

IBM FileNet P8
5.0 and 5.1

*P8 Hardware and software
requirement*



SC19-3233-10

This edition applies to versions 5.0 and 5.1 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 edition.

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Introduction

This document details the IBM® FileNet® P8 5.x hardware and software requirements for independent software vendors. Use this guide to determine which vendor software products are compatible with the components that make up the 5.x version of the P8 product.

P8 and its component products support the specified minimum versions and later releases in the same version line (for example, fix packs or service packs) 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 RHEL 5.1, 5.2, 5.3 and higher 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 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 Administrative Console for Content Engine		ACCE
IBM FileNet Application Engine (includes Workplace)	Application Engine	AE
Application Integration Business Content Services	App Int BCS	BCS
IBM Cognos Business Intelligence		BI
IBM FileNet Business Process Framework	Business Process Framework	BPF
IBM FileNet Case Analyzer	Case Analyzer	CA or FNCA
IBM FileNet Capture	Capture	CAP
IBM FileNet Content Engine	Content Engine	CE
Content Engine Bulk Import Tool	Bulk Import Tool	CEBI
Content Engine server Content Search Services Text Extraction	Text Extraction	CECSSTE
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
Customer Installable Info Center	Info Center	CIIC
IBM Case Manager Platform Installation Tool	Case Manager Platform Installer	CMPIT
Content Management Interoperability Services		CMIS
Configuration Manager Deployment Application	Configuration Manager	CMUI
IBM FileNet Composite Platform Installation Tool	Composite Platform Installer	CPIT
IBM Cognos Real-Time Monitor		CRTM
IBM Content Search Services	Content Search Services	CSS
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
Enterprise Records Configuration Manager		ERCM
IBM FileNet Deployment Manager	FileNet Deployment Manager	FDM
IBM FileNet Integration for Microsoft Office		FIMO
IBM FileNet Case Analyzer	Case Analyzer	FNCA or CA
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
IBM Case Manager (includes Administration Client, Case Manager Builder and Case Manager Client)	Case Manager	ICM
IBM Content Collector		ICC
IBM Content Integrator		ICI
IBM Enterprise Records	Enterprise Records	IER

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Official Product name	Short Name	Abbreviation
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 Lotus Mashup Center	Lotus Mashups	LMM
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

Associated documentation

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

- IBM FileNet 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](#), and then select the Image Manager Active Edition link. The Product Documentation for the 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/v5r0m0/index.jsp>

<http://publib.boulder.ibm.com/infocenter/p8docs/v5r1m0/index.jsp>

To access information for IBM Cognos® Realtime Monitor, see:

<http://publib.boulder.ibm.com/infocenter/cogic/v1r0m0/index.jsp>.

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/>

See the following for hardware/software requirements for the IBM Content Navigator application which supports the IBM FileNet P8 Platform:

<http://www.ibm.com/support/docview.wss?uid=swg27024958>

See the following for hardware/software requirements for the IBM Content Collector application which supports the IBM FileNet P8 Platform and has replaced the Sharepoint Document Libraries Connector:

<http://www-01.ibm.com/support/docview.wss?uid=swg27024229>

Access IBM FileNet documentation

To access documentation for IBM FileNet products:

1. Navigate to the Product Documentation for FileNet P8 Platform support page:
<http://www.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.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

Application server-based clients of Content Engine that are using the EJB transport, including other FileNet components, must use the same application server brand and major version as the Content Engine, up to the level indicated with an "x" character. Refer to the Application Servers matrix for additional information on the brands and major versions supported. Clients running in a 32-bit application server environment may connect with Content Engine running on a 64-bit application server environment.

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

Java EE-based products

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

- The tables under [Application servers](#) list the application servers that are supported by 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.

Application servers

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

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.

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

Tables in this section are arranged by:

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

Content Manager

Other table links: [Case Manager](#), [Business Process Manager and other products](#)

	Content Manager					
	AE 4.0.2.x	CE 5.x	CFS - ICI 5.x	WPXT 1.1.4 & 1.1.5	FNQS 1.1	CIIC
WebSphere® Application Server 6.1.0.x <i>Editions:</i> Base Express Network Deployment <i>Minimum version:</i> 6.1.0.17 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓	✓	✓	✓	✓	✓
WebSphere Application Server 7.0.0.x <i>Editions:</i> Base Express Network Deployment <i>Minimum version:</i> 7.0.0.9 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ See Notes	✓ See Notes	✓ See Notes	✓ Min. WPXT 1.1.4.6	✓	✓
WebSphere Application Server 8.0.0.x <i>Editions:</i> Base Express Network Deployment <i>Minimum version:</i> WAS 8.0.0.3 + 8.0.0.3-WS-WAS-IFPM62855 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ Min. AE 4.0.2.13 See Notes	✓ Min. 5.1.0.0-P8CE- IF002 See Notes	✓ Minimum CFS 5.1 See Notes	✓ Minimum 1.1.5.1-WPXT-FP001 See Notes		
WebSphere Application Server 8.5.0.x <i>Editions:</i> Base Express Network Deployment <i>Minimum version:</i> N/A <i>Bit:</i> 32-Bit and 64-Bit deployments		✓ Min. 5.1.0.4-P8CE- FP004	✓ Minimum CFS 5.1.0.2 See Notes			
WebSphere Application Server 8.5.5.x <i>Editions:</i> Base Express Network Deployment <i>Minimum version:</i> N/A <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ Min. AE 4.0.2.14	✓ Min. 5.1.0.6-P8CE- FP006 See Notes		✓ Min. WPXT 1.1.5.2		

	Content Manager					
	AE 4.0.2.x	CE 5.x	CFS - ICI 5.x	WPXT 1.1.4 & 1.1.5	FNQS 1.1	CIIC
WebLogic Platform 10g (10.3.0) <i>Editions:</i> Server Premium Server Advantage Express Basic Express Premium <i>Minimum version:</i> 10.3.0 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓	✓ Server Premium & Server Advantage only See Notes	✓ Server Premium & Server Advantage only	✓ Min. WPXT 1.1.4.6 See Operating system exceptions See Notes in next section for op. sys. limitations		✓ Server Premium & Server Advantage only See Notes
Oracle WebLogic Server 11g R1 (10.3.2/10.3.3) <i>Editions:</i> Server Premium Server Advantage Express Basic Express Premium <i>Minimum version:</i> 10.3.2 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ Min. AE 4.0.2.6	✓	✓	✓ Min. WPXT 1.1.4.6 See Operating system exceptions		✓
Oracle WebLogic Server 11g R1 (10.3.4) <i>Editions:</i> Server Premium Server Advantage Express Basic Express Premium <i>Minimum version:</i> 10.3.4 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ Minimum 4.0.2.12-P8AE-FP012	✓ Minimum CE 5.1 See Notes	✓ Minimum CFS 5.1	✓ Minimum WPXT 1.1.5 See Notes in next section for operating system limitations		
Oracle WebLogic Server 11g R1 (10.3.5) <i>Editions:</i> Standard Enterprise <i>Minimum version:</i> 10.3.5 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ Minimum 4.0.2.12-P8AE-FP012	✓ Minimum 5.1.0.1-P8CE FP001	✓ Minimum 5.1.0.1-P8CFS FP001	✓ Minimum 1.1.5.1-WPXT-FP001 See Notes in next section for operating system limitations		
Oracle WebLogic Server 11g R1 (10.3.6) <i>Editions:</i> Standard Enterprise <i>Minimum version:</i> 10.3.6 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ Minimum 4.0.2.13-P8AE-FP013	✓ Minimum 5.1.0.1-P8CE FP001	✓ Minimum 5.1.0.1-P8CFS FP001	✓ Minimum 1.1.5.1-WPXT-FP001 See Notes in next section for operating system limitations		

	Content Manager					
	AE 4.0.2.x	CE 5.x	CFS - ICI 5.x	WPXT 1.1.4 & 1.1.5	FNQS 1.1	CIIC
Oracle WebLogic Server 12cR1 (12.1.1) <i>Editions:</i> Standard Enterprise <i>Minimum version:</i> N/A <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ Minimum 4.0.2.14-P8AE-FP014	✓ Minimum 5.1.0.1-P8CE-FP001	✓ Minimum 5.1.0.1-P8CFS-FP001	✓ Minimum 1.1.5.2-WPXT-FP002 See Notes in next section for operating system limitations		
JBoss Application Server 4.3 <i>Edition:</i> Enterprise Application Platform <i>Minimum version:</i> 4.3.0 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓	✓	✓	✓ Min. WPXT 1.1.4.6 See Notes		✓
JBoss Application Server 5.0.x <i>Edition:</i> Open Source Edition <i>Minimum version:</i> 5.0.1 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ Min. 4.0.2.4 P8AE-FP004	✓ See Notes	✓ See Notes	✓ Min. WPXT 1.1.4.6		✓
JBoss Application Server 5.1.x <i>Edition:</i> Enterprise Application Platform <i>Minimum version:</i> 5.1.0 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ Min. 4.0.2.6 P8AE-FP006 See Notes	✓ See Notes	✓ See Notes			✓
JBoss Application Server 5.1.x <i>Edition:</i> Open Source Edition <i>Minimum version:</i> 5.1.0 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ Minimum 4.0.2.6 P8AE-FP006 See Notes	✓ See Notes	✓ Minimum CFS 5.1			✓
JBoss Application Server 6.0 <i>Edition:</i> N/A <i>Minimum version:</i> N/A <i>Bit:</i> N/A						
JBoss Application Server 7.0 <i>Edition:</i> N/A <i>Minimum version:</i> N/A <i>Bit:</i> N/A						

Case Manager

Other table links: [Content Manager](#), [Business Process Manager and other products](#)

	Case Manager 5.0.x.x	Case Manager 5.1.x.x	Case Manager 5.1.1.x
WebSphere Application Server 7.0.0.x <i>Editions:</i> Base and Network Deployment <i>Minimum version:</i> 7.0.0.11 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ 32-bit only WebSphere base is installed by LMM version 7.0.0.11 only See Notes	✓ Minimum 7.0.0.17 See Notes	✓ Minimum 7.0.0.23 See Notes
WebSphere Application Server 8.0.0.x <i>Editions:</i> Base Express Network Deployment <i>Minimum version:</i> N/A <i>Bit:</i> 32-Bit and 64-Bit deployments			
WebSphere Application Server 8.5.0.x <i>Editions:</i> Base Express Network Deployment <i>Minimum version:</i> N/A <i>Bit:</i> 32-Bit and 64-Bit deployments			

Business Process Manager and other products

Other table links: [Content Manager](#), [Case Manager](#)

	Business Process Manager			Other products				
	BPF 4.1.0	PE Clients: PO, REST & PEWS API	WDGT 4.5.2.x & PE REST Srvcs	eForms 4.0.2	RM 4.5.0	IER 4.5.1	IER 5.1	IER 5.1.1
WebSphere® Application Server 6.1.0.x <i>Editions:</i> Base Express Network Deployment <i>Minimum version:</i> 6.1.0.17 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ Minimum BPF-4.1.0-005 See Operating system exceptions	✓		✓ See Notes	✓	✓	✓	✓
WebSphere Application Server 7.0.0.x <i>Editions:</i> Base Express Network Deployment <i>Minimum version:</i> 7.0.0.9 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ Minimum BPF-4.1.0-005 See Operating system exceptions	✓	✓ See Notes	✓ See Notes	✓ See Notes	✓ See Notes	✓ See Notes	✓ See Notes
WebSphere Application Server 8.0.0.x <i>Editions:</i> Base Express Network Deployment <i>Minimum version:</i> 8.0.0.3 + 8.0.0.3-WAS-WAS-IFPM62855 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ Minimum BPF-4.1.0-008 See Operating system exceptions	✓ Minimum 5.0.0.3-P8PE-FP003		✓ Minimum 4.0.2.13-P8eF-FP013 See Notes		✓ See Notes		✓
WebSphere Application Server 8.5.0.x <i>Editions:</i> Base Express Network Deployment <i>Minimum version:</i> N/A <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ Minimum BPF-4.1.0-010 w/WAS 8.5.0.2	✓ Minimum 5.0.0.9-P8PE-FP009	✓ Minimum WDGT-4.5.2-FP003	✓ Minimum 4.0.2.14-P8eF-FP014				
WebSphere Application Server 8.5.5.x <i>Editions:</i> Base Express Network Deployment <i>Minimum version:</i> N/A <i>Bit:</i> 32-Bit and 64-Bit deployments		✓ Minimum 5.0.0.9-P8PE-FP009 See Notes		✓ Minimum 4.0.2.15-P8eF-FP015				✓ Minimum IER 5.1.2

	Business Process Manager			Other products				
	BPF 4.1.0	PE Clients: PO, REST & PEWS API	WDGT 4.5.2.x & PE REST Srvcs	eForms 4.0.2	RM 4.5.0	IER 4.5.1	IER 5.1	IER 5.1.1
WebLogic Platform 10g (10.3.0) <i>Editions:</i> Server Premium Server Advantage Express Basic Express Premium <i>Minimum version:</i> base <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ Minimum BPF- 4.1.0-005 See Operating system exceptions	✓		✓ See Notes	✓	✓	✓	✓
Oracle WebLogic Server 11g R1 (10.3.2/10.3.3) <i>Editions:</i> Server Premium Server Advantage Express Basic Express Premium <i>Minimum version:</i> 10.3.2 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ Minimum BPF-4.1.0-005 See Operating system exceptions	✓		✓ See Notes		✓	✓	✓
Oracle WebLogic Server 11g R1 (10.3.4) <i>Editions:</i> Server Premium Server Advantage Express Basic Express Premium <i>Minimum version:</i> 10.3.4 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ Minimum BPF-4.1.0-005 See Operating system exceptions	✓		✓ See Notes			✓	✓
Oracle WebLogic Server 11g R1 (10.3.5) <i>Editions:</i> Standard Enterprise <i>Minimum version:</i> TBA <i>Bit:</i> 32-Bit and 64-Bit deployments								✓
Oracle WebLogic Server 11g R1 (10.3.6) <i>Editions:</i> Standard Enterprise <i>Minimum version:</i> 10.3.6 <i>Bit:</i> 32-Bit and 64-Bit deployments		✓ Minimum 5.0.0.4-P8PE- FP004						✓
Oracle WebLogic Server 12cR1 (12.1.1) <i>Editions:</i> Standard Enterprise <i>Minimum version:</i> TBA <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ Minimum BPF-4.1.0-009			✓ Minimum 4.0.2.14-P8eF- FP014 See Notes			✓ Minimum IER 5.1.2	

	Business Process Manager			Other products				
	BPF 4.1.0	PE Clients: PO, REST & PEWS API	WDGT 4.5.2.x & PE REST Srvcs	eForms 4.0.2	RM 4.5.0	IER 4.5.1	IER 5.1	IER 5.1.1
JBoss Application Server 4.3 <i>Edition: Enterprise Application Platform</i> <i>Minimum version: 4.3.0</i> <i>Bit: 32-Bit and 64-Bit deployments</i>	✓ Min. BPF-4.1.0-005 See Operating system exceptions	✓		✓ See Notes	✓	✓	✓	✓
JBoss Application Server 5.0.x <i>Edition: Open Source</i> <i>Minimum version: 5.0.1</i> <i>Bit: 32-Bit and 64-Bit deployments</i>		✓		✓ Min. P8eF 4.0.2-002 See Notes		✓	✓	✓
JBoss Application Server 5.1.x <i>Edition: Enterprise Application Platform</i> <i>Minimum version: 5.1.0</i> <i>Bit: 32-Bit and 64-Bit deployments</i>		✓		✓ See Notes		✓	✓	✓
JBoss Application Server 5.1.x <i>Edition: Open Source</i> <i>Minimum version: base</i> <i>Bit: 32-Bit and 64-Bit deployments</i>		✓		✓ See Notes		✓	✓	✓
JBoss Application Server 6.0 AS <i>Edition: Open Source</i> <i>Minimum version: N/A</i> <i>Bit: 32-Bit and 64-Bit deployments</i>								
JBoss Application Server 7.0 <i>Edition: Open Source</i> <i>Minimum version: N/A</i> <i>Bit: 32-Bit and 64-Bit deployments</i>								

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.

- For platform support for the Composite Platform Installation Tool (CPIT) version 5.x and the Case Manager Platform Installation Tool (CMPIT) version 5.x review the requirements in this section: [Single Server Installation Tools](#)
- Application Engine 4.0.2, eForms 4.0.2, Workplace XT 1.1.4 & 1.1.5, IBM FileNet Services for Lotus Quickr (FNQS) 1.1, Business Process Framework (BPF) 4.1.0, IBM FileNet Records Manager (RM) 4.5.0, IBM InfoSphere Enterprise Records (IER) 4.5.1 and IBM Enterprise Records (IER) 5.1 also support Content Engine version 4.5 and Process Engine version 4.5 installations. For information on independent software vendor hardware and software requirements, see the IBM FileNet P8 4.5 Hardware and Software Requirements document. To download this document, see Access IBM FileNet documentation or use this link: <http://www-01.ibm.com/support/docview.wss?uid=swg27013654&aid=5>
- FileNet P8 supports separated HTTP server functionality as supported by the application server.

IBM Enterprise Records Manager & FileNet Records Manager

The minimum WebSphere 7.0 level for IBM Enterprise Records 4.5.1, IBM Enterprise Records 5.1.x, 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.

CFS for IBM Content Integrator

- The CFS column in the previous table refers only to CFS for 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 CFS for IBM Content Integrator for additional application server requirements.

ECM Widgets

- ECM Widgets 4.5.2.x is 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.
- ECM Widgets 4.5.2.0 with WebSphere Application Server (WAS) 7.0.0.7 and IFPK96506 or higher is only supported on 32-bit WebSphere deployments.
- ECM Widgets 4.5.2.1 with WebSphere Application Server (WAS) 7.0.0.7 and IFPK96506 or higher is supported on 32- and 64-bit WebSphere deployments.
- ECM Widgets 4.5.2.2 with WebSphere Application Server (WAS) 7.0.0.11 or higher is supported on 32- and 64-bit WebSphere deployments.
- Lotus Mashups are supported for 32-bit WebSphere deployments only.

IBM FileNet Content Engine Web Upgrade Tool

- The Content Web Upgrade Tool supports all operating systems, application servers and databases as CE.
- For browser support of the Content Web Upgrade Tool refer to the section called “Browser support”

Case Manager 5.0.x.x

- You cannot pre-install WebSphere for Case Manager 5.0.x. IBM Lotus Mashup Center (LMM) installs and configures WebSphere 7.0.0.11 32-bit Base Edition. See the following link on how to configure LMM with WebSphere ND.

