms must share the same JVM as BPF and AE. BPF has no integration with RM.
- The Business Process Framework server does not support Workplace XT.

Content Engine

- All host machines within a single P8 domain must be either Windows-based or UNIX-based. FileNet P8 domains consisting of a mix of UNIX-based platforms and Windows-based platforms are not supported.
- Connections to remote file stores must use NFS for UNIX and CIFS for Windows.
- Content Engine should be deployed in its own application server instance (that is, deployed into a single JVM). For example, if you are running WebSphere, this means you deploy into the application server running within a profile. No other Java EE applications (including Application Engine) may be deployed within this instance. Other Java EE applications may be deployed in their own, separate application server instance if the server is sized appropriately.
- The application server clustering technology may be used to create multiple server instances of Content Engine providing a highly available and scalable solution. Application server clustering technology allows multiple JVMs to run as a single application, which may be spread across multiple physical servers.
- If WebSphere Network Deployment (WAS ND) edition is used as the clustering technology, then other non-FileNet P8 applications can be deployed in the same ND deployment. However, if a non-FileNet P8 application requires an LDAP configuration that is different from the one needed by FileNet P8, then that non-FileNet P8 application cannot be in the same WAS ND installation as FileNet P8.

Content Search Engine

- You cannot collocate the two Verity installations (Verity Admin Master and the Verity Admin Server) on the same server.
- Searching and index creation are resource-intensive operations. As a best practice, do not collocate Autonomy K2 software (Content Search Engine) with other IBM FileNet P8 components.

Process Engine

- Process Engine cannot be collocated with Image Manager (Production Image Services).

Application Engine and Workplace XT

- Each instance of Application Engine or Workplace XT must have its own application server instance. (For example, when running in WebSphere this means deploying into a separate profile.)
- Collocation of Workplace XT with Application Engine is supported.
- Workplace XT and Application Engine do not share any configuration files, site preferences, or user preferences.
- Application Integration and File Tracker will function properly only when used in conjunction with the application from which they were installed; either Workplace XT or Application Engine. Workplace XT's version of the tools is mutually exclusive of Application Engine's version of the tools, therefore both tools must be installed from the same application, and must be used only in conjunction with that application.
- Application Integration BCS cannot be co-located with FileNet Enterprise Manager.
- Collocation of Application Integration BCS with Application Integration for Microsoft Office is not supported.

FileNet Integration for Microsoft Office

- FileNet Integration for Microsoft Office cannot be co-located with FileNet Enterprise Manager.
- Collocation of FileNet Integration for Microsoft Office with Application Integration for Microsoft Office is not supported.

eForms

- The eForms server must be collocated with Application Engine in the same application server instance; that is, both components share the same JVM. For example, when running in WebSphere, this means deploying into the same profile.
- eForms works with Application Engine or Workplace XT and if Application Engine and Workplace XT are collocated, eForms must be installed on both applications.

IBM ECM Widgets

- IBM ECM Widgets (ECM Widgets) 4.5.0 has a minimum requirement of IBM Mashup Center v1.0.0.1 with WebSphere 6.1.0.13. Therefore, ECM Widgets cannot be collocated with Content Engine, which has a minimum requirement of WebSphere 6.1.0.17.
- ECM Widgets 4.5.1 and older can be used only in a FileNet P8 environment.
- ECM Widgets 4.5.2 supports both FileNet P8 and ECM CM8 environments. For more information, see the respective platform guide for specific requirements.

IBM FileNet Services for Lotus Quickr

- FileNet Services for Lotus Quickr can be located and deployed either on the same physical server as Workplace or Workplace XT, or on a standalone server.
- FileNet Services for Lotus Quickr can be run in the same application server instance as Content Engine, but this is recommended only for non-production environments.

IBM FileNet integration with Microsoft SharePoint

- Installing IBM FileNet Connector for SharePoint Document Libraries on the same server as Content Engine, Process Engine, or Application Engine is not supported.
- If co-locating SharePoint Document Libraries 2.2.0.x with SharePoint Web Parts 2.2.1.x on the same server, you must install the SharePoint Document Libraries 2.2.0.0 and fix packs, test fixes, or interim fixes before installing or upgrading SharePoint Web Parts 2.2.1.x.

IBM FileNet Records Manager / IBM InfoSphere Enterprise Records

- The Records Manager / InfoSphere Enterprise Records web application must run in the same application server instance as Application Engine or Workplace XT; that is, both the Records Manager / InfoSphere Enterprise Records web application and Application Engine or Workplace XT must share the same JVM. (For example, when running in WebSphere, this means deploying into the same profile.).
- The Records Manager / InfoSphere Enterprise Records web application may be used with either Application Engine or Workplace XT, but not both in the same Records Manager instance.
- The Records Manager / InfoSphere Enterprise Records web application may be run in the same JVM as BPF, eForms or Widgets. However, for performance reasons, it is recommended that other P8 AddOns be run in a separate JVM whenever possible.

- Other Records Manager / InfoSphere Enterprise Records components (Disposition and Hold Sweep, File Plan Import/Export tool and Transfer tool) may be installed on separate servers from each other, and from the Records Manager web application. It is recommended, for performance reasons, that the Disposition Sweep, Hold Sweep and File Plan Import/Export tools be installed on the Content Engine server.

Database collocation support

DB2

Content Engine, Process Engine, Image Services, and Content Federation Services can share the same database instance. Content Engine, Process Engine, and Image Services each require a separate database and each Content Engine object store requires a separate database.

Microsoft SQL Server

Content Engine, Process Engine, Image Services, and Content Federation Services can share the same database instance. Content Engine, Process Engine, and Image Services each require a separate database and each Content Engine object store requires a separate database.

Oracle

Content Engine, Process Engine, Image Services, and Content Federation Services can share the same database and instance. Content Engine, Process Engine, and Image Services each require a separate schema with their own distinct tablespaces.

Single sign-on

When using an SSO solution, the policy server and the reverse proxy server must reside on separate servers, neither of which may host any other FileNet P8 software.

Staged upgrades

If you are upgrading from IBM FileNet P8 Platform version 4.0.x or version 4.5.0 components, including supported Other products, you can choose to upgrade the components over an extended period of time. This means that you can upgrade one component and still have a working configuration without upgrading all components during the same upgrade session. For more information, see “Upgrade Overview” in *Plan and Prepare Your Environment for IBM FileNet P8*. To download this document, see [Access IBM FileNet documentation, compatibility matrices, and fix packs](#).

Server virtualization technologies

Support statement

Refer to http://www-01.ibm.com/software/support/virtualization_policy.html for IBM Software Virtualization Policy.

Additionally, FileNet P8 in general can be deployed in a virtualized environment based on hardware hypervisor technology, since such Virtualization technology is designed to be transparent to the software that they host, and does not require special effort from the software vendors for their use. The availability of Licensing, Technical, and Performance support is limited to technologies outlined in the above Virtualization Policy. Testing in the IBM labs has found the software transparency claim by hypervisor based virtualization technology to be largely true; systems deployed in a virtualized environment might have issues related to performance and communication 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. Because of this increase, system workload capacity might be reduced, and transaction response times might increase.

To that end, assuming that the virtualized machine is configured per FileNet P8 requirements, IBM supports deployments of all FileNet P8 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 and disk controllers.

In the event that IBM determines that 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 third-party software is supported to run in the given virtualized environment such as application servers, databases, storage and operating systems by the original vendor of that software.

Virtualization and IBM Tivoli Storage Manager

- Refer to the following technical notice for information on the IBM Tivoli Storage Manager virtualization restrictions:
http://www-01.ibm.com/support/docview.wss?rs=663&context=SSGSG7&uid=swg21239546&loc=en_US&cs=utf-8&lang=en
- Refer to the following for IBM Tivoli Storage Manager Support:
<http://www-01.ibm.com/support/docview.wss?uid=swg21243309>

Other virtualization restrictions

CSE 4.5.1 is not supported with Oracle VM Server for SPARC (previously call Sun Logical Domains, LDOM).

Support for operating system-based virtualization technologies

Support is indicated by a check mark. A blank cell indicates non support

		Virtualization technology	
		AIX WPARS (non shared)	Solaris Zones
Content Manager	AE 4.0.2.x	✓	✓
	CE 4.5.x	✓	✓
	WPXT 1.1.3.x WPXT 1.1.4.x	✓ Minimum: WPXT 1.1.4	✓
	CSE 4.5.x	✓	
	CFS 4.5.x	✓ Minimum: 4.5.1 See Notes	
	RE 4.5.x		
	System Dashboard for ECM 4.5.x	✓	✓
	FNQS 1.x		
Business Process Manager	PE 4.5.x	✓ Minimum: 4.5.1	✓ Local & Global
	PA 4.5.x		
	PS 4.5.x		
	BAM 4.5.0	See Notes	See Notes
	BPF 4.1.0		
	CN 4.5.2-001 CN 4.6	See Notes	See Notes
	WDGT 4.5.x		
Other products	eForms 4.0.2	✓	✓
	RM 4.5.0	Supported in IER 4.5.1	✓
	IER 4.5.1	✓	✓
	SP 2.2		

NOTES

- BAM 4.5.0 is the terminal release of this product. FileNet P8 4.5.1 provides direct IBM Cognos Now! integration. For hardware and software requirements of the IBM Cognos Now! Suite, see: http://www-01.ibm.com/software/data/cognos/products/now/support/?S_CMP=rnav.
- To install ICI 8.5.1 on a dedicated WPAR for CFS 4.5.1 you need to run the installer with the following command to bypass the temp space check:
 -W CheckTempFolderSpaceWizardActionBean.active=false -W
 TempSpaceNotAvailableDialogBean.active=false

Minimum hardware requirements

The following table identifies the recommended minimum disk space and memory requirements. Disk space requirements are for FileNet P8 software applications only. Additional space might be required for data and related independent software vendor applications. Memory requirements are highly dependent upon actual transaction workloads and user activity. Recommendations are estimates for entry-level deployments.