<http://www-10.lotus.com/ldd/mashupswiki.nsf/xpViewCategories.xsp?lookupName=Product%20Documentation>

- Lotus Mashups are for a 32-bit WebSphere deployment only.
 - Case Manager 5.0 supports Lotus Mashups 3.0 for P8 5.x.
 - Case Manager 5.0 supports Lotus Mashups 3.0.0.1 starting from ICM 5.0.0.2 (fix pack 2) for P8 5.x.
- Case Manager with Lotus Mashups 3.0 supports only federated LDAP configurations. Directory servers supported in the Case Manager Client v5.0 must be in a federated repository configuration in Lotus Mashup Center 3.0. The Federated repository is required for Mashup only. Refer the topic Configuring LDAP for Mashup Center at the following URL for details:

http://publib.boulder.ibm.com/infocenter/mashhelp/v3/index.jsp?topic=/com.ibm.help.mashups.intro.doc/mash_intro_ldap.html

Additional Notes for WebSphere

- **IMPORTANT** 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.
- **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 technote 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.
- Content Engine cannot be deployed on WebSphere 8.5.5 and JRE 1.8

- Websphere Integration Developer Feature Pack 2 requires a minimum of P8 CE 5.0 and P8 PE 5.0. If an interim fix fixpack or new release to either CE or PE is deployed, a matching update to WID7 Feature Pack 2 must be obtained.
- With the CE and PE 5.0 releases use of the WebSphere Integration Developer V7.0 Feature Pack 2 (WID7 Feature Pack 2) provides the ability to invoke a WebSphere BPM process from a Case Management task. As you apply P8 interim fixes, fix packs or new releases greater than 5.0.0 you must also deploy the matching update to WID7 Feature Pack 2 which can be found on Fix Central..
- Support for Oracle databases with WebSphere 7.0.0.15 requires WAS iFix 7.0.0.15-WS-WAS-IFPM34365.pak. Support for Oracle databases with WebSphere 7.0.0.17 requires WAS iFix 7.0.0.17-WS-WAS-IFPM34365.pak. See the technote:
<http://www-01.ibm.com/support/docview.wss?uid=swg24029891>
- Support for JDK 6.0 SR9 requires installation of WAS iFix IFPM36388.Refer to the following technote for more information:
<https://www-304.ibm.com/support/docview.wss?uid=swg21495981>
- Content Engine deployed on WebSphere 6.1 and 7.0 requires APAR PK54565.
- To support FIPS on CE and CFS when using Websphere 7.0.0.17, upgrade the Websphere JRE with iFix IZ91964 and IZ90717.
- The minimum Websphere 7.0 level for IBM Enterprise Records 4.5.1, IBM Enterprise Records 5.1.x, 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.
- WebSphere 7.0.0.13 is the minimum fix pack level required when using DB2 and WebSphere together for CE 5.x. Refer to the following APAR for details and platform information:
<http://www-01.ibm.com/support/docview.wss?uid=swg1PM10447>
- 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.
- Consult the BPF 4.1.0 Release Notes for item 803298 for information on how to install BPF 4.1.0 with the WebSphere Application Server.
- Support for WebSphere 8 may require some configuration changes dependent on your environment. Refer to the technote: <http://www-304.ibm.com/support/docview.wss?uid=swg27023814> for WebSphere 8 configuration information
 - The required iFix for WAS8 is 8.0.0.3-WS-WAS-IFPM62855. Please ensure that any future fix pack from WebSphere contains this fix before you update your application server version.
 - Review the Operating System table for WebSphere 8 compatible versions.

Additional Notes for JBoss

- JBoss Open Source editions are bound by fixes provided by the JBoss community. For more information, see <http://www.jboss.org>.
- 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.
- 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.