Note: Memory requirements for a specific add-on are the minimum for the add-on and the parent application installed in the same JVM. It is not intended to be added to the parent application requirements. For example, the minimum memory for BPF is listed as 1GB per JVM, and the minimum memory for AE is also listed as 1GB per JVM. If installing BPF in the same JVM as AE, the minimum requirement is 1GB, not 2GB.

Component	Disk space (MB)	Temp space (MB)	Memory
Application Engine	1.5 GB	300	1 GB per JVM
Business Activity Monitor Client	N/A		512 MB
Business Activity Monitor Server	250		2 GB
Business Process Framework and Documentation	650	250	1 GB per JVM (See Notes)
Business Process Framework Explorer	10	10	100 MB
Content Federation Services	320		2 GB
Content Federation Services documentation			
IBM Cognos Now! 4.5	See Notes	See Notes	See Notes
Configuration Manager	35		60 MB
Content Engine	2 GB	2 GB	2 GB per JVM
Content Search Engine See Notes	7 GB	300	2 GB
Content Search Engine locales	6 GB	5 GB	N/A
Deployment Manager	40		
eForms	250		2 GB per JVM
FileNet Services For Lotus Quickr	500		1 GB per JVM See note
ICI 8.5	512		500 MB
Image Services	1 GB		256 MB per CPU
FileNet Integration for Microsoft Office	30		30 MB
FileNet P8 documentation	100		512 MB
Process Engine	10 GB	510	2 GB
Process Analyzer	200		2 GB
Process Analyzer, client	5		128 MB
Process Simulator	200		2 GB
Records Manager/InfoSphere Enterprise Records	367		1 GB per JVM
Records Manager & InfoSphere Enterprise Records documentation	18		
Rendition Engine	9.75 GB	2 GB	1 GB
SharePoint Document Libraries (remote installation/ not co-located with SharePoint)	500		2 GB

Component	Disk space (MB)	Temp space (MB)	Memory
SharePoint Document Libraries IBM FileNet Connector for SharePoint Web Parts (co-located with SharePoint IIS service)	See the SharePoint system requirements		See the SharePoint system requirements
System Dashboard for ECM	11	20	1 GB
Upgrader Tool	25		2 GB
ECM Widgets 4.5.x	300		2 GB
Workplace XT	1.75 GB	350	1 GB per JVM

NOTES

Content Search Engine

The required space for the index collections will vary depending on the amount of content being indexed.

BAM 4.5.0

BAM 4.5.0 is the terminal release of this product. FileNet P8 4.5.1 provides direct IBM Cognos Now! integration. For hardware and software requirements of the IBM Cognos Now! Suite, see: http://www-01.ibm.com/software/data/cognos/products/now/support/?S_CMP=rnav.

Business Process Framework

The 1GB memory requirement is the combined memory requirement for an average BPF deployment together with AE (and eForms if eForms integration is configured for BPF). For BPF deployment with large BPF metadata size, refer to the BPF Performance Tuning Guide for how to add additional memory for the metadata cache and to fine tune performance.

FileNet Services for Lotus Quickr

If FileNet Services for Lotus Quickr shares a JVM with any other application, the memory requirement is the minimum for that application plus 512 MB.

Revision table

Date	Edition#	Description
March 2014		<p>Updated WebDav 1.1.4 support matrix</p> <p>Updated the JRE support table</p> <p>Removed references to FNRE 4.5.1.1 as the fix pack was never released</p> <p>Updated SSS limitation and eDirectory partial replicas</p> <p>Updated Client Java Runtime table to include JRE 1.6.0_38 and JRE 1.7.0.11</p> <p>Updated database table to indicate CFS-ICI does not support Oracle RAC</p> <p>Added note about issue installing 32-bit Oracle to Program Files directory on Windows 64-bit operating systems</p>
February 2013	32	<p>Removed Oracle Exadata limitation</p>
June 2012	31	<p>Application Servers</p> <p>Added link to flash for possible WebSphere security issue.</p> <p>Operating Systems</p> <p>Added "SPx" to Windows Support Columns</p> <p>Database</p> <p>Added support for Oracle 11G R2 RAC with BPF</p>
April 2012	30	<p>Application Servers</p> <p>Operating Systems</p> <p>Removed operating system info for JBoss 5.1 AS as this release is not supported by P8 4.5.x</p> <p>Updated Websphere v6 support for Windows 2008 R2</p> <p>Added notes to check operating system support for JBoss EAP on Redhat site for Certified and Compatible.</p> <p>Corrected error in WL 10.0 and 10.3.0 support of Windows 2008 R2 operating system</p> <p>Removed limitation on Redhat Enterprise Linux v6 for eForms</p> <p>Updated for ECM Widgets v4.5.2.2</p> <p>Moved Remote Access table to bullets under Microsoft Windows sub topic</p> <p>Updated Websphere and RHEL6 x8/zlinux support</p> <p>Database</p> <p>Updated eForms database support to include DB2 v9 FPx for z/OS</p> <p>LDAP</p> <p>Updated JBoss SSO support</p> <p>Browsers</p> <p>Added IE9 support for IER, WPXT, and AE</p> <p>Added Firefox 5, 6 and 10 support for WPXT</p> <p>Add Firefox 3.6 support with ECM Widgets 4.5.2.2</p> <p>Clarified support is for 32 bit versions of browsers only</p> <p>Client JRE</p> <p>Added links to tech notes with more details about JRE 1.6.0_17 and 1.6.0_25 support</p> <p>Clarified all support is for 32 bit versions only for Client JRE</p> <p>Added support for JRE 1.6.0_30 and 1.7.0_2 for WPXT and PE</p> <p>Storage</p> <p>Clarified onTap supported versions</p> <p>Updated Centera SDK support</p> <p>Removed all references to CentraStar 2.0</p> <p>Misc</p> <p>Updated notes for Crystal Reports and Records Manager/Infosphere Enterprise Records</p> <p>Updated Application Deployment notes for ECM Widgets 4.5.2.2</p> <p>Alphabetized Legend and added missing terms</p> <p>Added support for IBM Business Monitor 7.5.1</p>