- 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>
```

- The ISRA Servlet shipped with Application Engine supports JBoss 4.3 and JBoss 5.x with 4.0.2.6-P8AE-FP006 and higher.
- 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.

- JBoss 5.x EAP and AS versions and Out of Memory Exception

JBoss AS 5.1 has a memory leak that can cause the Content Engine to crash. This is currently remedied by restarting the Application Server.

As of the JBoss 5.1.0 EAP release, the Out of Memory Exception has been fixed. Refer to this IBM Flash document for more information:

http://www-01.ibm.com/support/docview.wss?rs=0&context=SWN00&dc=D600&uid=swg21431260&loc=en_US&cs=utf-8&lang=

- IBM requires patch number JBPAPP-3812 for JBoss 5.0.x EAP from Red Hat. The patch is available at:

<https://support.redhat.com/jbossnetwork/restricted/softwareDetail.html?softwareId=1673>

Additional Notes for WebLogic

- P8 components support only the specified version and patch sets for the Oracle WebLogic Application Server.
- A Records Management 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 Records Management application, and then login.
- Consult the BPF 4.1.0 Release Notes for item 803298 for information on how to install BPF 4.1.0 with the WebLogic Application Server.
- 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+ introduce 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 in the P8 5.1 Information Center (<http://publib.boulder.ibm.com/infocenter/p8docs/v5r1m0/index.jsp>).

- Content Engine support for WebLogic 10.3.4 includes Active Gridlink for Oracle RAC.
- Oracle WebLogic 12c has a known issue with file upload resolved in patch 13657792, which is required for use with Workplace XT. For details on this and other known WebLogic issues, see the Oracle WebLogic 12c release notes.

Supported application server Java Virtual Machines

- 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 and Java 6, v1.6 are supported:
 - IBM
 - HP
 - Sun
 - JRockit
- The following versions of JDK/JRE Java 7 and 8 are supported with CE 5.1.x, CFS 5.1.x, WPXT 1.1.5.x and AE 4.0.2.x:
 - IBM
 - Sun

- There is a known encryption issue with Sun Java 7 running on Solaris operating systems. The Content Engine content encryption feature is not currently supported when the Content Engine is running in this configuration.
- For clients running within Java EE application servers (including stand-alone Java clients using the 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. Customer applications using the Process Engine API and running within the Application Server require a minimum JRE version of 1.5.0.

Additional Notes for WebSphere

- JDK/JRE v1.6 is supported with WebSphere 7.x.
- Content Engine cannot be deployed on WebSphere 8.5.5 and JRE 1.8
- Support for JDK 6.0 SR9 requires installation of WAS iFix IFPM36388. Refer to the following technote for additional information:
<https://www-304.ibm.com/support/docview.wss?uid=swg21495981>

Additional Notes for WebLogic

- JRockit deployments require JRockit v1.5.0_14 or higher with WebLogic 10.
- JRockit v1.6 is supported with WebLogic 10.3.
- Sun JDK/JRE deployments require Java 6 v1.6.0_xx or higher.

Additional Notes for JBoss

- JBoss does not install with a JDK, therefore you must manually install a supported JDK version (minimum 1.5.0 or 1.6.0).
- JRockit is not supported with JBoss.
- JBoss 5.1.0 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 application servers. Support is indicated by a check mark.

Not all P8 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](#).

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

Other table links: [JBoss](#)

	WebSphere 6.1.0.x	WebSphere 7.0.0.x	WebSphere 8.0.0.x	WebSphere 8.5.0.x	WebSphere 8.5.5.x ¹	WebLogic 10g (10.3.0)	WebLogic 11g R1 (10.3.2/10.3.3)	WebLogic 11g R1 (10.3.4/ 10.3.5/ 10.3.6)	WebLogic 12c 12.1.1.
IBM AIX® 5.3 TLx <i>Minimum version: TL4</i> IBM POWER-based processors <i>Bit: 64-Bit deployments only</i>	✓	✓				✓ Minimum TL7 See Notes	✓ Minimum TL8 See Notes	✓ Minimum TL8	

¹ WebSphere 8.5.5.9 introduced support for Java 1.8. However, Content Engine only supports WebSphere 8.5.5 running Java 1.6 and Java 1.7

IBM FileNet P8 5.0 & 5.1 Hardware and Software Requirements
Server requirements — Java EE-based products

	WebSphere 6.1.0.x	WebSphere 7.0.0.x	WebSphere 8.0.0.x	WebSphere 8.5.0.x	WebSphere 8.5.5.x ¹	WebLogic 10g (10.3.0)	WebLogic 11g R1 (10.3.2/10.3.3)	WebLogic 11g R1 (10.3.4/ 10.3.5/ 10.3.6)	WebLogic 12c 12.1.1.
IBM AIX 6.1 TLx <i>Minimum version:</i> Base IBM POWER–based processors <i>Bit:</i> 64-Bit deployments only	✓	✓	✓ Minimum TL4 Maintenance package 6100-00-04	✓ Minimum TL4 Maintenance package 6100-00-04	✓ Minimum TL4 Maintenance package 6100-00-04	✓ See Notes	✓ Minimum TL2 See Notes	✓ Minimum TL2	✓ Minimum TL6
IBM AIX 7.1 TLx <i>Minimum version:</i> Base IBM POWER–based processors <i>Bit:</i> 64-Bit deployments only	✓	✓	✓ Min. 7100- 00-02 See Notes	✓ Min. 7100- 01-02	✓ Min. 7100- 01-02			✓	✓
Microsoft Windows Server 2008 SPx <i>Editions:</i> Standard Enterprise Datacenter <i>Minimum version:</i> Base x86 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ See Notes	✓ See Notes	✓	✓	✓	✓ See Notes	✓ Minimum SP1	✓ Minimum SP1	
Microsoft Windows Server 2008 R2 SPx <i>Editions:</i> Standard Enterprise Datacenter <i>Minimum version:</i> Base x86 <i>Bit:</i> 64-Bit deployments only	✓	✓ See Notes	✓	✓	✓		✓ Minimum WL 10.3.3	✓	✓
Sun Solaris 10 <i>Minimum version:</i> Base SPARC <i>Bit:</i> 64-Bit deployments only	✓	✓	✓ Patch Cluster dated October, 2009 or later	✓ Patch Cluster dated October, 2009 or later	✓ Patch Cluster dated October, 2009 or later	✓	✓ Minimum update 4	✓ Minimum update 6 Minimum for WL 10.3.6 update 9	✓ Minimum update 9

IBM FileNet P8 5.0 & 5.1 Hardware and Software Requirements
Server requirements — Java EE-based products

	WebSphere 6.1.0.x	WebSphere 7.0.0.x	WebSphere 8.0.0.x	WebSphere 8.5.0.x	WebSphere 8.5.5.x ¹	WebLogic 10g (10.3.0)	WebLogic 11g R1 (10.3.2/10.3.3)	WebLogic 11g R1 (10.3.4/ 10.3.5/ 10.3.6)	WebLogic 12c 12.1.1.
Oracle Solaris 11 <i>Minimum version:</i> Base SPARC <i>Bit:</i> 64-Bit deployments only				✓	✓			✓ Minimum WL 10.3.5	✓
HP-UX 11i v2 <i>Minimum version:</i> Base PA-RISC and Itanium® <i>Bit:</i> 64-Bit deployments only	✓	✓	✓ Patch Bundle dated December, 2007 or later	✓ Patch Bundle dated December, 2007 or later	✓ Patch Bundle dated December, 2007 or later	✓	✓	✓ Minimum Quality Pack Bundle: March 2007+	
HP-UX 11i v3 <i>Minimum version:</i> Base PA-RISC and Itanium <i>Bit:</i> 64-Bit deployments only	✓	✓	✓ Patch Bundle dated September, 2009 or later	✓ Patch Bundle dated December, 2007 or later	✓ Patch Bundle dated December, 2007 or later	✓	✓	✓ Minimum Quality Pack Bundle: March 2008+	
Red Hat Enterprise Linux 5.x <i>Editions:</i> Advanced Platform, Server <i>Minimum version:</i> 5.1 x86 <i>Bit:</i> 64-Bit deployments only	✓ See Notes	✓ See Notes	✓ Minimum 5.6	✓ Minimum 5.6	✓ Minimum 5.6	✓ See Notes	✓ Minimum RH 5.3 See Notes	✓ Minimum RH 5.3 Minimum WL10.3.6 RH5.5 See Notes	✓ Minimum RH 5 UL6
Red Hat Enterprise Linux 5.x for System z <i>Editions:</i> Advanced Platform, Server <i>Minimum version:</i> 5.1 System z <i>Bit:</i> 64-Bit deployments only	✓ See Notes	✓ See Notes	✓ Minimum 5.6	✓ Minimum 5.6	✓ Minimum 5.6		✓ Minimum RH 5.3 See Notes	✓ Minimum RH 5.3 Minimum WL10.3.6 RH5.5 See Notes	
Red Hat Enterprise Linux 6.x <i>Minimum version:</i> Base x86 <i>Bit:</i> 64-Bit deployments only	✓	✓ See Notes	✓	✓	✓				✓ Minimum RH 6 UL1

	WebSphere 6.1.0.x	WebSphere 7.0.0.x	WebSphere 8.0.0.x	WebSphere 8.5.0.x	WebSphere 8.5.5.x ¹	WebLogic 10g (10.3.0)	WebLogic 11g R1 (10.3.2/10.3.3)	WebLogic 11g R1 (10.3.4/ 10.3.5/ 10.3.6)	WebLogic 12c 12.1.1.
Red Hat Enterprise Linux 6.x for System z <i>Minimum version: Base System z</i> <i>Bit: 64-Bit deployments only</i>	✓	✓	✓	✓	✓				
Novell SUSE Linux Enterprise Server 10 SPx <i>Edition: SLES</i> <i>Minimum version: Base x86</i> <i>Bit: 32-Bit and 64-Bit deployments</i>	✓	✓	✓ Minimum SP3	✓ Minimum SP3	✓ Minimum SP3	✓	✓ Minimum SUSE SP1	✓ Minimum SUSE SP1 Minimum WL10.3.6 SUSE SP4	✓ Minimum SUSE SP2 64-bit only
Novell SUSE Linux Enterprise Server for System z version 10 SPx <i>Edition: SLES</i> <i>Minimum version: Base System z</i> <i>Bit: 64-Bit deployments only</i>	✓	✓	✓ Minimum SP3	✓ Minimum SP3	✓ Minimum SP3		✓ Minimum SUSE SP2 See Notes	✓ Minimum SUSE SP2 Minimum WL10.3.6 SUSE SP4 See Notes	
Novell SUSE Linux Enterprise Server 11SPx <i>Edition: SLES</i> <i>Minimum version: Base x86</i> <i>Bit: 32-Bit and 64-Bit deployments</i>	✓	✓	✓	✓	✓	✓	✓ Minimum WL 10.3.3 32-bit SUSE only	✓	✓ 64-bit only
Novell SUSE Linux Enterprise Server for System z version 11 SPx <i>Edition: SLES</i> <i>Minimum version: Base System z 64-Bit</i> <i>Bit: 64-Bit deployments only</i>	✓	✓	✓	✓	✓			✓ Minimum WL10.3.6 SUSE SP1	

JBoss

Other table links: [WebSphere and WebLogic](#)

	JBoss 4.3 EAP	JBoss 5.0.1 AS	JBoss 5.1.x EAP	JBoss 5.1.x AS	JBoss 6 AS	JBoss 7 AS
IBM AIX® 5.3 TLx <i>Minimum version:</i> TL4 IBM POWER–based processors <i>Bit:</i> 64-Bit deployments only	✓		See Notes			
IBM AIX 6.1 TLx <i>Minimum version:</i> Base IBM POWER–based processors <i>Bit:</i> 64-Bit deployments only	See Notes		See Notes			
IBM AIX 7.1 TLx <i>Minimum version:</i> Base IBM POWER–based processors <i>Bit:</i> 64-Bit deployments only	See Notes		See Notes			
Microsoft Windows Server 2008 SPx <i>Editions:</i> Standard Enterprise Datacenter <i>Minimum version:</i> Base x86 <i>Bit:</i> 32-Bit and 64-Bit deployments	See Notes		See Notes			
Microsoft Windows Server 2008 R2 SPx <i>Editions:</i> Standard Enterprise Datacenter <i>Minimum version:</i> Base x86 <i>Bit:</i> 64-Bit deployments only	✓	✓ See Notes	✓	✓		
Sun Solaris 10 <i>Minimum version:</i> Base SPARC <i>Bit:</i> 64-Bit deployments only	✓	✓	✓	✓		
Oracle Solaris 11 <i>Minimum version:</i> Base SPARC <i>Bit:</i> 64-Bit deployments only	See Notes	See Notes	See Notes	See Notes		
HP-UX 11i v2 <i>Minimum version:</i> Base PA-RISC and Itanium® <i>Bit:</i> 64-Bit deployments only	✓	✓	See Notes			

	JBoss 4.3 EAP	JBoss 5.0.1 AS	JBoss 5.1.x EAP	JBoss 5.1.x AS	JBoss 6 AS	JBoss 7 AS
HP-UX 11i v3 <i>Minimum version:</i> Base PA-RISC and Itanium <i>Bit:</i> 64-Bit deployments only	✓		See Notes			
Red Hat Enterprise Linux 5.x <i>Editions:</i> Advanced Platform, Server <i>Minimum version:</i> 5.1 x86 <i>Bit:</i> 64-Bit deployments only	✓	✓ See Notes	✓	✓		
Red Hat Enterprise Linux 5.x for System z <i>Editions:</i> Advanced Platform, Server <i>Minimum version:</i> 5.1 System z 64-Bit <i>Bit:</i> 64-Bit deployments only	✓	✓	✓	✓		
Red Hat Enterprise Linux 6.x <i>Minimum version:</i> base x86 <i>Bit:</i> 64-Bit deployments	See Notes		✓			
Red Hat Enterprise Linux 6.x for System z <i>Minimum version:</i> base System z 64-bit <i>Bit:</i> 64-Bit deployments only	See Notes		See Notes			
Novell SUSE Linux Enterprise Server 10 SPx <i>Edition:</i> SLES <i>Minimum version:</i> Base x86 <i>Bit:</i> 32-Bit and 64-Bit deployments	See Notes		See Notes			
Novell SUSE Linux Enterprise Server for System z version 10 SPx <i>Edition:</i> SLES <i>Minimum version:</i> Base System z 64-bit <i>Bit:</i> 64-Bit deployments only	See Notes		See Notes			
Novell SUSE Linux Enterprise Server 11SPx <i>Edition:</i> SLES <i>Minimum version:</i> Base x86 <i>Bit:</i> 32-Bit and 64-Bit deployments	See Notes		See Notes			

	JBoss 4.3 EAP	JBoss 5.0.1 AS	JBoss 5.1.x EAP	JBoss 5.1.x AS	JBoss 6 AS	JBoss 7 AS
Novell SUSE Linux Enterprise Server for System z version 11 SPx <i>Edition:</i> SLES <i>Minimum version:</i> Base System z 64-bit <i>Bit:</i> 64-Bit deployments only	See Notes		See Notes			

NOTES

For platform support for the Composite Platform Installation Tool (CPIT) version 5.x and the Case Manager Platform Installation Tool (CMPIT) version 5.x, review the requirements in this section: [Single Server Installation Tools](#).

JBoss

Redhat differentiates between 'Certified' and 'Compatible' configurations for their application server but supports both. Only the certified configurations are reflected in this table with a check mark for support. Review the information at this link to determine whether or not the operating system you wish to use is supported as either 'Certified' or 'Compatible' by Redhat:

<http://www.jboss.com/products/platforms/application/supportedconfigurations/>

Operating systems

- 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 32-bit Server operating systems. Win2008 R1 was the last 32-bit Server OS MS will release. Win2008 R2 is 64-bit only and Microsoft does not provide a 32-bit to 64-bit upgrade path.

To avoid future upgrade issues, we recommend that customers not deploy P8 5.x on Win2008 32-bit. The alternative is to deploy on Windows 2008 64-bit.

- When installing P8 eForms fix packs on a Windows 2008 64-bit server, the following error message might appear: "Unable to install IBM FileNet eForms for P8 (): Patch is associated with a product that is not installed on target machine."

To work around the issue

- Uninstall P8 eForms.
- Install the GA version.

When prompted for a JDK, choose the java.exe used by the Application Engine JVM. By default, this JDK is located at C:\Program Files (x86)\FileNet\AE\AEjvm\bin.

- Install the P8 eForms fix pack.

AIX

- For all P8 components that support AIX 6.1 and AIX 7.1 the Power7 architecture is also supported.
- The xMing emulator does not work for CMUI/ERCM on AIX only.

- Download and install the following minimum versions of these packages on all AIX servers before beginning any install or upgrade for IBM Case Manager 5.1.1.x. The files can be downloaded from the following location: <http://www-03.ibm.com/systems/power/software/aix/linux/toolbox/alpha.html>
 - libpng
 - libtiff
 - libjpeg
 - gettext
 - glib2
 - atk
 - freetype
 - zlib
 - expat
 - fontconfig
 - xft
 - cairo
 - pango
 - xcursor
 - gtk2-2.10.6-5.aix5.2.ppc.rpm The minimum requirement is 2.12 GTK+ or 2.10 GTK2 however IBM recommends that you use the latest version of GTK.
- See this technote for issues installing Websphere 8 on AIX7.1: <http://www-01.ibm.com/support/docview.wss?uid=swg21575120>

AIX Exceptions

Records Manager 4.5/IER 4.5.1 are not supported on AIX 7.

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.

- When running Remote Desktop Connection with P8 5.x, IBM recommends usage of the physical console session.

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 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 86_64 systems before starting any FileNet P8 installations. The files are available on the original system media. For Red Hat Enterprise Linux 5.x the following packages are required to launch the installer:
 - compat-libstdc++-296-2.96-138.i386.rpm
 - compat-libstdc++-33-3.2.3-61.i386.rpm
 - compat-libstdc++-33-3.2.3-61.x86_64.rpm
 - libXpm-3.5.5-3.i386.rpm
 - libXpm-3.5.5-3.x86_64.rpm
 - libXft-2.1.10-1.1.i386.rpm
 - libXft-2.1.10-1.1.x86_64.rpm
 - libXtst-1.0.1-3.1.i386.rpm
 - libXtst-1.0.1-3.1.x86_64.rpm
 - For Red Hat Enterprise Linux 6.2 the following additional packages are required to launch the installer
 - DVD-ROM_mount_point/Server/libXp-1.0.0-15.1.el6.i686.rpm
 - DVD-ROM_mount_point/Server/libXft-2.1.13-4.1.el6.i686.rpm
 - DVD-ROM_mount_point/Server/libXtst-1.0.99.2-3.el6.i686.rpm
 - DVD-ROM_mount_point/Server/libgcc-4.4.6-3.el6.i686.rpm
 - DVD-ROM_mount_point/Server/libstdc++-4.4.6-3.el6.i686.rpm
 - DVD-ROM_mount_point/Server/glibc-2.12-1.47.el6.i686.rpm
 - DVD-ROM_mount_point/Server/compat-libstdc++-33-3.2.3-69.el6.i686.rpm

- DVD-ROM_mount_point/Server/ksh-20100621-2.el6.x86_64.rpm
- When installing P8 products on a Red Hat Enterprise Linux version 5.x machine (or higher), a user might see the error "Failed to find VM - aborting". The cause of this error is because RHEL 5.x has a 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. In RHEL 5.0 SELinux is enabled by default. SELinux helps to keep the host secure from certain types of malicious attacks. However, the default settings can prevent IBM Java 1.5 from running properly.

To resolve the issue choose one of the following options:

- Temporarily change the SELinux mode 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 as follows:
 - Change SELINUX=enforcing to SELINUX=permissive
 - Reboot the system.
- Red Hat Enterprise Linux 6

The following FileNet P8 products are **not** supported on Red Hat 6:

- QuickR 1.1
- Widgets 4.5.x
- Records Manager 4.5.0/IER 4.5.1
- CFS 5.0.x
- ACCE 5.0
- Info Center 5.0 combined with JBoss 5.x
- 3.5 Web Upgrader 5.0.0

Oracle Solaris

- The minimum version for Oracle Solaris 11 support with CFS is 5.1.0.1-CFS-FP001.
- The following FileNet P8 products are not supported on Solaris 11
 - WPXT
 - Workplace

- Records Manager/IER
- QuickR
- Info Center 5.x
- eForms
- ECM Widgets
- There is a known encryption issue with Sun Java 7 running on Solaris operating systems. The Content Engine content encryption feature is not currently supported when the Content Engine is running in this configuration."

Novell SUSE Linux

Novell SUSE Linux offers an optional install scenario that does not include the X.org package. The X.org package contains libraries (in addition to other SUSE dependencies) that are required to run the 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 Novell SUSE Linux systems before starting any FileNet P8 installations. The files are available on the original system media.
 - DVD-ROM_mount_point/.../libstdc++-33-3.2.3-61.i386.rpm
 - DVD-ROM_mount_point/.../libstdc++-33-3.2.3-61.x86_64.rpm

P8 Product Notes

Case Manager

- Case Manager 5.0.x.x is only supported on Red Hat Linux 5.4 (x86 64-bit) and up, IBM AIX 6.1 and Microsoft Windows 2008 R2.
- Case Manager 5.1.x.x is only supported on Red Hat Linux 5.x and 6.x (x86 64-bit, System z), IBM AIX 6.1, 7.1, Windows 2008 R2 server and Sun Solaris Sparc 10.
- Case Manager 5.1.1.x is only supported on Red Hat Linux 5.x and 6.x (x86 64-bit, System z), IBM AIX 6.1, 7.1, SUSE Linux 11 (x86 64-bit, System z), Windows 2008 R2 server and Sun Solaris Sparc 10.
- Case Manager and East Asian Support
 - Case Manager requires specific Operating System language packs in order to correctly display double-byte characters (East Asian). Install the correct language pack on the Case Manager server
 - Windows: Install the East Asian Language pack
 - Linux and AIX: Install the Asian Language pack

For more information on the P8 non-English Support Guide refer to the following link:

<https://www.ibm.com/support/docview.wss?rs=86&uid=swg27021508>

- Case Manager requires the proper East Asian font types installed for displaying East Asian characters in the step editor. This will resolve unreadable square characters in swim lanes of the step editor.

Configuration Manager Deployment Application (CMUI) / Enterprise Records Configuration Manager (ERCM)

- Ensure that an unzip program is installed on the operating system. For AIX, an unzip package can be downloaded from <http://www-03.ibm.com/systems/power/software/aix/linux/toolbox/ezinstall.html>
- When installing the CMUI or ERCM on Solaris, the following packages must be installed:
 - SUNWgnome-base-libs-root
 - SUNWgnome-base-libs-share
 - SUNWfreetype2
 - SUNWTiff
 - SUNWgnome-base-libs

- SUNWmlib
- When installing P8 on Solaris the CMUI or ERCM application might start and quickly return without any error. 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 error 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 technote: <http://www-01.ibm.com/support/docview.wss?uid=swg21418588>

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
- The minimum requirement for BPF on AIX 7.1 is 4.1.0.7-P8BPF-FP007.
- The minimum requirement for BPF on RHEL 6 is 4.1.0.7-P8BPF-FP007.

Content Engine

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.

CFS for IBM Content Integrator

Support for CFS for IBM Content Integrator is dependent on IBM Content Integrator support. To ensure your CFS for IBM Content Integrator meets the ICI requirements, see [Supported source repositories with IBM Content Integrator](#).

eForms

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

FileNet Services for Lotus Quickr

FileNet Services for Lotus® Quickr™ 1.1 is not currently supported on zLinux.

ECM Widgets

- IBM ECM Widgets 4.5.2.0 supports only 32-bit Editions of 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 2008 (Standard & Enterprise Edition), 64-bit Edition of Microsoft Windows Server 2008 R2, and IBM AIX 6.1 64-bit.
- IBM ECM Widgets 4.5.2.3 adds support for Windows 2008 R2 64-bit and IBM AIX 7.1 64-bit.

ISRA Servlet

The ISRA Servlet is not currently supported on zLinux.

Workplace XT

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+ introduce 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 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. For information about client operating systems, see [Client operating systems](#).

Tables in this section are arranged by:

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

For third-party components, the appropriate vendors' support documentation should be reviewed to assure functionality and support. Refer to the **IMPORTANT** note in the Introduction for IBM's support statement for vendor products.

Content Manager

Other table links: [Case Manager](#), [Business Process Manager and other products](#)

	Content Manager							
	EM 5.x	CMUI 5.x	FDM 5.x	RE 5.x	LCSE 5.0	CSS 5.x	SD 5.x	CEBI 5.1
IBM AIX 5.3 TLx <i>Minimum version:</i> TL4 IBM POWER-based processors <i>Bit:</i> 64-Bit deployments only		✓			✓ See Notes	✓ See Notes	✓	✓
IBM AIX 6.1 TLx <i>Minimum version:</i> Base IBM POWER-based processors <i>Bit:</i> 64-Bit deployments only		✓			✓ See Notes	✓ See Notes	✓	✓
IBM AIX 7.1 TLx <i>Minimum version:</i> 7100-01-02 IBM POWER-based processors <i>Bit:</i> 64-Bit deployments only		✓				✓ Min. CSS 5.1 See Notes	✓	✓

IBM FileNet P8 5.0 & 5.1 Hardware and Software Requirements
Server requirements — Non-Java EE products and server operating system combinations

	Content Manager							
	EM 5.x	CMUI 5.x	FDM 5.x	RE 5.x	LCSE 5.0	CSS 5.x	SD 5.x	CEBI 5.1
Microsoft Windows Server 2008 SPx <i>Editions:</i> Standard Enterprise Datacenter <i>Minimum version:</i> Base x86 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓	✓	✓	✓ See Notes	✓ 32-bit JDK only See JDK Notes	✓ See Notes	✓	
Microsoft Windows Server 2008 R2 SPx <i>Editions:</i> Standard Enterprise Datacenter <i>Minimum version:</i> Base x86 <i>Bit:</i> 64-Bit deployments only	✓	✓	✓	✓ See Notes	✓ 32-bit JDK only See Notes	✓ See Notes	✓	✓ Minimum CE 5.1
Sun Solaris 10 <i>Minimum version:</i> Base SPARC <i>Bit:</i> 64-Bit deployments only		✓			✓ See Notes	✓ See Notes	✓	
Oracle Solaris 11 <i>Minimum version:</i> Base SPARC <i>Bit:</i> 64-Bit deployments only		✓ Minimum CE 5.1 See Notes	✓ Minimum CE 5.1 See Notes			✓ Minimum CE 5.1 See Notes		✓ Minimum CE 5.1
HP-UX 11i v2 <i>Minimum version:</i> Base PA-RISC and Itanium <i>Bit:</i> 64-Bit deployments only		✓ See Notes			✓ See Notes		✓	
HP-UX 11i v3 <i>Minimum version:</i> Base PA-RISC and Itanium <i>Bit:</i> 64-Bit deployments only		✓ See Notes			✓ See Notes		✓	
Red Hat Enterprise Linux 5.x <i>Editions:</i> Advanced Platform, Server <i>Minimum version:</i> 5.1 x86 <i>Bit:</i> 64-Bit deployments		✓			✓ See Notes	✓ See Notes	✓	

IBM FileNet P8 5.0 & 5.1 Hardware and Software Requirements
Server requirements — Non-Java EE products and server operating system combinations

	Content Manager							
	EM 5.x	CMUI 5.x	FDM 5.x	RE 5.x	LCSE 5.0	CSS 5.x	SD 5.x	CEBI 5.1
Red Hat Enterprise Linux 5.x for System z <i>Editions:</i> Advanced Platform, Server <i>Minimum version:</i> 5.1 System z 64-bit <i>Bit:</i> 64-Bit deployments only		✓			✓ CSE 5.x Client only See Notes	✓ See Notes	✓	✓
Red Hat Enterprise Linux 6.x <i>Minimum version:</i> Base x86 <i>Bit:</i> 64-Bit deployments only		✓			✓	✓ See Notes		✓ Minimum CE 5.1
Red Hat Enterprise Linux 6.x for System z <i>Editions:</i> Advanced Platform, Server <i>Minimum version:</i> Base System z 64-bit <i>Bit:</i> 64-Bit deployments only		✓			✓ CSE 5.x Client only See Notes	✓	✓	✓
Novell SUSE Linux Enterprise Server 10 SPx <i>Edition:</i> SLES <i>Minimum version:</i> Base x86 <i>Bit:</i> 32-Bit and 64-Bit deployments		✓			✓	✓ Minimum Server 10.2 See Notes	✓	
Novell SUSE Linux Enterprise Server for System z version 10 SPx Edition: SLES Minimum version: Base System z 64-bit <i>Bit:</i> 64-Bit deployments only		✓			✓ CSE 5.x Client only See Notes	✓ Minimum Server 10.2 See Notes	✓	
Novell SUSE Linux Enterprise Server 11 SPx Edition: SLES Minimum version: Base x86 <i>Bit:</i> 32-Bit and 64-Bit deployments		✓			✓ See Notes	✓ See Notes	✓	

	Content Manager							
	EM 5.x	CMUI 5.x	FDM 5.x	RE 5.x	LCSE 5.0	CSS 5.x	SD 5.x	CEBI 5.1
Novell SUSE Linux Enterprise Server for System z version 11 SPx <i>Edition:</i> SLES <i>Minimum version:</i> Base System z 64-bit <i>Bit:</i> 64-Bit deployments only		✓			✓ CSE 5.x Client only See Notes	✓ See Notes	✓	

Case Manager

Other table links: [Content Manager](#), [Business Process Manager](#) and other products

	Case Manager		
	Case Manager 5.0.x.x	Case Manager 5.1.0.x	Case Manager 5.1.1.x
IBM AIX 6.1 TLx IBM POWER–based processors <i>Minimum version:</i> Base <i>Bit:</i> 64-Bit deployments only	✓	✓	✓
IBM AIX 7.1 TLx <i>Minimum version:</i> Min. 7100-01-02 IBM POWER–based processors <i>Bit:</i> 64-Bit deployments only		✓	✓
Microsoft Windows Server 2008 R2 SPx <i>Editions:</i> Standard Enterprise Datacenter <i>Minimum version:</i> Base x86 <i>Bit:</i> 64-Bit deployments only	✓	✓	✓
Sun Solaris 10 <i>Minimum version:</i> Base SPARC <i>Bit:</i> 64-Bit deployments only		✓	✓
Oracle Solaris 11 <i>Minimum version:</i> Base SPARC <i>Bit:</i> 64-Bit deployments only			

	Case Manager		
	Case Manager 5.0.x.x	Case Manager 5.1.0.x	Case Manager 5.1.1.x
Red Hat Enterprise Linux 5.x <i>Editions:</i> Advanced Platform, Server <i>Minimum version:</i> 5.4 x86 <i>Bit:</i> 64-Bit deployments only	✓	✓	✓
Red Hat Enterprise Linux 5.x for System z <i>Editions:</i> Advanced Platform, Server <i>Minimum version:</i> 5.4 System Z 64-bit <i>Bit:</i> 64-Bit deployments only	✓	✓	✓
Red Hat Enterprise Linux 6.x <i>Minimum version:</i> Base x86 <i>Bit:</i> 64-Bit deployments		✓	✓
Red Hat Enterprise Linux 6.x for System z <i>Minimum version:</i> Base System Z 64-Bit <i>Bit:</i> 64-Bit deployments		✓	✓
Novell SUSE Linux Enterprise Server 11 SPx <i>Edition:</i> SLES <i>Minimum version:</i> Base x86 <i>Bit:</i> 32-Bit and 64-Bit deployments			✓
Novell SUSE Linux Enterprise Server for System z version 11 SPx <i>Edition:</i> SLES <i>Minimum version:</i> Base System z 64-bit <i>Bit:</i> 64-Bit deployments only			✓

Business Process Manager and other products

Other table links: [Content Manager](#), [Case Manager](#)

	Business Process Manager				Other products			
	PE 5.0	CA 5.0	PS 5.0	BPF Explorer 4.1.0	IER Tools 4.5.1	IER Tools/ERCM 5.1.x	SPC 2.2.1	SPC 2.2.2.0
IBM AIX 5.3 TLx <i>Minimum version:</i> TL8 IBM POWER–based processors Bit: 64-Bit deployments only	✓ Not supported with PE-5.0.0.9 and later See Notes				✓	✓		
IBM AIX 6.1 TLx <i>Minimum version:</i> TL5 IBM POWER–based processors Bit: 64-Bit deployments only	✓				✓	✓		
IBM AIX 7.1 TLx <i>Minimum version:</i> 7100-01-02 IBM POWER–based processors Bit: 64-Bit deployments only	✓					✓		
Microsoft Windows Server 2008 SPx <i>Editions:</i> Standard Enterprise Datacenter <i>Minimum version:</i> Base x86 Bit: 32-Bit and 64-Bit deployments	✓ 64-bit only	✓	✓	✓ Minimum BPF-4.1.0-005 See Notes	✓	✓	✓	
Microsoft Windows Server 2008 R2 <i>Editions:</i> Standard Enterprise Datacenter <i>Minimum version:</i> Base x86 Bit: 32-Bit and 64-Bit deployments	✓ 64-bit only	✓	✓					

IBM FileNet P8 5.0 & 5.1 Hardware and Software Requirements
Server requirements — Non-Java EE products and server operating system combinations

	Business Process Manager				Other products			
	PE 5.0	CA 5.0	PS 5.0	BPF Explorer 4.1.0	IER Tools 4.5.1	IER Tools/ERCM 5.1.x	SPC 2.2.1	SPC 2.2.2.0
Microsoft Windows Server 2012 <i>Editions:</i> Standard Enterprise Datacenter <i>Minimum version:</i> Base x86 <i>Bit:</i> 64-Bit deployments				✓ Minimum BPF-4.1.0-010				
Sun Solaris 10 <i>Minimum version:</i> Base SPARC <i>Bit:</i> 64-Bit deployments only	✓				✓	✓		
Oracle Solaris 11 <i>Minimum version:</i> Base SPARC <i>Bit:</i> 64-Bit deployments only	✓ Minimum 5.0.0.4-P8PE- FP04 See Notes							
HP-UX 11i v2 <i>Minimum version:</i> Base PA-RISC and Itanium <i>Bit:</i> 64-Bit deployments only	✓				✓	✓		
HP-UX 11i v3 <i>Minimum version:</i> Base PA-RISC and Itanium <i>Bit:</i> 64-Bit deployments only	✓				✓	✓		
Red Hat Enterprise Linux 5.x <i>Editions:</i> Advanced Platform, Server <i>Minimum version:</i> 5.1 <i>Bit:</i> x86, 32-Bit and 64-Bit deployments	✓				✓	✓		
Red Hat Enterprise Linux 5.x for System z <i>Editions:</i> Advanced Platform, Server <i>Minimum version:</i> 5.1 System z 64-bit <i>Bit:</i> 64-Bit deployments only	✓				✓	✓		

IBM FileNet P8 5.0 & 5.1 Hardware and Software Requirements
Server requirements — Non-Java EE products and server operating system combinations

	Business Process Manager				Other products			
	PE 5.0	CA 5.0	PS 5.0	BPF Explorer 4.1.0	IER Tools 4.5.1	IER Tools/ERCM 5.1.x	SPC 2.2.1	SPC 2.2.2.0
Red Hat Enterprise Linux 6.x <i>Editions:</i> Advanced Platform, Server <i>Minimum version:</i> Base x86 <i>Bit:</i> 64-Bit deployments	✓					✓		
Red Hat Enterprise Linux 6.x <i>Minimum version:</i> Base System z 64-Bit <i>Bit:</i> 64-Bit deployments	✓					✓		
Novell SUSE Linux Enterprise Server 10 SPx <i>Edition:</i> SLES <i>Minimum version:</i> Base x86 <i>Bit:</i> 32- <i>l</i> and 64- <i>l</i> deployments	✓				✓	✓		
Novell SUSE Linux Enterprise Server for System z version 10 SPx <i>Edition:</i> SLES <i>Minimum version:</i> Base System z 64-bit <i>Bit:</i> 64-Bit deployments only	✓				✓	✓		
Novell SUSE Linux Enterprise Server 11 SPx <i>Edition:</i> SLES <i>Minimum version:</i> Base x86 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓				✓	✓		
Novell SUSE Linux Enterprise Server for System z version 11 SPx <i>Edition:</i> SLES <i>Minimum version:</i> Base System z 64-bit <i>Bit:</i> 64-Bit deployments only	✓				✓	✓		

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.x and 6.0 x86_64 systems 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
- For information on how to run the Configuration Manager application in UI mode on RHEL 5.2 refer to this technote: <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, 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.
- When installing P8 products on Red Hat Enterprise Linux 6.x, the following packages are required:
 - DVD-ROM_mount_point/Server/compat-libstdc++-296-2.96-144.el6.i686.rpm
 - DVD-ROM_mount_point/Server/libXp-1.0.0-15.1.el6.i686.rpm
 - DVD-ROM_mount_point/Server/libXft-2.1.13-4.1.el6.i686.rpm

- DVD-ROM_mount_point/Server/libXtst-1.0.99.2-3.el6.i686.rpm
- When installing CMUI, ERCM, and CMAC on Red Hat Enterprise Linux 6.x, the following additional packages are required to launch the installer:
 - DVD-ROM_mount_point/Server/webkitgtk-01.2.3.1.el6.i686
 - DVD-ROM_mount_point/Server/PackageKit-gtk-module-version.el6
 - DVD-ROM_mount_point/Server/libcanberra-0.22-1.el6
 - When using a 64-bit version (x86_64) of RHEL, install both the x86_64 and i686 versions of the packages above in order for CMUI to launch.
- For Red Hat Enterprise Linux 6.2 the following additional packages are required to launch the installer and or the Configuration Managers (CMUI, ERCM and CMAC):
 - DVD-ROM_mount_point/Server/libgcc-4.4.6-3.el6.i686.rpm
 - DVD-ROM_mount_point/Server/libstdc++-4.4.6-3.el6.i686.rpm
 - DVD-ROM_mount_point/Server/glibc-2.12-1.47.el6.i686.rpm
 - DVD-ROM_mount_point/Server/compat-libstdc++-33-3.2.3-69.el6.i686.rpm
 - DVD-ROM_mount_point/Server/ksh-20100621-2.el6.x86_64.rpm

Novell SUSE Linux

Novell SUSE Linux offers an optional install scenario that does not include the X.org package. The X.org package contains libraries (in addition to other SUSE dependencies) that are required to run the 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 Novell SUSE Linux systems before starting any 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

IBM AIX

- For all P8 components that support AIX 6.1 and AIX 7.1, the Power7 architecture is also supported.
- Download and install the following minimum versions of these packages on all AIX servers before beginning any install or upgrade for IBM Case Manager 5.1.1.x. The files can be downloaded from the following location:

<http://www-03.ibm.com/systems/power/software/aix/linux/toolbox/alpha.html>

- libpng
- libtiff
- libjpeg
- gettext
- glib2
- atk
- freetype
- zlib
- expat
- fontconfig
- xft
- cairo
- pango
- xcursor
- gtk2-2.10.6-5.aix5.2.ppc.rpm

The minimum requirement is 2.12 GTK+ or 2.10 GTK2 however IBM recommends that you use the latest version of GTK.

- Process Engine 5.0.0.9 updates the private, bundled JRE to 8.0. As a result, the minimum supported AIX operating system levels are:
 - AIX 6.1 TL7 (AIX 6100-07)
 - AIX 7.2 TL3 (AIX 7100-03)

AIX 5.3 does not support JRE 1.8 and therefore can no longer be used with Process Engine 5.0.0.9 and later.

Business Process Framework

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

Content Engine 5.x

- Enterprise Manager

On Window Server 2008 systems, if using the HTTPS protocol to connect from Enterprise Manager to the Content Engine, Web Services Enablement (WSE) 3.0 is not required because .Net Framework 3.0 is installed automatically with the operating system, and the HTTPS protocol uses Microsoft Windows Communication Foundation (WCF) rather than WSE.

Refer to section "Importing the SSL certificate from Content Engine to the client workstation" at the following link for configuring SSL connections with WCF for Enterprise Manager <https://www-304.ibm.com/support/docview.wss?uid=swg21423925>.

To see the full support options, view the [Client Operating Systems](#) section of this document.

- Configuration Manager 5.x

You cannot run the UI version of the Configuration Manager 5.x on HP-UX PA-RISC. You must run the Configuration Manager from the command line.

For information on how to run the Configuration Manager application in UI mode on RHEL 5.2, refer to the following technote:

<http://www-01.ibm.com/support/docview.wss?uid=swg21403746>

Content Based Retrieval

- Content Search Services 5.x
 - Content Engine and Content Search Services 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 Services can be on different versions of Unix/Linux.

- Due to SELinux features on the Redhat Linux platform, the CSS Text Extractor processes cannot load the INSO (Stellent / Oracle) libraries and fails with the error "IQQG0335E The server cannot start. See the error log file for more details." An Oracle ticket, (SR 3-4493870871) has been opened. Until resolved use this workaround on your CSS server:

```
chcon -t textrel_shlib_t <stellent libraries installed location>
```

For example, `chcon -t textrel_shlib_t /opt/IBM/ContentSearchServices/CSS_Server/stellent.zlinux31/*.so`

- The Content Engine and Content Search Engine text extraction feature using Oracle Outside in Search Exporter (INSO) is not supported on 32 bit Linux operating systems.

- Legacy Content Search Engine 5.0

- Content Engine and Legacy 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 Legacy Content Search Engine can be on different versions of Unix/Linux.
- Legacy Content Search Engine Server 5.0 does not support zLinux operating systems. However, if Content Engine is deployed on zLinux, the Legacy Content Search Engine Client can be installed on the zLinux operating system.
- Use either of the following recommended quality packs for Legacy Content Search Engine 5.0 on HP-UX:
 - QPK1123(B.11.23.0906.079) Quality Pack Depot for HP-UX 11i v2, June 2009
 - QPK1131(B.11.31.0906.334a) Quality Pack Depot for HP-UX 11i v3, March 2009
- See [Supported JDK/JRE for non-Java EE server products](#) for the JRE/JDK limitations for Legacy Content Search Engine.

- Legacy Content Search Engine 5.0: Oracle Outside in Search Exporter (INSO)

The following operating systems do not support Oracle Outside in Search Exporter (INSO); other operating systems shown in the preceding table do support INSO.

- Red Hat Enterprise Linux 5x for System z
- Novell SUSE Linux Enterprise Server for System z version 10 SPx
- Novell SUSE Linux Enterprise Server for System z version 11 SPx

Rendition Engine 5.x

For more information on running Rendition Engine on Windows Server 2008, refer to technote <http://www-01.ibm.com/support/docview.wss?uid=swg21413726>.

System Dashboard for ECM 5.x

- The standard Linux installer for IBM System Dashboard for ECM 5.0 can be used for SUSE and Red Hat Enterprise Linux (RHEL) x86 as well as SUSE and RHEL zLinux editions.
- The IBM System Dashboard for ECM 5.x is not supported on Advanced Micro Devices (AMD) 64-bit Windows 2008.
- IBM System Dashboard for ECM 5.0 requires JDK 1.5.x. Any other client of the IBM System Manager API will also require JDK 1.5.x.

Supported JDK/JRE for non-Java EE server products

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:

- Process Engine 5.0 uses a private, bundled IBM JRE version 1.6.0_SR8-JIM (6.0) that is installed and configured by Process Engine installation.
- Process Engine 5.0.0.4 uses a private, bundled IBM JRE version Unix: IBM JRE 160 SR10 FP1 or Windows IBM JRE 160 SR10 FP1+190623 that is installed and configured by Process Engine installation.
- Process Engine 5.0.0.9 updates the private, bundled JREs as follows:
 - JRE 1.8 for Windows, AIX, Linux, HP Integrity, and zLinux
 - JRE 1.7 for Solaris Sparc 32
 - JRE 1.6 for HP-UX PA RISC 32
- The Process Engine Component Manager, even though it is installed on an application server, uses a private, bundled JRE.
- The Process Engine and the Component Manager only use 32-bit JREs; there is no support for 64-bit JREs.
- Deployment Manager supports IBM JREs only, and requires a minimum version of JRE 1.6.0_SR7.
- 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
- Legacy Content Search Engine 5.0 supports 32-bit JDK 1.5.x only on Windows Operating Systems and 32/64-bit JDK 1.5.x on Unix/Linux operating systems. Legacy Content Search Engine 5.0 does not support the 1.6 or 1.7 JDK on any operating system.
- For JDK 1.6 Content Engine configurations on Solaris that use Legacy Content Search Engine, the Content Engine server supports JDK 1.6.0_05 only. Using a more current version of JDK 1.6 fix packs can result in the following error:

```
FNRCB0019E: CBR_CANT_LOGON_TO_VERITY: Can't logon to Verity. Admin host: cmcfigsun57b, Admin port: 9,950, Domain: null, User: root, Error: com.verity.xmit.StreamException: Failed to encrypt credentials - java.security.NoSuchAlgorithmException: algorithm AES/ECB is not available from provider Cryptix
```

This limitation might also impose restrictions on the Content Engine application server platforms that can be supported. Refer to the application server vendor's documentation for supported JDK levels.

- JDK 1.4.2 (32-bit) is required for Legacy Content Search Engine Locale installation on AIX 6.1 operating systems. If the installer does not find this version of JDK, the install will terminate with the following message:
No Java Runtime Environment (JRE) was found on this system.

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](#) note in the Introduction for IBM's support statement for vendor products. Support is indicated by a check mark.

	Web Parts 2.2.1	Web Parts 2.2.2
Windows SharePoint Services 3.0 <i>Minimum version: Base</i>	✓	
Microsoft Office SharePoint Server 2007 <i>Minimum version: Base</i>	✓	
Microsoft SharePoint 2010 Server Foundation <i>Minimum version: Base</i>		✓
Microsoft SharePoint 2010 Enterprise <i>Minimum version: Base</i>		✓
Microsoft SharePoint 2010 Standard <i>Minimum version: Base</i>		✓
Web Services Enhancements 3.0 <i>Minimum version: Base</i>	✓	

NOTE

IBM 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](#) note in the Introduction for IBM's support statement for vendor products.

	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	✓ 8.2-Quickr-Domino-Connector-HF7-ENGLISH is required
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](#) note in the Introduction for IBM's support statement for vendor products.

P8 products generally support databases running on the operating systems that the database vendor supports. Support is indicated by a check mark.

For more information, see the database vendor documentation.

Tables in this section are arranged by:

- [Content Manager, Business Process Manager and other product](#)
- [Case Manager](#)

Content Manager, Business Process Manager, and other products

Other table links: [Case Manager](#)

	Content Manager			Business Process Manager				Other products		
	CE 5.x	RE 5.x	CFS 5.x	PE 5.0	CA 5.0	BPF 4.1.0	WDGT 4.5.2.x	eForms 4.0.2	SPC 2.2.x Document Libraries	SPC 2.2.x Web Parts
DB2 Universal Database v9.5 FPx for Linux, UNIX, Windows <i>Editions:</i> Workgroup Express Enterprise <i>Minimum version:</i> FP2 <i>Bit:</i> 32-Bit and 64-Bit	✓		✓	✓ See Notes		✓ Minimum BPF-4.1.0-005 32-bit only See Notes	✓ See Notes	✓	✓	
DB2 Universal Database v9.7 FPx for Linux, UNIX, Windows <i>Editions:</i> Workgroup Express Enterprise Advanced <i>Minimum version:</i> Base <i>Bit:</i> 32-Bit and 64-Bit	✓ See Notes		✓ See Notes	✓ See Notes		✓ Minimum BPF-4.1.0-005 Minimum DB2 v9.7 FP1 See Notes	✓ See Notes	✓ See Notes		

	Content Manager			Business Process Manager				Other products		
	CE 5.x	RE 5.x	CFS 5.x	PE 5.0	CA 5.0	BPF 4.1.0	WDGT 4.5.2.x	eForms 4.0.2	SPC 2.2.x Document Libraries	SPC 2.2.x Web Parts
DB2 Universal Database v9.8 FPx for Linux, UNIX, Windows (pureScale) <i>Minimum version: FP3</i> <i>Bit: 32-Bit and 64-Bit</i>	✓ 64-bit only See Notes		✓ Minimum CFS 5.1 64-bit only See Notes	✓				✓		
DB2 Universal Database v10.1 FPx for Linux, UNIX, Windows Editions: Workgroup, Express, Enterprise, Advanced <i>Minimum version: Base</i> <i>Bit: 32-Bit and 64-Bit</i>	✓ Minimum: 5.1.0.1-P8CE FP001 Includes pureScale		✓ Minimum: 5.1.0.1-P8CFS-FP001	✓ Minimum: 5.0.0.4-P8PE-FP004 Includes pureScale						
DB2 v9 FPx for z/OS Editions: Workgroup, Express, Enterprise <i>Minimum version: DB2v9.1 PUT09009</i> Supported versions of z/OS: 1.9, 1.10, 1.11 and 1.12 <i>Bit: 32-Bit and 64-Bit</i>	✓ Remote database only See Notes		✓ Remote database only See Notes	✓ Remote database only See Notes				✓		
DB2 v10 FPx for z/OS Editions: Workgroup, Express, Enterprise <i>Minimum version: v10, PUT 1104</i> Supported versions of z/OS: 1.12 & 1.13 with min. PUT 1204 <i>Bit: 32-Bit and 64-Bit</i>	✓ Remote database only Minimum CE 5.1		✓ Remote database only Minimum CFS 5.1	✓ Remote database only See Notes				✓		

	Content Manager			Business Process Manager				Other products		
	CE 5.x	RE 5.x	CFS 5.x	PE 5.0	CA 5.0	BPF 4.1.0	WDGT 4.5.2.x	eForms 4.0.2	SPC 2.2.x Document Libraries	SPC 2.2.x Web Parts
SQL Server 2008 SPx <i>Editions: Enterprise Standard Datacenter</i> <i>Minimum version: Base</i> <i>Bit: 32-Bit and 64-Bit</i>	✓	✓	✓	✓	✓	✓ Minimum BPF-4.1.0-005 No Datacenter edition support		✓ Datacenter edition not supported	✓ Datacenter edition not supported	✓ Minimum SPC 2.2.1 No Datacenter edition support
SQL Server 2008 R2 SPx <i>Editions: Enterprise Standard Datacenter</i> <i>Minimum version: Base</i> <i>Bit: 32-Bit and 64-Bit</i>	✓	✓ 32-bit & 64-bit	✓	✓ 64-bit	✓	✓ Minimum BPF-4.1.0.5 No Datacenter edition support		✓ No Datacenter edition support		✓ Minimum SPC 2.2.1 No Datacenter edition support
SQL Server 2012 SPx <i>Editions: Enterprise Standard Datacenter</i> <i>Minimum version: Base</i> <i>Bit: 32-Bit and 64-Bit</i>	✓ Min. 5.1.0.1-P8CE-FP001		✓ Min. 5.1.0.1-P8CFS-FP001	✓ Minimum: 5.0.0.4-P8PE-FP004	✓ Minimum: 5.0.0.5-P8CA-FP005	✓ Minimum BPF-4.1.0.10 No Datacenter edition support				
Oracle 11g R1, 11.1.0.x <i>Editions: Enterprise with Standard Standard One includes RAC</i> <i>Minimum version: 11.1.0.6</i> <i>Bit: 32-Bit and 64-Bit</i>	✓ See Notes	✓ Minimum 11.1.0.7 No RAC See Notes	✓ No RAC	✓ See Notes		✓ No RAC Minimum BPF 4.1.0-005 32-bit only See Notes	✓ Min WDGT 4.5.2 64-bit requires 32-bit client	✓	✓ Requires 10g client	

	Content Manager			Business Process Manager				Other products		
	CE 5.x	RE 5.x	CFS 5.x	PE 5.0	CA 5.0	BPF 4.1.0	WDGT 4.5.2.x	eForms 4.0.2	SPC 2.2.x Document Libraries	SPC 2.2.x Web Parts
Oracle 11g R2, 11.2.0.x <i>Editions:</i> Enterprise, with Standard, Standard One includes RAC <i>Minimum version:</i> 11.2.0.1 + p9011590_112010 or 11.2.0.2 <i>Bit:</i> 32-Bit and 64-Bit	✓ See Notes	✓ RAC Min. 5.1.0.1-P8CE-FP001 See Notes	✓ No RAC See Notes	✓ See Notes		✓ Minimum BPF-4.1.0-005 RAC Min. BPF-4.1.0-008 See Notes	✓	✓		

Case Manager

Other table links: [Business Process Manager](#), [Content Manager](#), and [Other Products](#)

	Case Manager 5.0.x.x	Case Manager 5.1.x.x
DB2 Universal Database v9.7 FPx for Linux, UNIX, Windows <i>Editions:</i> Workgroup, Express, Enterprise and Advanced <i>Minimum version:</i> Base <i>Bit:</i> 32-Bit and 64-Bit	✓ See Notes	✓ See Notes Minimum: 9.7.0.4
DB2 Universal Database v10.1 FPx for Linux, UNIX, Windows <i>Editions:</i> Workgroup, Express, Enterprise, Advanced <i>Minimum version:</i> base <i>Bit:</i> 32-Bit and 64-Bit		✓
Oracle 11g R2, 11.2.0.x <i>Editions:</i> Enterprise, with Standard, Standard One includes RAC <i>Minimum version:</i> 11.2.0.1 + p9011590_112010 or 11.2.0.2 <i>Bit:</i> 32-Bit and 64-Bit	✓ See Notes	✓ See Notes

	Case Manager 5.0.x.x	Case Manager 5.1.x.x
SQL Server 2008, SPx <i>Editions:</i> Enterprise, Standard <i>Minimum version:</i> SP1 <i>Bit:</i> 32-Bit and 64-Bit		✓
SQL Server 2008 R2 <i>Editions:</i> Enterprise, Standard <i>Minimum Version:</i> Base <i>Bit:</i> 32-Bit and 64-Bit		✓
SQL Server 2012 <i>Editions:</i> Enterprise, Standard <i>Minimum Version:</i> Base <i>Bit:</i> 32-Bit and 64-Bit		✓

NOTES

- In general, advanced, proprietary technologies from the database vendors such as data encryption or partitioning technologies are not supported unless such support is specifically stated.

Database encryption technologies that work at a disk sector level however should be transparent to the P8 server engines. Examples of these types of solutions include IBM InfoSphere Guardium Encryption Expert, Oracle Tablespace Encryption, and Vormetric Database Encryption Expert. IBM ECM products do not qualify or support these technologies themselves, but we do tolerate P8 databases running in an environment where a transparent disk sector encryption technology has been deployed.

- 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 P8 system with which the widgets are associated can use any supported database as per the preceding tables.
- As long as the database is remote, it can run on any operating system irrespective of what the P8 servers are running constrained only by the limitations noted further along in this Notes section.
- Business Space does not support Oracle Exadata, therefore this version of Oracle cannot be used with Case Manager 5.0 or 5.1.x.

CPIT/CMPIT

- For platform support for the Composite Platform Installation Tool (CPIT) and Case Manager Platform Installation Tool (CMPIT), review the requirements in this section: [Single Server Installation Tools](#).
- The IBM FileNet Composite Platform Installation Tool (CPIT) installs DB2 9.5 Fix pack 1.

Case Manager

The following information does not necessarily apply to all the databases used in the Case Manager environment. Refer to the Information Center topic “FileNet P8 high availability technical overview” for additional information:

<http://pic.dhe.ibm.com/infocenter/p8docs/v5r1m0/index.jsp?topic=%2Fcom.ibm.p8toc.doc%2Finstallingha.htm>

Case Manager supports the following highly available database configurations:

- DB2 active/passive configurations.
- DB2 pureScale (active/active) configuration except for the Business Space database used with Case Manager.
- Oracle active/passive configurations.
- Oracle RAC (active/active) configuration; however, the Business Space database used with Case Manager supports connections to a single Oracle RAC node only.
- Microsoft SQL Server active/passive configurations.

For more information on the Business Space database used with Case Manager, refer to the Information center for IBM Business Space 7.5.1

http://pic.dhe.ibm.com/infocenter/dmndhelp/v7r5m1/index.jsp?topic=%2Fcom.ibm.wbpm.bspace.ic.main.doc%2Fbspace_welcome.html

DB2

- DB2 has additional operating system requirements that exceed the P8 minimums. See <http://www-01.ibm.com/support/docview.wss?uid=swg21165448> for the recommended levels for AIX.
- WebSphere 7, fix pack 13 is the minimum fix pack level required when using DB2 and WebSphere together for Content Engine 5.x. Refer to the following APAR for details and platform information:

<http://www-01.ibm.com/support/docview.wss?uid=swg1PM10447>

- CFS-CMOD and CFS-IS do not support remote DB2 on z/OS.
- Remote DB2 pureScale with CFS-ICI is only supported with WebSphere 7.0.
- Remote DB2 for z/OS with Content Engine is supported with a minimum version of WebSphere 7.0.0.15 (fix pack 15 for WebSphere) and with WebSphere 8.0.

When using Process Engine 5.0.x with 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.

- For non-Case Manager environments DB2 9.7.0.2 and 9.7.0.3 are currently not recommended for use with P8 Content Manager (including Content Engine and Business Process Manager). DB2 9.7.0.2 might cause Object Store creation to fail intermittently. DB2 9.7.0.0, 9.7.0.1, or 9.7.0.4 and higher are recommended instead. See technote <http://www-01.ibm.com/support/docview.wss?rs=0&uid=swg21446494> for details.
- For Case Manager 5.0.x.x environments DB2 9.7.0.2 and DB2 9.7.0.3 are currently not supported. DB2 9.7.0.0 and 9.7.0.1 are supported in addition to DB2 9.7.0.4 or higher.
- For Case Manager 5.1.x.x environments DB2 9.7.0.4 or higher are supported.
- Content Engine supports the "Row Compression" feature of the DB2 Storage Optimization capability available in DB2 9.7, for compression of Content Engine tables. For details, refer to the database performance tuning topics in the IBM FileNet P8 Version 5.1 Information Center.
- 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.

Oracle

- Oracle on z/OS is not currently supported. Oracle on zLinux is supported as long as Oracle supports it.
- To use Oracle 11g R2 (11.2.x) with P8 5.x, you must apply Oracle one-off fix ID p9011590_112010 or patch set for 11.2.0.2.
- For Oracle 11g R2 see the technote, <http://www-01.ibm.com/support/docview.wss?uid=swg21449921>.
- WebSphere 6.1.0.17 (and earlier versions) adds a custom property at data source creation time that causes benign exceptions in the log.
- P8 supports the Oracle Advanced Security Functionality of secure data transfer across network protocol boundaries for Content Engine and Process Engine.
- Support for Oracle databases with WebSphere 7.0.0.15 requires WebSphere iFix 7.0.0.15-WS-WAS-IFPM34365.pak. Support for Oracle databases with WebSphere 7.0.0.17 requires WebSphere iFix 7.0.0.17-WS-WAS-IFPM34365.pak. See the technote:
<http://www-01.ibm.com/support/docview.wss?uid=swg24029891>
- Support for Oracle RAC with Process Engine is limited to two Oracle RAC nodes.
- Oracle RAC is not supported with the CFS-ICI exporter database.
- Case Manager 5.0.x.x is supported on Oracle RAC 11g R2 with a Lotus Mashups workaround. See technote <http://publib.boulder.ibm.com/infocenter/casemgmt/v5r0m0/index.jsp?topic=/com.ibm.casemgmt.installing.doc/acmpi035.htm> for more information.
- Business Process Framework Explorer only supports 32-bit Oracle client for Oracle databases.
- On 64-bit Windows 2008, Rendition Engine 5.x when configured with Oracle requires the 32-bit Oracle client.

- If the Rendition Engine database is on Oracle 11g R2 RAC, you must
 - Install Fix Pack 5.1.0.1-P8CE-FP001 or higher
 - Specify the FileNet.properties (or JVM) parameter "Publishing.OracleJDBCServiceFormat=true"
 - Specify an Oracle Service Name in the Database Name field and an Oracle SCAN name in the Database Server Name field during the configuration step "Configuring Rendition Engine connections on Content Engine".

SQL Server

Case Analyzer 5.0 local or remote database requirements include any of the following:

- Microsoft SQL Server 2008 Analysis Services
- Microsoft SQL Server 2008 R2 Analysis Services
- Microsoft SQL Server 2012 Analysis Services
- Microsoft SQL Server 2012 R2 Analysis Services

JDBC drivers

P8 products support the following minimum JDBC drivers and higher unless noted as exceptions below.

	JDBC driver, minimum versions
DB2 Universal Database v9.5 FPx for Linux, UNIX, and Windows <i>Minimum version: v9.5 FP1</i>	IBM Universal 3.51.90 or 3.57.110 See Notes
DB2 Universal Database v9.7 FPx for Linux, UNIX, and Windows	IBM Data Server Client 3.58.82 IBM Data Server Client 4.8.87 for P8 CE 5.x only
Db2 pureScale 9.8 FPx <i>Minimum version: FP3</i>	IBM Universal 3.61.75
DB2 Universal Database v10.1 FPx for Linux, UNIX, and Windows	IBM Universal 3.63.123 or 4.13.127 IBM Data Server Driver for JDBC and SQLJ 4.13.127 See Notes
DB2 v9 for z/OS	IBM Universal 3.50.152
DB2 v10 for z/OS <i>Minimum version: v10, PUT 1104, z/OS 1.12</i>	IBM Universal 3.50.152
Oracle 11g R1, 11.1.0.7.x	Oracle 11.1.0.7.0
Oracle 11g R2, 11.2.0.x	Oracle 11.2.0.1.0 See Notes
SQL Server 2008, SPx for Windows 2008	Microsoft 2.0.1803.100 for JDBC 2.0.x Microsoft 3.0.1301.101 for JDBC 3.0.x
SQL Server 2008, SPx for Windows 2008 R2	Microsoft 2.0.1803.100 for JDBC 2.0.x Microsoft 3.0.1301.101 for JDBC 3.0.x
SQL Server 2012, SPx for Windows	Microsoft 4.0.2206.100 for JDBC 4.0.x

NOTES

- The JDBC driver levels for DB2 for Linux, UNIX and Windows databases are the minimum required levels. Newer versions of these drivers may be available with new DB2 fix packs. See <http://www-01.ibm.com/support/docview.wss?uid=swg21363866> for more details.

Restrictions

- For DB 10.1 FP3, the JDBC drivers 3.65.97 and 4.15.100 are not supported.
- For DB2 10.5 FP2, the JDBC Drivers 3.67.26 and 4.17.28 are not supported.

In both cases, the support is not available because the following error occurs when creating a P8 domain:

The database access failed with the following error: ErrorCode -4,203, Message '[jcc][t4][2041][11392][4.15.100] Error executing XAResource.start(). Server returned XAER_PROTO. ERRORCODE=-4203, SQLSTATE=null' SQL: ""SELECT 1 FROM FNGCD for update with RS""

- Process Engine 5.0.0.x uses bundled JDBC drivers that are installed and set during the Process Engine installation.
- To support Microsoft JDBC drivers for SQL server and a newer version than ojdbc14.jar for Oracle refer to this technote <http://www.ibm.com/support/docview.wss?uid=swg21470456>
- Oracle JDBC driver 11.2.0.x for Oracle 11g R2 require patch p10232230_112020_Generic.zip to be installed on top of 11.2.0.2 JDBC. When the 11.2.0.3 JDBC driver is available, the patch is no longer needed, and 11.2.0.3 can be used instead of the 11.2.0.x driver.

Business Process Framework

- Business Process Framework Operations use the same JDBC drivers as P8 except that only the jTDS driver can be used for BPF Operations if the Business Process Framework Metastore database is SQL Server. Download the latest jtids-1.x.y.jar.

Directory servers

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

Requirements

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

	P8 Platform support
CA Directory r12 <i>Minimum version: Sp1</i>	✓ See Notes
IBM Tivoli Directory Server 6.2 <i>Minimum version: Base</i>	✓ See Notes
IBM Tivoli Directory Server 6.3 <i>Minimum version: Base</i>	✓ See Notes
IBM Tivoli Directory Server 6.3 on z/OS version V1 R13	✓ See Notes
Novell eDirectory 8.7.3 <i>Minimum version: Base</i>	✓ (Encryption of short name is not supported) See Notes
Novell eDirectory 8.8.x <i>Minimum version: Base</i>	✓ (Encryption of short name is not supported) See Notes
Sun Java Directory Server 5.2 <i>Minimum version: Sp3</i>	✓
Sun Java Directory Server 6.x <i>Minimum version: 6.3</i>	✓ See Notes

	P8 Platform support
Oracle Directory Server Enterprise Edition 11g (formally Sun Java Directory Server 7.x) <i>Minimum version: 11g R1</i>	✓ See Notes
Oracle Internet Directory 10g <i>Minimum version: 10.1.4.0.1</i>	✓ See Notes
Oracle Internet Directory 11g <i>Minimum version: Base</i>	✓ See Notes
Microsoft Windows Server 2003 Active Directory <i>Minimum version: Base</i>	✓ See Notes
Microsoft Windows Server 2003 Active Directory Lightweight Directory Services (ADAM) <i>Minimum version: Base</i>	✓ See Notes
Microsoft Windows Server 2008 SPx Active Directory <i>Minimum version: SP1</i>	✓ See Notes
Microsoft Windows Server 2008 SPx Active Directory Lightweight Directory Services <i>Minimum version: Base</i>	✓ See Notes
Microsoft Windows Server 2008 R2 SPx Active Directory <i>Minimum version: Base</i>	✓ See Notes
Microsoft Windows Server 2008 R2 SPx Active Directory Lightweight Directory Services <i>Minimum version: Base</i>	✓ See Notes

NOTES

- For platform support for the Composite Platform Installation Tool (CPIT) version 5.x and Case Manager Platform Installation Tool (CMPIT) version 5.x, review the requirements in this section: [Single Server Installation Tools](#).
- Tivoli Directory Server (TDS) for z/OS is supported only with the Tivoli Directory server version supplied with z/OS V1 R13 and by Process Engine 5.0.0.x, Content Engine v5.1.0 and RM v451 & IER v5.1.0 and higher. The Directory Server implementation must be set up as a TDBM (db2-based) back end as opposed to LDBM (file system based) back end to work properly with P8. The P8 platform does not support the Tivoli Proxy Server.
- 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 higher, 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.
- P8 5.x supports nested groups in a Novell eDirectory environment (minimum eDirectory version of 8.8 SP3 (8.8.3) or higher).
- FileNet Services for Lotus Quickr supports all LDAP servers that P8 Content Engine supports.
- Refer to FileNet P8 Security for information on the configuration and use of the P8 User and Group short name properties. User and Group short name value requirements:
 - Must be unique across all configured realms.
 - An example of short name duplication issue and resolution:
 - If samAccountName or a similar attribute containing only the account name without fully qualify realm/domain information is configured as the user or group short name attribute, values like abc@xyz.mkt and abc@xyz.eng will lead to an identical P8 short name, 'abc', which violates the uniqueness requirement. This could be resolved by choosing a short name attribute with fully qualified values including the domain information (abc@xxx.zzz) or by limiting the configured realms/domains so that only 1 'abc' exists within configured realms.
 - Must be static, unchanged over time.
 - Must not be empty (or null), or contain either of the following special characters:
 - = equals
 - \ slash

- Refer to FileNet P8 Security for information on the configuration and use of the P8 User and Group Security Identifier (SID) properties. User and Group SID value requirements:
 - P8 5.x supports configuring the User and Group SID properties (LDAP attributes) upon initial directory configuration. Prior releases used fixed SID properties and do not support the configuration capability.
 - Must be unique across all configured realms.
 - Must be static, unchanged over time.
- Business Process Framework 4.1.0 does not support logging on via User Principal Name (UPN) or e-mail-like values.

EXCEPTIONS

- Business Process Framework (BPF) does not support CA Directory r12, Sun Java Directory Server v5.2, or Oracle Internet Directory. The minimum version to support Tivoli Directory Server v6.3 is 4.1.0.7-P8BPF-FP007. The minimum version to support Oracle Directory Server Enterprise edition v11G (Sun Java Directory Server 7.x) is 4.1.0.6-P8BPF-FP006.
- ECM Widgets 4.5.2 supports the following directory servers only:
 - Microsoft Windows Server 2008 Active Directory
 - Novell eDirectory 8.8
- ECM Widgets 4.5.2.1 supports only the following directory servers, which must be in a federated repository configuration in Lotus Mashup Center 2.0.0.2. The Federated repository is required for Mashup only. Business Space does not have this requirement. Refer to the topic, Configuring LDAP for Mashup Center, at the following URL for details:
http://publib.boulder.ibm.com/infocenter/mashhelp/v2/index.jsp?topic=/com.ibm.help.mashups.intro.doc/mash_intro_ldap.html
 - Microsoft Windows Server 2008 Active Directory
 - Microsoft Windows Server 2008 R2 Active Directory
 - Novell eDirectory 8.8
 - IBM Tivoli Directory Server 6.2 & 6.3
- Case Manager 5.0.x.x is only supported with
 - IBM Tivoli Directory Server 6.2 & 6.3
 - Microsoft Windows Server 2003 Active Directory

- Microsoft Windows Server 2008 SP1 Active Directory
- Microsoft Windows Server Windows 2008 R2 Active Directory
- Case Manager 5.1.x.x is only supported with
 - IBM Tivoli Directory Server 6.2 & 6.3
 - Microsoft Windows Server 2003 Active Directory
 - Microsoft Windows Server 2008 SP1 Active Directory
 - Microsoft Windows Server 2008 R2 Active Directory
 - Microsoft Windows Server 2008 R2 ADAM/LDS
 - Sun Java (Oracle) Directory Server 6.3 & 7
 - Novell eDirectory 8.8.x
 - Oracle Internet Directory 11g

Single sign-on

The following table represents 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 P8-supported application server and SSO vendor.

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 P8 planning information for any version-specific requirements.

	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 and 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		WebSEAL 5.1	WebSEAL v6.0.x	WebSEAL 6.1.x	N/A	N/A
WebSphere Application Server 6.1.0.x <i>Editions:</i> Base Express Network Deployment <i>Minimum version:</i> 6.1.0.17 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓		✓	✓	✓	✓	✓
WebSphere Application Server 7.0.0.x <i>Editions:</i> Base Express Network Deployment <i>Minimum version:</i> 7.0.0.9 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ See Notes	✓ See Notes			✓ See Notes	✓	✓ See Notes
WebSphere Application Server 8.0.0.x <i>Editions:</i> Base Express Network Deployment <i>Minimum version:</i> N/A <i>Bit:</i> 32-Bit and 64-Bit deployments							✓ Minimums: P8AE 4.0.2.13 1.1.5.1-WPXT-FP001, No SharePoint web parts 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 and 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		WebSEAL 5.1	WebSEAL v6.0.x	WebSEAL 6.1.x	N/A	N/A
WebSphere Application Server 8.5.0.x <i>Editions:</i> Base Express Network Deployment <i>Minimum version:</i> N/A <i>Bit:</i> 32-Bit and 64-Bit deployments							
WebLogic Server 10g (10.3.0) <i>Editions:</i> Server Premium Server Advantage Express Basic Express Premium <i>Minimum version:</i> 10.3.0 <i>Bit:</i> 32-Bit and 64-Bit deployments	✓ See Notes	✓ See Notes				✓ See Notes	✓
Oracle WebLogic Server 11g R1 (10.3.2/10.3.3) <i>Editions:</i> Server Premium Server Advantage Express Basic Express Premium <i>Minimum version:</i> 11g R1 (10.3.2) <i>Bit:</i> 32-Bit and 64-Bit deployments						✓	✓ Minimum Oracle WebLogic Server 11g R1 (10.3.3)
Oracle WebLogic Server 11g R1 (10.3.4) <i>Editions:</i> Server Premium Server Advantage Express Basic Express Premium <i>Minimum version:</i> 11g R1 (10.3.4) <i>Bit:</i> 32-Bit and 64-Bit deployments						✓	✓

	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 and 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		WebSEAL 5.1	WebSEAL v6.0.x	WebSEAL 6.1.x	N/A	N/A
Oracle WebLogic Server 11g R1 (10.3.5) <i>Editions:</i> Server Premium Server Advantage Express Basic Express Premium <i>Minimum version:</i> 11g R1 (10.3.5) <i>Bit:</i> 32-Bit and 64-Bit deployments							
Oracle WebLogic Server 12c <i>Editions:</i> Server Premium Server Advantage Express Basic Express Premium <i>Minimum version:</i> t.b.d. <i>Bit:</i> 32-Bit and 64-Bit deployments							
JBoss Application Server 4.3.x <i>Edition:</i> Enterprise Application Platform <i>Minimum version:</i> 4.3.0 <i>Bit:</i> 32-Bit and 64-Bit deployments						✓ See Notes	
JBoss Application Server 5.0.x <i>Edition:</i> Open Source Edition <i>Minimum version:</i> 5.0.1 <i>Bit:</i> 32-Bit and 64-Bit deployments							
JBoss Application Server 5.1.x <i>Edition:</i> Enterprise Application Platform <i>Minimum version:</i> 5.1.0 <i>Bit:</i> 32-Bit and 64-Bit deployments							
JBoss Application Server 5.1.x <i>Edition:</i> Open Source Edition <i>Minimum version:</i> 5.1.0 <i>Bit:</i> 32-Bit and 64-Bit deployments							

	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 and 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		WebSEAL 5.1	WebSEAL v6.0.x	WebSEAL 6.1.x	N/A	N/A
JBoss Application Server 6.0 <i>Edition: Open Source Edition</i> <i>Minimum version: N/A</i> <i>Bit: N/A</i>							
JBoss Application Server 7.0 <i>Edition: Open Source Edition</i> <i>Minimum version: N/A</i> <i>Bit: N/A</i>							

NOTES

WebSphere

- 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 SiteMinder 6.0 for WebSphere 6.1.0.x only. Minimum requirement: Application Engine 4.0.2-001 and BPF-4.1.0-005.
- Workplace XT support for TAM 6.1 and WebSphere 7 now includes File Tracker, but Workplace XT Application Integration and Workplace XT WebDAV are not supported in this configuration.

WebLogic

SSO support with SiteMinder 6.0 Sp5 with WebLogic 10.3.x is for Application Engine, Infosphere Enterprise Records, and Business Process Manager only. Workplace XT, Business Process Framework and IBM FileNet Services for Lotus Quickr do not support SiteMinder 6 with WebLogic 10.3.x.

JBoss

When using JBoss with Kerberos, for JVM 1.6, only versions up to 1.6.0_20 are supported.

SiteMinder

- Workplace XT requires SP5 or higher for CA Single Sign-On / eTrust SiteMinder 6.0 support.
- Workplace XT support for SiteMinder includes File Tracker, 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 SiteMinder 6.0 for WebSphere 6.1.0.x only. Minimum requirement: Application Engine 4.0.2-001 and BPF-4.1.0-005.
- Application Engine support for CA Single Sign-On SiteMinder 6.0 and r12 does not include Application Integration, File Tracker, ISRA integration or WebDav.
- FileNet Integration for Microsoft Office does not support SSO with SiteMinder
- When configuring an environment with SiteMinder, configure the system to use the fully qualified domain name and ensure that the application server is also configured to use the fully qualified domain name.
- Support for SiteMinder SSO with ICM is for SiteMinder r12 only.
- Support for SiteMinder SSO with ICM requires 5.1.0.1-ICM-iFix002. Refer to this technote for configuration: <http://www.ibm.com/support/docview.wss?uid=swg27024932>

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.
- With Content Engine 5.1.0 Business Process Framework 4.1.0 supports SSO for Tivoli Access Manager 6.1.1 for WebSphere 7.0.0.9. Minimum requirement: Application Engine 4.0.2.7-P8AE-FP007 and BPF-4.1.0-005.
- Workplace XT support for TAM 6.1 and WebSphere 7 includes File Tracker but Workplace XT Application Integration, and Workplace XT WebDAV are not supported in this configuration.
- FileNet Integration for Microsoft Office does not support SSO with Tivoli Access Manager
- Application Engine support for TAM 6.1 does not include Application Integration, File Tracker, ISRA integration or WebDav.
- Support for TAM SSO with ICM requires 5.1.0.1-ICM-iFix002. Refer to this technote for configuration: <http://www.ibm.com/support/docview.wss?uid=swg21599394>

WebSEAL

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”.

However, if the use-http-only-cookies parameter is set to “yes”, the Workplace and Workplace XT java applets fail to load. This is because in an SSO configuration when Cross-site scripting prevention is enabled the SSO-related cookies are no longer available to the P8 applets for re-establishing the SSO session with the Application Engine.

SSO Exceptions

- SiteMinder and Tivoli Access Manager do not support Content Engine Web Service API clients, .NET API clients, or thick Java applications.
- For additional information on configuring SSO for Workplace XT, see technote 7020549
https://www-304.ibm.com/support/docview.wss?dc=DA440&rs=0&uid=swg27020549&context=SSCQTWP&cs=utf-8&lang=&loc=en_US
- 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 (Jiglua). The Process Engine Web Services API should be used instead.
 - BPM Process Orchestration
 - Rendition Engine 5.x
 - ECM Widgets 4.5.2.x
 - Case Manager versions less than 5.1.0.1 iFix002 support SSO only via Kerberos SPNEGO. See the section titled: SPNEGO-based authentication
 - Content Engine Web Upgrade Tool 5.x
 - Administrative Console for Content Engine 5.x
- SharePoint supports SSO only via Kerberos SPNEGO. See the section titled: [P8 Content Engine Web Service support for Kerberos](#).

- The following applications do not support the Tivoli Access Manager or SiteMinder SSO solution. 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 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

Content Engine Web Service support for Kerberos

- Content Engine Web Service clients, Enterprise Manager and Content Engine 5.x .NET API clients support SSO through Kerberos with Windows integrated logon using Active Directory.
- Browser-based clients or JAVA API clients do not support Content Engine Web Service SSO Kerberos authentication.

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 support applies only to Workplace XT 1.1.4.
 - Workplace XT File Tracker
 - Workplace XT WebDAV supports SSO through Kerberos/SPNEGO environments with Windows integrated logon using Active Directory. Except for with Websphere 8 where WebDAV is not yet supported.
 - FileNet Integration for Microsoft Office supports SSO through Kerberos environments with Windows Integrated logon using Active Directory.
- 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 through Kerberos/SPNEGO.
- 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.
- Workplace XT and Application Engine do not support UPN with Kerberos on WebLogic 10.3.x at this time.
 - The login module for WebLogic truncates the Workplace XT or Workplace AE user ID to shortname, which causes a login failure.
 - Workplace XT or Workplace AE running on WebLogic 10g 10.3.0 works when configured either for UPN **or** for Kerberos SSO.
- IBM FileNet Records Manager 4.5.0 does not support Kerberos/SPNEGO but IBM InfoSphere Enterprise Records 4.5.1 and higher does.
- ECM Widgets 4.5.2.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.
- With Content Engine 5.1.0, 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 4.0.2.7-P8AE-FP007 and BPF-4.1.0-005. For Websphere 7.0.0.9, the minimum requirement is 4.0.2.10-P8AE-FP010 and BPF4.1.0-006.
- The minimum IBM Case Manager level required to support Kerberos / SPNEGO is 5.1.0.1-ICM-IF001.

Client requirements

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

Browser support

P8 clients will support the browsers specified below on the client operating systems only as indicated in the 'Client operating systems' section below. Support is indicated by a check mark.

Content Manager

Other table links: [Business Process Manager, Case Manager, and Other Products](#)

	Content Manager									
	AE/ Workplace 4.0.2	WPXT/File Tracker and Viewer 1.1.4	WPXT /File Tracker and Viewer 1.1.5	Java Applets (BPM, Search, & Publish Designers, Process & Simulation Applets)	File Tracker AE 4.0.2.x	Viewer AE 4.0.2.x	ACCE 5.x	CFS 5.x	CWE 5.x	FDM 5.x Reports
Windows Operating Systems										
Internet Explorer 7.x <i>Bit: 32-Bit Only</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓ See Notes
Internet Explorer 8.x <i>Bit: 32-Bit Only</i>	✓	✓ Min 1.1.4.2-WPXT- FP002 See Notes	✓	✓	✓	✓	✓	✓	✓	✓ See Notes

	Content Manager									
	AE/ Workplace 4.0.2	WPXT/File Tracker and Viewer 1.1.4	WPXT /File Tracker and Viewer 1.1.5	Java Applets (BPM, Search, & Publish Designers, Process & Simulation Applets)	File Tracker AE 4.0.2.x	Viewer AE 4.0.2.x	ACCE 5.x	CFS 5.x	CWE 5.x	FDM 5.x Reports
Internet Explorer 9.x <i>Bit: 32-Bit Only</i>	✓ Min 4.0.2.12- P8AE- FP012		✓ 1.1.5.1-WPXT- FP001	✓ Min. 5.0.0.3- P8PE-FP003	✓ Min 4.0.2.12-P8AE- FP012	✓ AE only Min 4.0.2.12-P8AE- FP012		✓	✓ Min CWE 5.1.0	✓ Min: FDM 5.1.0
Internet Explorer 10.x <i>Bit: 32-Bit Only</i>	✓ Min 4.0.2.13- P8AE- FP013		✓ 1.1.5.2-WPXT- FP002		✓ Min 4.0.2.13-P8AE- FP013	✓ Min 4.0.2.13-P8AE- FP013		✓		
Internet Explorer 11.x <i>Bit: 32-Bit Only</i>	✓ Min 4.0.2.14- P8AE- FP014		✓ 1.1.5.2-WPXT- FP002	✓ Min. 5.0.0.8- P8PE-FP008	✓ Min 4.0.2.14-P8AE- FP014	✓ Min 4.0.2.14-P8AE- FP014		✓ Min 5.1.0.2- P8CFS- FP002		✓ Min. 5.1.0.5- P8CE-FP005
Mozilla Firefox 3.5.x <i>Bit: 32-Bit Only</i>	✓	✓ Min 1.1.4.2-WPXT- FP002 & Firefox 3.5.2		✓		✓	✓	✓	✓ See Notes	✓
Mozilla Firefox 3.6.x <i>Bit: 32-Bit Only</i>	✓ 4.0.2.7- P8AE- FP007	✓ Min 1.1.4.2-WPXT- FP002	✓	✓		✓	✓	✓	✓ See Notes	✓
Mozilla Firefox 4.0.x <i>Bit: 32-Bit Only</i>		✓	✓	✓ Min. 5.0.0.2- P8PE-FP002				✓	✓ Min CWE 5.1.0	✓ Min: FDM 5.1.0

	Content Manager									
	AE/ Workplace 4.0.2	WPXT/File Tracker and Viewer 1.1.4	WPXT /File Tracker and Viewer 1.1.5	Java Applets (BPM, Search, & Publish Designers, Process & Simulation Applets)	File Tracker AE 4.0.2.x	Viewer AE 4.0.2.x	ACCE 5.x	CFS 5.x	CWE 5.x	FDM 5.x Reports
Mozilla Firefox 5.0 <i>Bit: 32-Bit Only</i>		✓	✓	✓ Min. 5.0.0.2- P8PE-FP002						
Mozilla Firefox 6.0 <i>Bit: 32-Bit Only</i>		✓	✓	✓ Min. 5.0.0.2- P8PE-FP002						
Mozilla Firefox 7.0 <i>Bit: 32-Bit Only</i>	✓ Min AE 4.0.2.12			✓ Min. 5.0.0.3- P8PE-FP003	✓ Min AE 4.0.2.12	✓ Min AE 4.0.2.12				
Mozilla Firefox 8.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 9.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 10.0 ESR <i>Bit: 32-Bit Only</i>	✓ Min 4.0.2.13- P8AE- FP013	✓ Min 1.1.4.12-WPXT- FP012	✓ Min 1.1.5.1- WPXT-FP001	✓ Min. 5.0.0.3- P8PE-FP003	✓ Min 4.0.2.13- P8AE-FP013	✓ Min 4.0.2.13- P8AE-FP013		✓ Min 5.1.0.2- CFS- FP002		
Mozilla Firefox 17.0 ESR <i>Bit: 32-Bit Only</i>	✓ 4.0.2.14- P8AE- FP014		✓ Min. 1.1.5.2- WPXT- FP002							

	Content Manager									
	AE/ Workplace 4.0.2	WPXT/File Tracker and Viewer 1.1.4	WPXT /File Tracker and Viewer 1.1.5	Java Applets (BPM, Search, & Publish Designers, Process & Simulation Applets)	File Tracker AE 4.0.2.x	Viewer AE 4.0.2.x	ACCE 5.x	CFS 5.x	CWE 5.x	FDM 5.x Reports
Mozilla Firefox 24.0 ESR <i>Bit: 32-Bit Only</i>	✓ 4.0.2.14- P8AE- FP014		✓ Min. 1.1.5.2- WPXT- FP002			✓ 4.0.2.14-P8AE- FP014				
Mozilla FireFox 31.0 ESR <i>Bit: 32-Bit Only</i>	✓ 4.0.2.14- P8AE- FP014		✓ Min. 1.1.5.2- WPXT- FP002			✓ 4.0.2.14-P8AE- FP014				
Mac OS x Operating System										
Mozilla Firefox 3.5.x <i>Bit: 32-Bit Only</i>	✓					✓ AE only				
Mozilla Firefox 3.6.x <i>Bit: 32-Bit Only</i>	✓ Min AE 4.0.2.7					✓ AE only				
Mozilla Firefox 4.0.x <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 5.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 6.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 7.0 <i>Bit: 32-Bit Only</i>										

	Content Manager									
	AE/ Workplace 4.0.2	WPXT/File Tracker and Viewer 1.1.4	WPXT /File Tracker and Viewer 1.1.5	Java Applets (BPM, Search, & Publish Designers, Process & Simulation Applets)	File Tracker AE 4.0.2.x	Viewer AE 4.0.2.x	ACCE 5.x	CFS 5.x	CWE 5.x	FDM 5.x Reports
Mozilla Firefox 8.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 9.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 10.0 ESR <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 17.0 ESR <i>Bit: 32-Bit Only</i>	✓ 4.0.2.14- P8AE- FP014		✓ Min. 1.1.5.2- WPXT- FP002			✓ 4.0.2.14-P8AE- FP014				
Mozilla Firefox 24.0 ESR <i>Bit: 32-Bit Only</i>	✓ 4.0.2.14- P8AE- FP014		✓ Min. 1.1.5.2- WPXT- FP002			✓ 4.0.2.14-P8AE- FP014				
Mozilla FireFox 31.0 ESR <i>Bit: 32-Bit Only</i>	✓ 4.0.2.14- P8AE- FP014		✓ Min. 1.1.5.2- WPXT- FP002			✓ 4.0.2.14-P8AE- FP014				
Safari 3.1.x <i>Bit: 32-Bit Only</i>	✓									
Safari 4.0.x <i>Bit: 32-Bit Only</i>	✓					✓ AE only				

	Content Manager									
	AE/ Workplace 4.0.2	WPXT/File Tracker and Viewer 1.1.4	WPXT /File Tracker and Viewer 1.1.5	Java Applets (BPM, Search, & Publish Designers, Process & Simulation Applets)	File Tracker AE 4.0.2.x	Viewer AE 4.0.2.x	ACCE 5.x	CFS 5.x	CWE 5.x	FDM 5.x Reports
Safari 5.0.x <i>Bit: 32-Bit Only</i>	✓ Min. 4.0.2.11- P8AE- FP011					✓ Min. 4.0.2.11- P8AE- FP011				
Other Operating Systems										
Mozilla Firefox 3.5.x <i>Bit: 32-Bit Only</i>							✓ See Notes	✓ See Notes		
Mozilla Firefox 3.6.x <i>Bit: 32-Bit Only</i>							✓ See Notes	✓ See Notes		
Mozilla Firefox 4.0.x <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 5.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 6.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 7.0 <i>Bit: 32-Bit Only</i>										

	Content Manager									
	AE/ Workplace 4.0.2	WPXT/File Tracker and Viewer 1.1.4	WPXT /File Tracker and Viewer 1.1.5	Java Applets (BPM, Search, & Publish Designers, Process & Simulation Applets)	File Tracker AE 4.0.2.x	Viewer AE 4.0.2.x	ACCE 5.x	CFS 5.x	CWE 5.x	FDM 5.x Reports
Mozilla Firefox 8.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 9.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 10.0 ESR <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 11.0 ESR <i>Bit: 32-Bit Only</i>										

Case Manager, Business Process Manager, and other products

Other table links: [Content Manager](#)

	Case Manager, Business Process Manager, and Other Products									
	BPF 4.1.0	WDGT 4.5.2.x	RM 4.5.0	IER 4.5.1	IER 5.1.x	eForms 4.0.2	SPC Web Parts 2.2.x	ICM 5.0	ICM 5.1	ICM 5.1.1
Windows Operating Systems										
Internet Explorer 7.x <i>Bit: 32-Bit Only</i>	✓ Min BPF-4.1.0-005	✓ Min 4.5.2.1	✓	✓	✓	✓	✓ Min SPC 2.2.1.0			

	Case Manager, Business Process Manager, and Other Products									
	BPF 4.1.0	WDGT 4.5.2.x	RM 4.5.0	IER 4.5.1	IER 5.1.x	eForms 4.0.2	SPC Web Parts 2.2.x	ICM 5.0	ICM 5.1	ICM 5.1.1
Internet Explorer 8.x <i>Bit: 32-Bit Only</i>	✓ Min BPF-4.1.0-005	✓ Min 4.5.2.1	✓	✓	✓	✓	✓ Min SPC 2.2.1.0	✓ See Notes	✓ See Notes	✓ See Notes
Internet Explorer 9.x <i>Bit: 32-Bit Only</i>	✓ Min BPF-4.1.0-007			✓	✓	✓	✓ Min SPC 2.2.2		✓ Case Manager & Case Builder Clients only Case Builder minimum 5.1.0.1- ICM-FP001 See Notes	✓ See Notes
Internet Explorer 10.x <i>Bit: 32-Bit Only</i>							✓ Min SPC 2.2.2			✓ Min 5.1.1.2- ICM-IF002 & Bspace 7.5.1.2 iFix 001 See Notes