IBM FileNet P8 4.5.x Hardware and Software Requirements
Revision table

Date	Edition#	Description
Oct 2011	29	<p>Update the Client JRE table & Client Browser to indicate that only 32bit versions are supported</p> <p>Added Spnego based authentication updates for BPF / P8</p> <p>Updated required packages for Linux.</p> <p>Updated the Lotus Forms section for WPXT 1.1.5</p> <p>Updated the support statement for Oracle RAC and PE</p> <p>Updated WebDAV xt 1.1.5 supports office 2010 32bits version</p> <p>Added DB2 JDBC Driver update to clarify JDBC 3.0 series</p> <p>Added IE 9 support for eforms 4.0.2</p> <p>Added FF 4.0 support for eforms 4.0.2</p> <p>Updated TSM information and support.</p> <p>Updated Client Application Table for WPXT 1.1.5 support</p> <p>Updated Client Browser Table for WPXT 1.1.5 support</p> <p>Updated Client OS Table and USGCB table for WPXT 1.1.5 support</p> <p>Updated the App Server table, CE section with WPXT 1.1.5 support</p> <p>Added a tech note link in the SSO notes section.</p> <p>Added WPXT 1.1.5 and JAWS 12 support</p> <p>Added a note in the Application Server notes section for required patches on Websphere 6.1 and 7.0</p> <p>Updated eForms support statement.</p> <p>Updated ECM Widget support for Business Forms 7.0.0.3 and 7.0.0.4</p>
May 2011	28	<p>Renamed Expansion Products to Other Products</p> <p>Updated Linux on System z statements to be generic System z 64 bit. Removed 1.09 and 1.10 notations</p> <p>Added Link to IBM Production Imaging Edition documentation in the Associated Documentation section</p> <p>Added note about eForms fix packs on Windows 2008 64 bit operating systems</p> <p>Removed 32 bit only limitation for Java EE (Application) Servers for eForms. And IER on WebLogic and JBoss</p> <p>Removed 64 bit only limitation for WebLogic, Oracle RDBMS 11g and 11gR2 and BPF</p> <p>Updated WebLogic support of various Operating Systems</p> <p>Limited WPXT with WebLogic on AIX limitation to only the 10.3x and higher releases of WebLogic</p> <p>Clarified non support of Oracle Exadata</p> <p>Added minimum support requirements for PE with remote DB2 v9.1 on z/OS</p> <p>Added a note that Tivoli Directory Server on z/OS is not supported</p> <p>Added support for WAS 7 and Siteminder SSO</p> <p>Clarified IFP support for WAS 7.0 using Oracle Database</p> <p>Updated note regarding DB2 9. and APAR IC71365.</p> <p>Added limitation for applet use with Firefox 3.6.14</p> <p>Updated eForms support for Firefox and Safari on Macintosh</p> <p>Added eForms support for OSX 10 Macintosh</p> <p>Added support for FileNet Image Viewer on Windows Home Premium operating system</p> <p>Added Windows 7 USGCB support for Eforms</p> <p>Added statement "File storage areas on encrypted NTFS devices are not supported"</p> <p>Updated TSM client minimum for Tivoli Storage Manager on Windows 2008 R2 Server</p> <p>Remove a restriction regarding WPXT's use in ECM Widgets environment.</p> <p>Clarified IBM Content Integrator requirements</p> <p>Added support for BPF for: Oracle11gR2, WebLogic10.3.2 and AD2008R2 on P8 4.5.1</p> <p>Added BPM support for Office 2010 for PA, and Websphere Business Monitor 7</p> <p>Added Support for TSM 5 and Windows 2008 R2</p> <p>Added Sp3 to Crystal Report server 2008 V1 support for IER</p>
December 2010	27	<p>Added support for Microsoft Office 2010 32-bit</p> <p>Added support for JBoss 5.1 Open Source for eForms 4.0.2</p> <p>Updated Virtualization Support statement to use SWG's statement</p> <p>Added support for Centera SDK 3.2 SP5 (3.2.705) for CE 4.5.1.5</p> <p>For Client requirements - The Federal Desktop Core Configuration (FDCC), Microsoft Windows 7 SPx for eForms Designer 5.0.3, eForms 4.0.2 and SPC Web Parts 2.2.x, replace check mark with tbd</p> <p>Updated minimum RM version support for Crystal Reports 2008 (From RM-4.5.0-002 to RM-4.5.0-003, and From RM-4.0.0-004 to RM-4.0.0-007)</p>

IBM FileNet P8 4.5.x Hardware and Software Requirements
Revision table

Date	Edition#	Description
November 2010	26	<p>Updated support for WebLogic 11g and 11g R1</p> <p>Added Snaplock 7.3.x support for CE 4.5.1</p> <p>Added support of WebLogic 10.3.2, JBoss 5.1 EAP, and Oracle 11g R2 for eForms 4.0.2</p> <p>Added support for Mozilla Firefox 3.6.x</p> <p>Added specific vendor device software support for eForms 4.0.2</p> <p>Added z/OS 1.11 support for DB2 v9 for z/OS</p> <p>Added JBoss Application Server 5.1 support for IER 4.5.1</p> <p>Clarified support for 32-bit and 64-bit WebLogic and JBoss</p> <p>Clarified support for 32-bit and 64-bit DB2, Oracle and SQL</p> <p>Clarified minimal patch must be applied for PE4.5.1 using Microsoft Cluster Server</p> <p>Clarified minimum AE patch for ISRA servlet support on JBoss</p> <p>Clarified that the Client Operating Systems section applies to the operating system that the end user client applications are running on</p> <p>Clarified that the P8 CE APIs do not explicitly support being called from scripting environment</p> <p>Clarified that Application Integration for AE and XT don't support 64-bit Microsoft Office 2010</p> <p>Clarified the required Linux packages for P8 installers on RHEL are also applied for SUSE Linux</p> <p>Clarified the minimum CE patch required for WebSphere 7.0.0.x</p> <p>Clarified the Oracle on z/OS is not currently supported</p> <p>Clarified that for all P8 components that support AIX 6.1 the Power7 architecture is also supported</p> <p>Clarified support for SQL 2008 R2 is in P8 5.0</p> <p>Emphasized IBM's support statement that the appropriate vendors' support documentation should be reviewed to assure functionality and support</p> <p>Clarified that to use Oracle 11g R2 (11.2.x) with PE 4.5.1, the 32-bit client must be installed on the PE server</p> <p>Updated table of the JDBC driver minimum versions for clarity</p> <p>Clarified RHEL 5.x support for Centera SDK 3.2.x</p> <p>Updated RHEL edition naming as per vendor</p> <p>Updated Oracle 11g R1 naming as per vendor</p> <p>Clarified that WebDAV for AE and WPXT requires Microsoft hot fix KB841215</p> <p>Clarified that ECM Widgets 4.5.1 and older can be used only in a FileNet P8 environment</p> <p>Clarified the supported version of JBoss Application Server to be 5.1.x instead of 5.0.x</p> <p>Clarified minimum FNQS version requirement to support Lotus Quickr 8.5 Services for Domino</p>
October 2010	25	<p>Added support for DB2 v9.8 Purescale feature in Enterprise Server Edition for CE/PE 4.5.1</p> <p>Added General Parallel File System (GPFS) to include content cache areas support for CE 4.5.1</p> <p>Added Crystal Reports 2008 V1 support for IER 4.5.1</p> <p>Added Oracle 11gR2 support for ECM Widgets 4.5.2.1</p> <p>Clarified WAS 32-bit and 64-bit support for ECM Widgets 4.5.2.2</p> <p>Clarified that CE 4.5.1 does not support Oracle WebLogic Application Server 11g Rel 1 (10.3.3)</p> <p>Clarified that P8 does not support GNU Compiler for the Java Programming Language (GCJ)</p> <p>Specified the Windows 7 editions support (Professional, Ultimate, and Enterprise) for P8</p> <p>Clarified when connecting to GPFS using an NFS mount, NFS4 is required</p> <p>Added note that P8 recommends DB2 v9.7 FP1 over FP2</p>
June 21, 2010	24	<p>ECM Widgets 4.5.2.1 - eGA of June 11 and FNQS 1.1 - eGA of June 15, therefore updating guide from the May 2010 edition.</p> <p>Added support requirements for FileNet P8 Installable Information Center 4.5.1</p>