Internet Explorer 11.x Compatibility Mode <i>Bit: 32-Bit Only</i>									✓ Min 5.1.0.3 & Bspace 7.5.1.2 iFix 001	✓ Min 5.1.1.3 & Bspace 7.5.1.2 iFix 001
Mozilla Firefox 3.5.x <i>Bit: 32-Bit Only</i>		✓ Min 4.5.2.1		✓	✓	✓	See Notes			

	Case Manager, Business Process Manager, and Other Products									
	BPF 4.1.0	WDGT 4.5.2.x	RM 4.5.0	IER 4.5.1	IER 5.1.x	eForms 4.0.2	SPC Web Parts 2.2.x	ICM 5.0	ICM 5.1	ICM 5.1.1
Mozilla Firefox 3.6.x <i>Bit: 32-Bit Only</i>		✓ Min 4.5.2.2 Min. Business Space 7.0.0.4 or higher		✓	✓	✓	See Notes	✓ See Notes	✓ See Notes	✓ See Notes
Mozilla Firefox 4.0.x <i>Bit: 32-Bit Only</i>				✓	✓	✓			✓ See Notes	✓ See Notes
Mozilla Firefox 5.0 <i>Bit: 32-Bit Only</i>				✓	✓				✓ Case Manager Client Only See Notes	✓ See Notes
Mozilla Firefox 6.0 <i>Bit: 32-Bit Only</i>				✓	✓				✓ Case Manager Client Only See Notes	✓ See Notes
Mozilla Firefox 7.0 <i>Bit: 32-Bit Only</i>									✓ Case Manager Client Only See Notes	✓ See Notes
Mozilla Firefox 8.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 9.0 <i>Bit: 32-Bit Only</i>										

	Case Manager, Business Process Manager, and Other Products									
	BPF 4.1.0	WDGT 4.5.2.x	RM 4.5.0	IER 4.5.1	IER 5.1.x	eForms 4.0.2	SPC Web Parts 2.2.x	ICM 5.0	ICM 5.1	ICM 5.1.1
Mozilla Firefox 10.0 <i>Bit: 32-Bit Only</i>				✓	✓	✓ Min. eForms P8eF-4.0.2-013			✓ Case Manager & Case Builder Clients only Minimum 5.1.0.1- ICM-FP001 See Notes	✓ See Notes
Mozilla Firefox 11.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox ESR 17.0 <i>Bit: 32-Bit Only</i>						✓ P8eF-4.0.2-015				✓
Mozilla Firefox ESR 24.0 Bit: 32-Bit Only						✓ P8eF-4.0.2-015				✓ 5.1.1.2-ICM-IF002
Mozilla Firefox ESR 31.0 <i>Bit: 32-Bit Only</i>						✓ P8eF-4.0.2-016				✓ 5.1.1.3
Mac OS x Operating Systems										
Mozilla Firefox 3.5.x <i>Bit: 32-Bit Only</i>						✓ AE only				
Mozilla Firefox 3.6.x <i>Bit: 32-Bit Only</i>						✓ AE only				
Mozilla Firefox 4.0.x <i>Bit: 32-Bit Only</i>										

	Case Manager, Business Process Manager, and Other Products									
	BPF 4.1.0	WDGT 4.5.2.x	RM 4.5.0	IER 4.5.1	IER 5.1.x	eForms 4.0.2	SPC Web Parts 2.2.x	ICM 5.0	ICM 5.1	ICM 5.1.1
Mozilla Firefox 5.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 6.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 7.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 8.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 9.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 10.0 <i>Bit: 32-Bit Only</i>										
Safari 3.1.x <i>Bit: 32-Bit Only</i>					✓ Min 5.1.0-IER- FP001	✓ AE only Min P8eF- 4.0.2-001				
<i>Safari 4.0.x</i> <i>Bit: 32-Bit Only</i>					✓ Min 5.1.0-IER- FP001	✓ AE only Min P8eF- 4.0.2-001				
Safari 5.0.x <i>Bit: 32-Bit Only</i>					✓ Min 5.1.1.0- IER	✓ AE only Min. P8eF-4.0.2- 001				
Other Operating Systems										

	Case Manager, Business Process Manager, and Other Products									
	BPF 4.1.0	WDGT 4.5.2.x	RM 4.5.0	IER 4.5.1	IER 5.1.x	eForms 4.0.2	SPC Web Parts 2.2.x	ICM 5.0	ICM 5.1	ICM 5.1.1
Mozilla Firefox 3.5.x <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 3.6.x <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 4.0.x <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 5.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 6.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 7.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 8.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 9.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 10.0 <i>Bit: 32-Bit Only</i>										
Mozilla Firefox 10.0 <i>Bit: 32-Bit Only</i>										

NOTES

- Internet Explorer Notes
 - ActiveX must be configured on Internet Explorer for Application Engine 4.0.2 File Tracker.
 - When Internet Explorer security setting is “High”, Business Process Framework 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.
 - 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.
 - Internet Explorer 8 compatibility view should not be configured for IBM ECM Widgets (WDGT) websites. Compatibility mode exists for support of older web sites.
 - Case Manager 5.x does not support Internet Explorer in compatibility mode.
 - The error "FNRPA0020E The current REST request cannot be processed because the required DesignObjectStore parameter is missing." is due to running Internet Explorer v8 8.0.7600.16385 when adding a solution using a converted non-English template. Using IE8 8.0.7601.17514 or later prevents the error.
 - Case Manager 5.1.x and IE8 supports integration with Lotus Sametime versions 8.5.1.x and 8.5.2.x.
 - Case Manager 5.1.x and IE9 supports integration with Lotus Sametime version 8.5.2.x. The minimum prerequisite for Case Manager 5.1.x release is 5.1.0.1-ICM-FP001 and the minimum version requirement for Lotus Sametime is 8.5.2.1.
 - For Case Manager 5.1.x.x, Internet Explorer 9 or supported versions of the Firefox browser are recommended over Internet Explorer 8 due to performance gains.
- Firefox Notes
 - The following are not supported for Firefox 3.x on Novell SUSE 10. Firefox 3.x requires additional libraries be compiled and installed onto SUSE 10, before Firefox will run. The Firefox requirements are identified at <http://www.mozilla.com/en-US/firefox/system-requirements.html>.
 - IBM Administrative Console for Content Engine (ACCE). ACCE is supported for Firefox 3.x on RedHat 5 and SUSE 11.
 - CFS for IBM Content Integrator (CFS-ICI). CFS-ICI is supported for Firefox 3.x on RedHat 5 and Windows.
 - 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.
 - Case Manager 5.1.x.x Case Client supports versions of 32-bit Firefox browser newer than those listed in the table above only on an as-is basis.

- For any issues on other versions, IBM does not warrant that all code defects will be corrected. IBM will issue defect correction information, a restriction, or a bypass to IBM products if the defect is also applicable to one of the Case Manager supported browser versions listed in the preceding table. That determination may require that the problem be recreated in a browser version listed in the above table by the client. If the problem does not occur or cannot be recreated in a supported browser version as noted in the table, it will not be considered an IBM product defect.
- Support for Firefox7 with Lotus Sametime Integration requires a minimum of 5.1.0.1-ICM-FP001 and Sametime 8.5.2.1.
- Other Notes
 - For FileNet Connector for Microsoft SharePoint (SPC) Web Parts, refer to the Microsoft SharePoint product system requirements for information on supported browser levels.
 - For Case Manager clients the following are minimum recommendations:
 - Browser screen resolution should be at least 1280 x 1024.
 - 3 GB memory.
 - Pentium 4 (or equivalent) processor

Client operating systems

As indicated in this section, P8 clients support the specified operating systems, except as noted.

Content Manager

Other table links: [Case Manager](#), [Business Process Manager and other products](#)

	Content Manager							
	AE/ Workplace 4.0.2	WPXT 1.1.4	WPXT 1.1.5	EM 5.x	CEBI 5.1	FDM 5.x	FIMO 1.1.5	ACCE 5.x
Microsoft Windows XP SPx <i>Editions:</i> Professional <i>Minimum version:</i> SP2 x86 <i>Bit:</i> 32-Bit deployment only	✓	✓	✓	✓		✓	✓	✓
Microsoft Windows Vista SPx <i>Editions:</i> Business <i>Minimum version:</i> Base x86 <i>Bit:</i> 32-Bit & 64-Bit deployments	✓ Min: Vista SP2	✓ Min Vista SP2	✓	✓		✓	✓ Min: Vista SP2	✓
Microsoft Windows 7 SPx <i>Editions:</i> Professional, Ultimate, and Enterprise <i>Minimum version:</i> Base x86 <i>Bit:</i> 32-Bit & 64-Bit deployments	✓	✓	✓	✓	✓	✓	✓	✓
Macintosh OS X 10.5 <i>Minimum version:</i> Base	✓							
Macintosh OS X 10.6 <i>Minimum version:</i> Base	✓							

	Content Manager							
	AE/ Workplace 4.0.2	WPXT 1.1.4	WPXT 1.1.5	EM 5.x	CEBI 5.1	FDM 5.x	FIMO 1.1.5	ACCE 5.x
Red Hat Enterprise Linux 5.x <i>Editions:</i> Desktop <i>Minimum version:</i> Base x86 <i>Bit:</i> 32-Bit & 64-Bit deployments								✓
Red Hat Linux 6 <i>Edition:</i> Desktop <i>Minimum version:</i> 6.0 x86 <i>Bit:</i> 64-Bit deployments								✓
Novell SUSE Linux Desktop 11 SPx <i>Edition:</i> Desktop <i>Minimum version:</i> Base x86 <i>Bit:</i> 32-Bit & 64-Bit deployments								✓

Case Manager, Business Process Manager, and other products

Other table links: [Content Manager](#)

	Case Manager		Business Process Manager and Other Products						
	ICM 5.0 and 5.1.0	ICM 5.1.1	CA Client 5.0	PE VC 4.0.1	BPF 4.1.0	WDGT 4.5.2.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 <i>Bit:</i> 32-Bit deployment only	✓ See Notes	✓ See Notes		✓	✓ Min: BPF-4.1.0-005	✓	✓	✓	✓
Microsoft Windows Vista SPx <i>Editions:</i> Business <i>Minimum version:</i> Base x86 <i>Bit:</i> 32-Bit & 64-Bit deployments			✓	✓	✓ Min: BPF-4.1.0-005 32-bit only	✓	✓	✓	✓
Microsoft Windows 7 SPx <i>Editions:</i> Professional, Ultimate, and Enterprise <i>Minimum version:</i> Base x86 <i>Bit:</i> 32-Bit & 64-Bit deployments	✓ See Notes	✓ See Notes	✓	✓	✓ Min: BPF-4.1.0-005 See Notes	✓ Min: 4.5.2.1 32-bit only	✓	✓	✓
Macintosh OS X 10.5 <i>Minimum version:</i> Base								✓ Min P8eF-4.0.2-001	
Macintosh OS X 10.6 <i>Minimum version:</i> Base								✓ Min P8eF-4.0.2-001	

	Case Manager		Business Process Manager and Other Products						
	ICM 5.0 and 5.1.0	ICM 5.1.1	CA Client 5.0	PE VC 4.0.1	BPF 4.1.0	WDGT 4.5.2.x	eForms Designer 5.0.3	eForms 4.0.2	SPC Web Parts 2.2.x
Red Hat Enterprise Linux 5 .x <i>Editions:</i> Desktop <i>Minimum version:</i> Base x86 <i>Bit:</i> 32-Bit & 64-Bit deployments									
Red Hat Linux 6 <i>Edition:</i> Desktop <i>Minimum version:</i> 6.0 x86 <i>Bit:</i> 64-Bit deployments									
Novell SUSE Linux Desktop 11 SPx <i>Edition:</i> Desktop <i>Minimum version:</i> Base x86 <i>Bit:</i> 32-Bit & 64-Bit deployments									

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.
- 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.
- For Enterprise Manager, .Net Framework 3.0 or later is the pre-requisite. WSE is no longer a pre-requisite with the use of WCF which in-built with .Net Framework 3.0 and it support HTTPS (SSL) connections only. If customers want to use HTTP connection, WSE 3.0 or later is also required.
Refer to the section "Importing the SSL certificate from Content Engine to the client workstation" at the following link for configuring SSL connections with WCF for Enterprise Manager <https://www-304.ibm.com/support/docview.wss?uid=swg21423925>.
- 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.
- To see the full support options for Enterprise Manager view the [Non-Java EE products and server operating system combinations section](#) of this document.

- 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 technote: 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
- For Case Manager clients the following are minimum recommendations:
 - Browser screen resolution should be at least 1280 x 1024
 - 3 GB memory
 - Pentium 4 (or equivalent) processor

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.
- When running Remote Desktop Connection with P8 5.x, IBM recommends usage of the physical console session.

Federal Desktop Core Configuration (FDCC) and United States Government Configuration Baseline (USGCB)

The tables in this section list the FDCC and USGCB client configurations that P8 clients support. Support is indicated by a check mark.

Tables in this section are arranged by:

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

Content Manager

Other table links: [Case Manager](#), [Business Process Manager and other products](#)

	Content Manager							
	AE Workplace 4.0.2	WPXT 1.1.4	WPXT 1.1.5	EM 5.x	CFS 5.x	FDM 5.x	FIMO 1.1.5	ACCE 5.x
Microsoft Windows XP SPx FDCC <i>Editions:</i> Professional <i>Minimum version:</i> SP2 <i>Bit:</i> x86, 32-Bit deployment only	✓	✓	✓	✓	✓	✓	✓	✓
Microsoft Windows Vista SPx FDCC <i>Editions:</i> Business, Enterprise <i>Minimum version:</i> Base <i>Bit:</i> x86, 32-Bit and 64-Bit deployments	✓	✓	✓	✓ 32-bit only	✓	✓	✓	✓
Microsoft Windows 7 SPx USGCB <i>Editions:</i> Professional, Ultimate, and Enterprise <i>Minimum version:</i> Base <i>Bit:</i> x86, 32-Bit and 64-Bit deployments	✓	✓	✓	✓	✓	✓	✓	✓

Case Manager

Other table links: [Content Manager](#), [Business Process Manager and other products](#)

	Case Manager 5.0 and 5.1.0	Case Manager 5.1.1
Microsoft Windows XP SPx FDCC <i>Editions:</i> Professional <i>Minimum version:</i> SP2 <i>Bit:</i> x86, 32-Bit deployments	✓	✓
Microsoft Windows Vista SPx FDCC <i>Editions:</i> Business, Enterprise <i>Minimum version:</i> Base <i>Bit:</i> x86, 32-Bit and 64-Bit deployments		
Microsoft Windows 7 SPx USGCB <i>Editions:</i> Professional, Ultimate, and Enterprise <i>Minimum version:</i> Base <i>Bit:</i> x86, 32-Bit and 64-Bit deployments	✓	✓

Business Process Manager and other products

Other table links: [Content Manager](#), [Case Manager](#)

	Business Process Manager					Other products				
	CA Client 5.0	PE VC 4.0.1	BPF 4.1.0	BPM Applets 5.0.0	WDGT 4.5.2.x	eForms Designer 5.0.3	eForms 4.0.2	SPC Web Parts 2.2.x	IER 4.5.1	IER 5.1.x
Microsoft Windows XP SPx FDCC <i>Editions:</i> Professional <i>Minimum version:</i> SP2 <i>Bit:</i> x86, 32-Bit deployments only	✓	✓	✓ Minimum BPF-4.1.0-005	✓	✓	✓	✓	✓	✓	✓

	Business Process Manager					Other products				
	CA Client 5.0	PE VC 4.0.1	BPF 4.1.0	BPM Applets 5.0.0	WDGT 4.5.2.x	eForms Designer 5.0.3	eForms 4.0.2	SPC Web Parts 2.2.x	IER 4.5.1	IER 5.1.x
Microsoft Windows Vista SPx FDCC <i>Editions:</i> Business, Enterprise <i>Minimum version:</i> Base <i>Bit:</i> x86, 32-Bit and 64-Bit deployments	✓	✓	✓ Minimum BPF 4.1.0-005 32-bit only	✓	✓	✓	✓	✓	✓	✓
Microsoft Windows 7 SPx USGCB <i>Editions:</i> Professional, Ultimate, and Enterprise <i>Minimum version:</i> Base <i>Bit:</i> x86, 32-Bit and 64-Bit deployments	✓	✓	✓ Minimum BPF 4.1.0-005 64-bit only	✓	✓	✓	✓	✓	✓	✓

NOTES

- For Internet Explorer (IE) 7 and 8, the Content Engine server URL must be listed in the Trusted Sites zone. FDCC security policies prevent clients from updating the Trusted Sites zone without administrative privileges.
- For Firefox 3.5.x and 3.6.x, the JRE must be enabled for the Mozilla family of browsers within the Java Control Panel. FDCC security policies can interfere with the ability to configure this setting without administrative privileges.

Client applications

	Content Manager							Business Process Manager		Other products	
	AE/Workplace 4.0.2		WPXT 1.1.4			WPXT 1.1.5		FIMO 1.1.5	CA Client 5.0	PE VC 4.0.1	SPC Web Parts 2.2.x
	Application Integration	WebDAV	Application Integration	Application Integration BCS	WebDAV XT 1.1.4	Application Integration	WebDav WPXT 1.1.5				
Microsoft Office 2003 SPx <i>Minimum version:</i> Base Operating systems: Windows XP and Windows Vista	✓ Minimum SP3	✓ Minimum SP3	✓ Minimum SP3		✓ Minimum SP3	✓ Minimum SP3	✓ Minimum SP3			✓	✓
Microsoft Office 2007 SPx <i>Minimum version:</i> SP2 Operating systems: Windows XP, Windows Vista, and Windows 7	✓	✓ Minimum 4.0.2.6-P8AE-FP006	✓	✓	✓ Minimum 1.1.4.6-WPXT-FP006 See Notes	✓	✓	✓	✓	✓	✓
Microsoft Office 2010 SPx <i>Minimum version:</i> Base <i>Bit:</i> 32-Bit and 64-Bit deployments Operating systems: Windows XP, Windows Vista, and Windows 7	✓ Minimum 4.0.2.9 32-bit only		✓ Minimum 1.1.4.8 32-bit only		✓ See Notes	✓ Minimum 1.1.5 32-bit only	✓ 32-bit only See Notes	✓ Minimum 1.1.5.2 32-bit only See Notes	✓ 32-bit only		✓ Min. 2.2.2.0
Microsoft Visio 2010 <i>Minimum version:</i> Base <i>Bit:</i> 32-Bit and 64-Bit deployments Operating systems: Windows XP, Windows Vista, and Windows 7										✓	
Microsoft Windows Explorer for XP SPx <i>Minimum version:</i> Base		✓ See Notes			✓ See Notes						

	Content Manager							Business Process Manager		Other products	
	AE/Workplace 4.0.2		WPXT 1.1.4			WPXT 1.1.5		FIMO 1.1.5	CA Client 5.0	PE VC 4.0.1	SPC Web Parts 2.2.x
	Application Integration	WebDAV	Application Integration	Application Integration BCS	WebDAV XT 1.1.4	Application Integration	WebDav WPXT 1.1.5				
Microsoft Windows Explorer for Vista SPx <i>Minimum version: Base</i>		✓ Minimum 4.0.2.6-P8AE-FP006 See Notes			✓ Minimum 1.1.4.6-WPXT-FP006 See Notes						
Microsoft Windows Explorer for Windows 7 SPx <i>Minimum version: Base</i>		✓ Minimum 4.0.2.6-P8AE-FP006 See Notes			✓ Minimum 1.1.4.6-WPXT-FP006 See Notes	✓ See Notes		✓			

NOTES

- Case Analyzer client (CAC) 5.0 also requires the following:
 - Case Analyzer Client (CAC) requires the Microsoft Query option to be installed for all versions of Excel. It is an option that gets installed during the Microsoft Office install.
 - Microsoft XML Core Services 6.1.
 - One of the following:
 - Microsoft SQL Server 2008 10.0 Analysis Services OLE DB Provider if you are using SQL Server 2008 or SQL Server 2008 R2.
 - Microsoft SQL Server 2012 11.0 Analysis Services OLE DB Provider if you are using, SQL Server 2012 or SQL Server 2012 R2.

- Application Integration BCS has the following additional requirements, which are installed by the BCS installer if not already present:
 - 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.
 - For Workplace XT 1.1.4
 - Microsoft Web Services Enhancements 3.0
 - Microsoft Visual Studio Tools for Office 3.0
 - Microsoft Office 2007 Primary Interop Assemblies
 - Windows Installer 3.1
- WebDAV for Application Engine and Workplace XT requires Microsoft hot fix KB841215 which must be installed (see <http://support.microsoft.com/kb/841215>).
- You cannot open Office2010 file types directly from a WebDAV server that supports only Basic authentication over a non-SSL connection. See technote: <http://support.microsoft.com/kb/2123563> for more information.
- FileNet Integration for Microsoft Office requires the following additional components. The FileNet Integration for Microsoft Office Installer installs these components if not already 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

- IBM FileNet Rendition Engine 5.x
 - Applications supported by the Rendition Engine are determined by an independent software vendor. For a list of supported applications, navigate to this path in the IBM FileNet P8 Information Center: **Working with documents > Publishing documents > Publishing Style Template Manager > Supported publishing MIME types.**
 - The recommended service packs for Microsoft Office are:
 - Microsoft Office 2003: Service Pack 3.
 - Microsoft Office 2007: Service Pack 3.
 - Microsoft Office 2010: Service Pack 1. Minimum requirement of 5.1.0.1-P8RE-FP001
- Office 2010 Support for FIMO, see technote 7020234 for further details regarding FIMO and Office 2010:
<http://g01zciwas003.ahe.pok.ibm.com/support/dcf/preview.wss?host=g01zcidbs003.ahe.pok.ibm.com&db=support/swg/swgdocs.nsf&unid=328D470E55A4393E852577D000635C7C&taxOC=SSNW2F&MD=2010/11/12%2012:11:19>
- Case Manager supports only the following WebDAV clients:
 - * JSCAPE AnyClient v4.5 on Windows 7 SP1
 - * SRT WebDrive v10.2 on Windows 7 SP1
- Other WebDAV clients including Windows 7 native WebDAV client may not work with Case Manager.

Client Java Runtime Environment (JRE)

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.

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

	AE/Workplace 4.0.2 Search & Publish Designers, Viewer	Workplace XT 1.1.4 Authoring, Search Designer, Image Viewer, Drag & Drop	Workplace XT 1.1.5 Authoring, Search Designer, Image Viewer, Drag & Drop	BPM Applets for AE & WPXT 1.1.4	BPM Applets WPXT 1.1.5	FDM 5.x	CE custom Stand- alone client applica- tions	ACCE 5.x	System Manager Custom Applica- tions 5.x
Sun JRE 1.5.0_11 (5.0) <i>Bit: 32-Bit Only</i>	✓	✓ See Notes					✓		✓
Sun JRE 1.5.0_12 (5.0) <i>Bit: 32-Bit Only</i>	✓	✓ See Notes					✓		✓
Sun JRE 1.6.0_14 (6.0) <i>Bit: 32-Bit Only</i>	✓ Min 4.0.2.5-P8AE- FP005	✓ Minimum 1.1.4.2-WPXT-FP002	✓	✓	✓		✓		✓
Sun JRE 1.6.0_17 (6.0) <i>Bit: 32-Bit Only</i>							✓	✓ See Notes	✓
Sun JRE 1.6.0_22 (6.0) <i>Bit: 32-Bit Only</i>							✓		✓
Sun JRE 1.6.0_24 (6.0) <i>Bit: 32-Bit Only</i>								✓ Min ACCE 5.1.0	
Sun JRE 1.6.0_25 (6.0) <i>Bit: 32-Bit Only</i>	✓ Min 4.0.2.12-P8AE- FP012 See Notes	✓ Min 1.1.4.12-WPXT-FP012 See Notes	✓ See Notes	✓ Min 5.0.0- P8PE-FP001 See Notes	✓		✓ Min. 5.1		✓