IBM FileNet P8 4.5.x Hardware and Software Requirements
Revision table

Date	Edition#	Description
May 2010	23	<p>Added support for General Parallel File System</p> <p>Updated CM OnDemand support for CFS-CMOD</p> <p>Added support for Oracle 11.2.x database</p> <p>Clarified support for JBoss 5.0.1 open source, JBoss 5 EAP</p> <p>Clarified Content and Process Web Services APIs for Visual Studio 2008</p> <p>Clarified Collocation of ApplInt with BCS/FIMO is not supported</p> <p>Updated ECM Widgets 4.5.2.1 support requirements</p> <p>Altered the JavaEE and Operating System Table</p> <p>Added support of WebLogic 11g in WPXT 1.1.4.6</p> <p>Added SSO support for P8 and WL10.3.0 with SiteMinder r12</p> <p>Added WebDAV is now supported for Vista and Windows 7 for WPXT</p> <p>Added support for Oracle WebLogic Application Server v 11g (10.3.1)</p> <p>Clarified that P8eF RM 4.5 and IER 4.5.1 only support JBoss and WebLogic 32-bit application servers at this time.</p> <p>Added Firefox 3.6 support for P8eF, and WPXT</p> <p>Added requirements for BPF4.1.0-004</p> <p>Corrected Oracle 11g R2 min. version to 11.2.0.1</p> <p>Added support requirements for FileNet Services for Lotus Quickr 1.1</p> <p>Clarified BPF does not support Oracle RAC</p>
March 4, 2010	22	<p>Corrected support for Oracle WebLogic Server 11gR1</p> <p>Clarified BPF does not support 64-bit WebLogic and 64-bit JBoss</p>
March 2010	21	<p>Added ECM Widgets 4.5.2 requirements</p> <p>Removed 32-bit limitation on Quickr Services</p> <p>Updated WL10.3.1 (11g) support</p> <p>Clarified BPF collocation requirements and 64-bit support</p> <p>Clarified memory requirements for addons and parent applications</p> <p>Clarified hardware requirements for BPF</p> <p>Clarified RM/IER collocation requirements</p> <p>Added IBM FileNet Content Engine Web Upgrade Tool requirements</p> <p>Changed JBoss 5.x support to 2Q 2010</p> <p>BPF supports 32-bit WebLogic and 32-bit JBoss only</p>
February 2010	20	<p>Removed 32 bit limitation on WebSphere Application Server for P8AE. 32 and 64 bit editions of WAS are supported.</p> <p>Added RM does not support Crystal Report XI R2, and clarified RM 4.5.0.002 support of Crystal Reports 2008.</p> <p>Clarified support of Remote Desktop Connection with P8</p> <p>Added Active Directory 2008 R2 for SharePoint Web Parts</p> <p>Added support of Windows 7 Client for eForms and SharePoint Web Parts</p> <p>Added support of Windows 2008 R2 Server for eForms and SharePoint Web Parts</p> <p>Clarified GUI tools requires 32-bit libxft gtk2 libs on 64-bit RHEL</p> <p>Clarified LDAP support for FileNet Services for Lotus Quickr</p> <p>Clarified PE 451 support for WebSphere Edge Components Software Load Balancer applies to IPV4 only</p> <p>PA 4.5 currency update</p> <p>Added FIMO 1.1.5</p>

IBM FileNet P8 4.5.x Hardware and Software Requirements
Revision table

Date	Edition#	Description
January 2010	19	<p>Added text to Introduction to clarify usage of the character "x" in this document</p> <p>Added "See Notes" in Non JavaEE operating systems table for CSE on Windows to also review JDK data</p> <p>Added support statements for Windows 2008 R2, Windows 7, Active Directory 2008 R2 and LDS 2008 R2</p> <p>Added P8 support for Visual Studios 2008</p> <p>Added statement "We do not support directory security when using IIS as a proxy in front of WebSphere for AE." In the Load balancing section.</p> <p>Updated Oracle JDBC driver 11.1.0.6.0 + to 11.1.0.6.0-Production+</p> <p>Added JBoss 5.0.1 AS and JBoss 5.0 EAP support statements</p> <p>Added PE support for JDK 1.6.0_14</p> <p>Added support statements for Oracle 11g R2 database</p> <p>Added PE support for SiteMinder SSO</p> <p>Added CFS-ICI support for WPARs</p> <p>Added tech note links for workaround for CMUI running on WAS 7.0.0.7 or higher.</p> <p>Added tech note link for CMUI issues that may occur on Solaris operating system</p> <p>Added InfoSphere Content Collector for Microsoft SharePoint 2.1.1 is the replacement for FileNet Connector for SharePoint Document Libraries.</p> <p>Added additional information to correctly configure WebSeal for SSO with Workplace applets</p> <p>Added bitness support statement for WAS 6 and WAS7 in JavaEE table</p> <p>Removed CMUI from Client Operating System tables as CMUI must run w/JavaEE server</p>
December 2009	18	<p>Clarified reason for change in support announced in Nov. 2009 for 32-bit Windows CE and PE. CE 4.5.0 and 4.5.1 ARE supported with 32-bit Windows 2008. The limitation is with PE 4.5.1. The initial statement was to forestall deployments to 32-bit Windows.</p> <p>Added text to Introduction to check P8 documentation for vendor version specific info when doing a 3rd party version upgrade/update</p> <p>Added Support for JBoss 4.3 EAP</p> <p>Added target support dates for JBoss 5.0 EAP</p> <p>Added caveat that WPXT and WebLogic 10.3 does not run on AIX—limitation erroneously removed in a previous edition.</p> <p>Updated Red Hat Enterprise Linux 5.1 instructions for setinforce flag</p> <p>Added clarification for using WebSphere ND edition when installing P8CE in a cluster.</p> <p>Added PE client column to Application Server table</p> <p>Updated 32-bit Oracle database requirement on Windows 64-bit operating systems for Process Engine</p> <p>Added planning info for various LDAP versions</p> <p>Added exception to Kerberos SSO support with UPN on WebLogic for Workplace XT</p> <p>Added support for TAM 6.1 and WebSphere 7.0.x</p> <p>Added support for CEWS and WebLogic 10.3.0 for SSO Kerberos</p> <p>Updated Protected Storage for Win2008R2 and Snaplock & Centera</p> <p>Updated Protected Storage for Linux 9 on z for Snaplock</p>
November 2009	17	<p>Added IE8 support for 1.1.4.2-WPXT-FP002</p> <p>Added FireFox 3.5 support for P8</p> <p>Updated Client JRE 1.6 support</p> <p>Added Windows 2008 R2 and Windows 7 support for BPM</p> <p>Restricted SQL 2008 database support with PA and PE to release 4.5.1</p> <p>Added support for DB2 LUW 9.7 for BPF 4.1.0-003</p> <p>Added PE support for WebSphere Edge Components Software Load Balancer and updated CE statements for load balancing.</p> <p>Updated PE 4.5.1 minimum hardware requirements</p> <p>Clarified WPAR support for Non Shared system (vr.s Dedicated)</p> <p>Added WPAR support for PE 4.5.1, eForms 4.0.2.x, WPXT 1.1.4, IER & CSE 4.5.x</p> <p>Added WPXT support for Zones</p> <p>Added Simulation Console, Simulation Designer and Simulation Animator to JAWS limitation</p> <p>Updated CFS CM8 Viewer statement for 1.1.4.2-WPXT-FP002</p> <p>Added SSO support for AE, IER and BPM for SiteMinder 6/WebLogic 10.3.0</p> <p>Re-ordered Additional support statement section to be alphabetical</p>

IBM FileNet P8 4.5.x Hardware and Software Requirements
Revision table

Date	Edition#	Description
October 2009	16	<p>Removed 32-bit Support for Windows 2008 Server for PE and CE retroactive to the 4.5.0 release</p> <p>Clarified requirement for an Oracle patch for PE on AIX</p> <p>Removed erroneous support for WebLogic on zLinux operating systems</p> <p>Indicated no 64-bit Windows operating system support for BPF and BPF explorer</p> <p>Added tech note link for workaround to running CMUI in UI mode on RHEL5.2</p> <p>Added InfoSphere Enterprise Records 4.5.1 requirements</p> <p>Removed Terminal Services Console mode only restriction with P84.5.1</p> <p>Added BPM and Websphere Integration requirements to Additional Support Statement section</p> <p>Moved estimate for SiteMinder 6.5 and WL10.3 support out to 4Q2009</p> <p>Indicated WPXT WebDAV does not support TAM or SiteMinder SSO</p> <p>Removed erroneous checks indicating eForms support for FireFox on Mac or Windows Operating Systems</p>
September 2009	15	<p>Added BPF 4.1.0 FP3 requirements</p> <p>Updated DB2 9.7 support for P8 4.5.1 only</p>
August 2009	14	<p>Added P8 4.5.1 requirements.</p> <p>Removed topic Securing IIOP communications for JBoss Application Servers as deemed incorrect and covered better in the PPG.</p> <p>Removed Portlets table.</p> <p>Added caution regarding advanced database features</p> <p>Added SSO support for WPXT 1.1.4.0 FileTracker</p>
7/13/2009	13	<p>Added WPXT 1.1.4</p> <p>Removed the limitation for XT and CE running WebLogic 10.3 on AIX 6.1</p> <p>Updated target date for ISRA Servlet on zLinux</p> <p>Updated IPV6 and BAM requirement</p>
6/26/2009	12	<p>Corrected version of the SQL driver to be "Microsoft 1.2.2828.100" instead of "Microsoft 1.2.2828.1000"</p> <p>Updated SSO Qualification for SiteMinder and WebLogic Platform 10.0.x for support and added note to exclude XT and RM</p> <p>Added new Co-location section for IBM FileNet Integration with Microsoft SharePoint</p> <p>Updated section title for IBM Connector for SharePoint Web Parts and Workplace XT to include AE</p> <p>Updated Copyright notice and address for Japan</p> <p>Added 3rd digit for SharePoint to account for Mod Release</p> <p>Added Placeholders for P8 4.5.1 platforms including JBoss 5.0.1, DB2 9.7, IE8 and SUSE 11</p> <p>Added UPN and Shortname limitations to Directory Server section</p> <p>Updated RM and Crystal Reports section with new table</p> <p>Removed Standard Edition only limitation for Windows 2003 for Protected Storage</p> <p>Removed forward looking statement for PE on RHEL</p>
5/13/2009	11	<p>Revoked XT 1.1.3 limitation for WebLogic and SiteMinder SSO</p>
5/11/2009	10	<p>Removed most BPF references and added support statement for remaining</p> <p>Added JBoss 4.2.3 support</p> <p>Added File System Support Statement</p> <p>Updated requirements for CFS-CS</p> <p>Added support for Tivoli Storage Manager- DR550</p>
05/05/2009	9	<p>Changes ML for AIX 5.3 and 6.1 to TL (Technology Level)</p> <p>Added WAS security APAR link and text</p> <p>Added JBoss JDK 1.5 requirement</p> <p>Added OS-based Virtualization section with support statements by product</p> <p>Removed more Virtualization caveats</p> <p>Added Server Side Sorting requirement to LDAP section</p> <p>Updated PE AIX 5.3 requirements</p> <p>Added Load Balancing requirement for WebDAV and WAS</p> <p>Added requirement for RE and PPT rendering to HTML with Office 2007</p> <p>Added W10.3 support and OS support for P8</p> <p>Fixed DB2 version for z/OS to show as v9</p> <p>Added Limitation for XT 1.1.3 and WebLogic and SiteMinder SSO</p> <p>Removed 32-bit support for Protected Storage on zLinux as CE supports only 64-bit</p>
4/03/2009	8	<p>Removed CE and VM specific topic</p>

Date	Edition#	Description
3/12/2009	7	<p>Updated CE topic regarding Farms</p> <p>Added AE and XT Support for Lotus eForms</p> <p>Clarified support for Oracle Advanced Security Functionality</p> <p>Added Support statement for SQL 2008/Database and JDBC drivers for P8 CM</p> <p>Corrected Oracle 11g version to be Oracle 11.1.0.6.x</p> <p>Added JDK requirements for CSE</p> <p>Updated RHEL5.1 notes for installing via the UI and where to find the RHEL libraries</p> <p>Removed BAM 4.5.0 Operating System Limitations</p> <p>Added P8 repositories to support statement for CFS</p> <p>Updated Solaris, HP-UX and RHEL projected support for PE 4.5.0</p> <p>Added requirements for PE 4.5.0 on AIX 6.1 ML2 and higher</p> <p>Updated Encryption technology statement</p> <p>Added a 'No Support' statement for PE4.5.0 Farms and IPV6—updated PE IPV6 availability Date</p> <p>Added FireFox 3 support for eForms 4.0.2-001no fat</p> <p>Updated Support/plans for SSO for WL10.0 and WAS 7/TAM 6.1</p> <p>Updated Browser support Statement for SharePoint</p> <p>Added support for CFS-IS and IS 4.1.2</p> <p>Added a Planned Date for JBoss 4.2.3 and CE</p>
2/10/2009	6	<p>Added path for RE supported mime types</p> <p>Added support for TAM/WAS 6.1 SSO</p> <p>Added Securing IIOP communications for JBoss Application Servers</p>
1/29/2009	5	<p>Added Support for Tivoli Directory Server v6.2</p> <p>Changed date for IPV6 support for BPM to 1Q 09</p> <p>Added Quickr 1.0 support</p> <p>Updated PA 4.5.0 Client Application Requirements</p> <p>Added Note for PE on HP-UX for Upgrades to P8 PE 4.5.0 and clarified HP-UX version requirements</p> <p>Links to documentation and customer support updated to be more direct for FileNet Products</p>
01/14/2009	4	Added caution about Oracle 11 support for PE 4.5.0
12/12/2008	3	<p>Added note for PE and z/OS and DB2 to Database section</p> <p>Updated note for BAM JDBC table</p> <p>Added note that BAM is not supported on System z</p> <p>Added new section for load balancing</p> <p>Updated App Int BCS requirements</p> <p>Updated XT disk space requirements</p> <p>Updated Crystal Reports for RM requirements</p> <p>Updated CFS Livelink requirements</p> <p>Updated SharePoint requirements for WPXT</p> <p>Added note that 64-bit is not supported with CFS-CMOD</p> <p>Added PE Oracle database requirements for 64-bit operating systems</p> <p>Added note for PE and SQL requirements for 64-bit operating systems</p> <p>Added new column for temporary disk space requirements</p> <p>Updated references to zLinux and System z</p>
11/17/2008	2	<p>Updated document number to SC19-2727-00</p> <p>Added WebSphere 7.0.0.x information to the Single Sign On table</p>
11/14/2008	1	Initial 4.5.0 version

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