	AE/Workplace 4.0.2 Search & Publish Designers, Viewer	Workplace XT 1.1.4 Authoring, Search Designer, Image Viewer, Drag & Drop	Workplace XT 1.1.5 Authoring, Search Designer, Image Viewer, Drag & Drop	BPM Applets for AE & WPXT 1.1.4	BPM Applets WPXT 1.1.5	FDM 5.x	CE custom Stand- alone client applica- tions	ACCE 5.x	System Manager Custom Applica- tions 5.x
Sun JRE 1.6.0_29 (6.0) <i>Bit: 32-Bit Only</i>			✓ Min 1.1.5.1- WPXT-FP001 See Notes						
Sun JRE 1.6.0_30 (6.0) <i>Bit: 32-Bit Only</i>		✓ Min. 1.1.4.12. WPXT- FP012 See Notes	✓ Min 1.1.5.1- WPXT-FP001 See Notes						
Sun JRE 1.6.0_31 (6.0) <i>Bit: 32-Bit Only</i>	✓ Min. 4.0.2.13- P8AE-FP013	✓ Min. 1.1.4.12. WPXT- FP012 See Notes	✓ Min 1.1.5.1- WPXT-FP001 See Notes	✓ Min. 5.0.0.3- P8PE-FP003	✓ Min. 5.0.0.3- P8PE- FP003				
Sun JRE 1.6.0_35(6.0) <i>Bit: 32-Bit Only</i>	✓ Min. 4.0.2.13- P8AE-FP013	✓ Min. 1.1.4.12. WPXT- FP012	✓ Min 1.1.5.1- WPXT-FP001	✓ Min. 5.0.0.4- P8PE-FP004	✓ Min. 5.0.0.4- P8PE- FP004				
Sun JRE 1.6.0_38 <i>Bit: 32-Bit Only</i>	✓ Min. 4.0.2.13- P8AE-FP013		✓ Min 1.1.5.1- WPXT-FP001						
Sun JRE 1.7.0_1 (7.0) <i>Bit: 32-Bit Only</i>									
Sun JRE 1.7.0_2 (7.0) <i>Bit: 32-Bit Only</i>	✓ Min. 4.0.2.13- P8AE-FP013	✓ Min. 1.1.4.12. WPXT- FP012 See Notes	✓ Min 1.1.5.1- WPXT-FP001 See Notes	✓ Min. 5.0.0.3- P8PE-FP003	✓ Min. 5.0.0.3- P8PE- FP003				

	AE/Workplace 4.0.2 Search & Publish Designers, Viewer	Workplace XT 1.1.4 Authoring, Search Designer, Image Viewer, Drag & Drop	Workplace XT 1.1.5 Authoring, Search Designer, Image Viewer, Drag & Drop	BPM Applets for AE & WPXT 1.1.4	BPM Applets WPXT 1.1.5	FDM 5.x	CE custom Stand- alone client applica- tions	ACCE 5.x	System Manager Custom Applica- tions 5.x
Sun JRE 1.7.0_7 (7.0) <i>Bit: 32-Bit Only</i>	✓ Min. 4.0.2.13- P8AE-FP013	✓ Min. 1.1.4.12. WPXT- FP012	✓ Min 1.1.5.1- WPXT-FP001	✓ Min. 5.0.0.4- P8PE-FP004	✓ Min. 5.0.0.4- P8PE- FP004				
Sun JRE 1.7.0_11 <i>Bit: 32-Bit Only</i>	✓ Min. 4.0.2.13- P8AE-FP013		✓ Min 1.1.5.1- WPXT-FP001						
Oracle JRE 1.8.0_31 <i>Bit: 32-Bit Only</i>			✓ Min 1.1.5.2- WPXT-IF002		✓ Min. 5.0.0.8- P8PE- FP008				
IBM JRE 1.6.0_SR7 (6.0) <i>Bit: 32-Bit Only</i>						✓	✓	✓ See Notes	✓
IBM JRE 1.6.0_SR8 FP1 (6.0) <i>Bit: 32-Bit Only</i>									
IBM JRE 1.6.0_SR9 FP1 (6.0) <i>Bit: 32-Bit Only</i>					✓	✓ Min. FDM 5.1	✓ Minimum 5.1	✓ Min ACCE 5.1.0	✓
IBM JRE 1.6.0_SR10 (6.0) <i>Bit: 32-Bit Only</i>				✓ Min. 5.0.0.3- P8PE-FP003	✓ Min. 5.0.0.3- P8PE- FP003				

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 1.5.0_09 and 1.6.0_14 and higher in the Java 2 line are supported for custom application development and client-side runtimes. Client-side P8 CM JAR files are delivered with Java 1.5.0-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.
- Case Manager uses the JRE's supported by Workplace XT. Refer to the XT supported JRE's column.
- FileNet Deployment Manager 5.x supports the IBM JREs only.
- For Workplace XT 1.1.4.x and 1.1.5, a JRE is required to use the search designer, viewer, drag and drop, add, check in, check out, file tracker, and send mail capabilities.
- The Business Process Framework 4.1.0 Viewer support for client JREs has the same requirements as the P8AE Viewer.
- For customer applications using the Process Engine API, the JRE of version 1.5.0 or higher is supported.
- For ACCE, Sun JRE 1.6.0_17 (6.0) and IBM JRE 1.6.0_SR7 (6.0) are only supported with ACCE 5.0.
- For Sun JRE 1.6.0_25 and higher refer to the IBM Flash <https://www-304.ibm.com/support/docview.wss?uid=swg27023011> for more information regarding support.

Storage device support

For third-party components, the appropriate vendors' support documentation should be reviewed to assure functionality and support. Refer to the [IMPORTANT](#) note in the Introduction 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 experience performance problems. If threads are blocked waiting for I/O to complete, severe resource contention and poor performance can result.

Note also that the file system is required to be in read/write mode; file systems in write once, read many (WORM) mode are not supported as file storage areas.

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. IBM has not tested these claims. Although no specific integration effort may be required for the use of these technologies with P8 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 can 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

- P8 supports Magnetic Network Attached Storage (NAS) devices that enable access through the Network File System (NFS), or Common Internet File System (CIFS). However, NAS heads fronting Hierarchical Storage Management (HSM) systems are not supported.
- To ensure reliable operation and prevent possible corruption or loss of data, 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.
- Legacy Content Search Engine index collections must be located on a disk that is local to the Legacy 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 NFS, PCNFS or CIFS mounted collections.
- Hitachi Content Platform cannot be used as a CIFS or NFS mounted file system as the root directory for a file storage area or the staging directory of a fixed storage area. HCP is a WORM device that does not allow file rename operations which is required by both file storage areas and staging directories.

General Parallel File System (GPFS) support

- General Parallel File System (GPFS) 3.3 or later is now supported on Linux and AIX for file storage areas, fixed content staging areas, and content cache areas.
- File stores hosted on General Parallel File System (GPFS) file systems can be accessed directly if the Content Engine server is a member of the GPFS cluster or by mounting as a remote file system using NFS version 4.
- When Content Engine servers are accessing General Parallel File System (GPFS) file systems using the Network File System (NFS) protocol, NFS version 4 must be used. This is necessary because the Content Engine makes extensive use of file locking for content cache areas. The default file locking semantics on GPFS are not compatible with NFS version 3 or earlier.

Centera support

Content Engine 5.x can be configured to store content in EMC Centera Basic, Governance, and Compliance Edition Plus storage devices. For Content Engine 5.x, this capability is supported starting with a minimum of Centera SDK version 3.2.705 and includes all higher versions of CentraStar that are compatible with this version of the SDK. (See CentraStar and SDK Release and Interoperability Matrix <https://community.emc.com/docs/DOC-12049>.)

NOTES

- Support is limited to the functionality described in the 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](#).
- For HP-UX support, use the appropriate processor specific java type with matching Centera libraries. For Itanium processors, use the Itanium java with the Itanium Centera libraries. For PA-RISC processors, use the 32-bit PA-RISC Java with the 32-bit Centera libraries.

- AIX 6.1 TL6 introduced port randomization and timestamp reuse with APAR IZ73313 (TCP/IP Vulnerability Protection Phase 1). If you are running AIX 6.1 TL6 (and higher) or AIX 7.1, you might experience communication issues with Centera storage. If this issue occurs, open a ticket with IBM and request one of the following APARs:
 - For AIX 6.1 TL6 iFix: IV00329
 - For AIX 7.1 iFix: IV00755

The APAR installs a command line option to disable randomization of the timestamps on the AIX platform.

- Microsoft Visual C++ 2005 Service Pack 1 Redistributable Package MFC Security Update is a run time prerequisite. The SDK requires msvcr80.dll runtime library version 8.0.50727.6195. The package can be downloaded from <http://www.microsoft.com/en-us/download/details.aspx?id=26347>.

Network Appliance SnapLock support

Content Engine 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.

Support for Data ONTAP 8.1 is available with Content Engine 5.1 Fix Pack 2 and above.

NOTE

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

IBM System Storage DR550

Content Engine 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.x.

- Disk storage and basic tape storage is supported with the following caveats:
 - Tape storage support is limited to near-line media that can be readily and transparently mounted for content retrieval.
 - Offline tape is not supported.
 - Any form of end-user notification of an offline tape coming online is not supported.
 - Storage behind the DR550 on media such as optical, Centera, and SnapLock is not supported.
- For platform restrictions, see [Protected storage](#).
- Content Engine with Tivoli Storage Manager requires a minimum version of JRockit JDK v1.6.24 R28.1.3 on Oracle WebLogic Server 10g & 11g (10.3.0 to 10.3.4).

IBM Information Archive

Content Engine 5.x can be configured to store content in IBM Information Archive, using the customer-installable Tivoli Storage Manager Archive Client API version 5.5 or 6.x.

- Disk storage and basic tape storage is supported with the following caveats:
 - Tape storage support is limited to near-line media that can be readily and transparently mounted for content retrieval.
 - Offline tape is not supported.
 - Any form of end-user notification of an offline tape coming online is not supported.
 - Storage behind the IBM Information Archive on media such as optical, Centera, and SnapLock is not supported.
 - If installing the TSM client on a supported 64-bit operating system, be sure to install both 32-bit and 64-bit TSM client libraries to handle the case where Content Engine 5.0 may be running in a 32-bit JVM. Note that this may need to be manually selected with the custom installation, as 32-bit libraries are not selected by default when installing on a 64-bit operating system.
- 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 with Tivoli Storage Manager requires a minimum version of JRockit JDK v1.6.24 R28.1.3 on Oracle WebLogic Server 10g & 11g (10.3.0 to 10.3.4)
- For platform restrictions, see [Protected storage](#).

IBM Tivoli Storage Manager 6.1/6.2

Content Engine 5.x can be configured to store content in an IBM Tivoli Storage Manager server, version 6.1 or 6.2, using the customer-installable Tivoli Storage Manager Archive Client API version 5.5 or 6.x.

- Disk storage and basic tape storage is supported with the following caveats:
 - Tape storage support is limited to near-line media that can be readily and transparently mounted for content retrieval.
 - Offline tape is not supported.
 - No form of end-user notification of an offline tape coming online is supported.
- Storage behind the IBM Tivoli Storage Manager on media such as optical, Centera, and SnapLock is not supported.
- If installing the TSM client on a supported 64-bit operating system, be sure to install both 32-bit and 64-bit TSM client libraries to handle the case where Content Engine 5.x may be running in a 32-bit JVM. Note that this may need to be manually selected with the custom installation, as 32-bit libraries are not selected by default when installing on a 64-bit operating system.
- Content Engine with Tivoli Storage Manager requires a minimum version of JRockit JDK v1.6.24 R28.1.3 on Oracle WebLogic Server 10g & 11g (10.3.4 or earlier).
- For platform restrictions, see [Protected storage](#).

Hitachi Content Platform

- Content Engine 5.x supports Hitachi Content Platform 3.x and 4.x as a Fixed Content Device. Content Engine 5.1 adds support for Hitachi Content Platform 5.x. Support for Hitachi 6.x is available starting with Content Engine 5.1.0-004.
- Authenticated Hitachi Content Platform namespaces in either compliance or enterprise mode are supported.
- The default namespace is not supported. The Content Engine communicates with Hitachi Content Platform using the HTTP REST interface, and both HTTP and HTTPS (SSL) are supported. No separate client software is required to use Hitachi Content Platform as a Content Engine Fixed Content Device.
- Upgrade of Hitachi content from CE 3.5.x to 5.x is not supported.
- Hitachi Content Platform cannot be used as a CIFS or NFS mounted file system as the root directory for a file storage area or the staging directory of a fixed storage area. HCP is a WORM device that does not allow file rename operations which is required by both file storage areas and staging directories.

Protected storage

The following table indicates P8 support for protected storage devices. Support is indicated by a check mark.

	Centera SDK 3.2.705	Centera SDK 3.3	OnTap 7.2.x, 7.3.x & 8.1 7-mode / SnapLock API 1.5	IBM System Storage DR550 / IBM Information Archive / TSM Server 6.1, 6.2 / TSM Archive Client 5.5	IBM System Storage DR550 / IBM Information Archive / TSM Server 6.1, 6.2 / TSM Archive Client 6.x	Hitachi Content Platform 3.x / 4.x	Hitachi Content Platform 5.x & 6.x
IBM AIX 5.3 Minimum version: TL4 IBM POWER-based processors Bit: 64-Bit deployments only	✓	✓ Minimum 5.1.0.3-CE-FP003 See Notes	✓	✓ Minimum AIX version TL5	✓ Minimum AIX version TL5	✓	✓ Minimum P8 CE 5.1.0.0 for Hitachi 5.x x Minimum P8 CE 5.1.0.4 for Hitachi 6.x
IBM AIX 6.1 Minimum version: Base IBM POWER-based processors Bit: 64-Bit deployments only See Notes	✓	✓ Minimum 5.1.0.3-CE-FP003 See Notes	✓	✓	✓	✓	✓ Minimum P8 CE 5.1.0.0 Minimum P8 CE 5.1.0.4 for Hitachi 6.x
IBM AIX 7.1 Minimum version: 7100-01-02 IBM POWER-based processors, Bit: 64-Bit deployments only		✓ Minimum 5.1.0.3-CE-FP003 See Notes	✓		✓ Minimum TSM Client 6.1.4 or 6.2.2	✓	✓ Minimum P8 CE 5.1.0.0 Minimum P8 CE 5.1.0.4 for Hitachi 6.x
Microsoft Windows Server 2008 Editions: Standard, Enterprise, and Datacenter Minimum version: SP1 Bit: x86, 32-Bit and 64-Bit deployments	✓	✓ Minimum 5.1.0.4-CE-FP004 See Notes	✓	✓	✓	✓	✓ Minimum P8 CE 5.1.0.0 Minimum P8 CE 5.1.0.4 for Hitachi 6.x

	Centera SDK 3.2.705	Centera SDK 3.3	OnTap 7.2.x, 7.3.x & 8.1 7-mode / SnapLock API 1.5	IBM System Storage DR550 / IBM Information Archive / TSM Server 6.1, 6.2 / TSM Archive Client 5.5	IBM System Storage DR550 / IBM Information Archive / TSM Server 6.1, 6.2 / TSM Archive Client 6.x	Hitachi Content Platform 3.x / 4.x	Hitachi Content Platform 5.x & 6.x
Microsoft Windows Server 2008 R2 Editions: Standard, Enterprise, and Datacenter Minimum version:SP1 Bit: x86, 64-Bit deployments only		✓ Minimum 5.1.0.4-CE-FP004 See Notes	✓	✓ Minimum TSM Client 5.5.2.12	✓ Minimum TSM Client 6.1.2	✓	✓ Minimum P8 CE 5.1.0.0 Minimum P8 CE 5.1.0.4 for Hitachi 6.x
Sun Solaris 10 Minimum version: Base SPARC Bit: 64-Bit deployments only	✓	✓ Minimum 5.1.0.4-CE-FP004 See Notes	✓	✓	✓ Minimum Solaris 10 update	✓	✓ Minimum P8 CE 5.1.0.0 Minimum P8 CE 5.1.0.4 for Hitachi 6.x
Oracle Solaris 11 Minimum version: Base SPARC Bit: 64-Bit deployments only		✓ Minimum 5.1.0.4-CE-FP004 See Notes					
HP-UX 11i v2 Minimum version: Base PA-RISC and Itanium Bit: 64-Bit deployments only	✓ 32-bit PA- RISC or Itanium		✓	✓	✓ Itanium only	✓	✓ Minimum P8 CE 5.1.0.0 Minimum P8 CE 5.1.0.4 for Hitachi 6.x
HP-UX 11i v3 Minimum version: Base PA-RISC and Itanium Bit: 64-Bit deployments only		✓ PA-RISC or Itanium Minimum 5.1.0.4-CE-FP004	✓	✓	✓ Itanium only	✓	✓ Minimum P8 CE 5.1.0.0 Minimum P8 CE 5.1.0.4 for Hitachi 6.x

	Centera SDK 3.2.705	Centera SDK 3.3	OnTap 7.2.x, 7.3.x & 8.1 7-mode / SnapLock API 1.5	IBM System Storage DR550 / IBM Information Archive / TSM Server 6.1, 6.2 / TSM Archive Client 5.5	IBM System Storage DR550 / IBM Information Archive / TSM Server 6.1, 6.2 / TSM Archive Client 6.x	Hitachi Content Platform 3.x / 4.x	Hitachi Content Platform 5.x & 6.x
Red Hat Enterprise Linux 5.x Editions: Advanced Platform, Server Minimum version: 5.1 Bit: x86 32-Bit and 64-Bit deployments		✓ Minimum RHEL 5.7 Minimum 5.1.0.4-CE-FP004	✓	✓	✓	✓	✓ Minimum P8 CE 5.1.0.0 Minimum P8 CE 5.1.0.4 for Hitachi 6.x
Red Hat Enterprise Linux for System z version 5.x Editions: Advanced Platform, Server Minimum version: 5.1 System z 64-bit Bit: 64-Bit deployments only		Pending Vendor	✓	✓	✓	✓	✓ Minimum P8 CE 5.1.0.0 Minimum P8 CE 5.1.0.4 for Hitachi 6.x
Red Hat Enterprise Linux 6.x Minimum version: 6.0 Bit: x86, 64-bit deployments		✓ Minimum RHEL 6.1 Minimum 5.1.0.4-CE-FP004	✓		✓ Minimum TSM Client 6.2.2	✓	✓ Minimum P8 CE 5.1.0.0 Minimum P8 CE 5.1.0.4 for Hitachi 6.x
Red Hat Enterprise Linux 6.x Minimum version: 6.0 System Z 64-bit 64-bit deployments		Pending Vendor	✓		✓ Minimum TSM Client 6.2.2	✓	✓ Minimum P8 CE 5.1.0.0 Minimum P8 CE 5.1.0.4 for Hitachi 6.x
Novell SUSE Linux Enterprise Server 10 SPx Edition: SLES Minimum version: Base Bit: x86 32-Bit and 64-Bit deployments	✓	✓	✓	✓	✓ See Notes	✓	✓ Minimum P8 CE 5.1.0.0 Minimum P8 CE 5.1.0.4 for Hitachi 6.x

	Centera SDK 3.2.705	Centera SDK 3.3	OnTap 7.2.x, 7.3.x & 8.1 7-mode / SnapLock API 1.5	IBM System Storage DR550 / IBM Information Archive / TSM Server 6.1, 6.2 / TSM Archive Client 5.5	IBM System Storage DR550 / IBM Information Archive / TSM Server 6.1, 6.2 / TSM Archive Client 6.x	Hitachi Content Platform 3.x / 4.x	Hitachi Content Platform 5.x & 6.x
Novell SUSE Linux Enterprise Server for System z version 10 SPx Edition: SLES Minimum version: Base System z 64-bit Bit: 64-Bit deployments only		Pending Vendor	✓	✓	✓ See Notes	✓	✓ Minimum P8 CE 5.1.0.0 Minimum P8 CE 5.1.0.4 for Hitachi 6.x
Novell SUSE Linux Enterprise Server 11 SPx Edition: SLES Minimum version: Base Bit: x86 32-Bit and 64-Bit deployments		✓ Minimum SUSE 11 SP1 Minimum 5.1.0.4-CE-FP004	✓		✓ See Notes	✓	✓ Minimum P8 CE 5.1.0.0 Minimum P8 CE 5.1.0.4 for Hitachi 6.x
Novell SUSE Linux Enterprise Server for System z version 11 SPx Edition: SLES Minimum version: Base System z 64-bit Bit:64-Bit deployments only		Pending Vendor	✓		✓ See Notes	✓	✓ Minimum P8 CE 5.1.0.0 Minimum P8 CE 5.1.0.4 for Hitachi 6.x

NOTES

- For all P8 components that support AIX 6.1, the Power7 architecture is also supported.
- GPFS file system is not supported behind TSM 6.1 or 6.2 for the noted platforms.
- Novell SUSE Linux Enterprise Server 10 and 11 SPx, 64-bit requires the installation of the glibc-locale-32bit package if you run the client on a locale other than en_US or EN_US.

- Novell SUSE Linux Enterprise Server for System z version 10 and 11 SPx, 64-bit requires the installation of the glibc-locale-32bit package if you run the client on a locale other than en_US or EN_US.
- If you are running AIX 6.1 TL6 (and higher) or AIX 7.1 with Centera storage, you might experience communication issues. AIX 6.1 TL6 introduced port randomization and timestamp reuse with APAR IZ73313 (TCP/IP VULNERABILITY PROTECTION PHASE 1). If this issue occurs, open a ticket with IBM and request the following fix which installs a command line option to disable randomization of the timestamps on the AIX platform:
 - For AIX 6.1TL6 iFix IV00329
 - For AIX 7.1 iFix: IV00755

Development requirements

Content Engine APIs

- 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 can require suspected API problems to be reproduced with non-script calling code.
 - This applies to both functional and performance issues.
- The use of JavaScript for the pre/post import scripts associated with a CE AddOn is still supported.
- Individual applications (for example, Enterprise Manager, Deployment Manager) can support scripting tools in various languages, independent of this statement concerning scripting the CE APIs.
- The use of JavaScript for Content Engine action handlers is supported as of the 5.1.0 release. This includes the following types of handlers: Synchronous Events, Asynchronous Events, Document Lifecycle Actions, Document Classification Actions, and Change Pre-Processor Actions.

Content and Process APIs

- For EJB development, the 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 must run on both 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 1.5.x and later is supported.
 - JDK/JRE 1.6.x and later is supported.
 - JDK/JRE 1.7.x and later is supported by the Content Engine Java API. Support for this level of JRE/JDK is also available with Process Engine 5.0.0.3 and later.

- JDK/JRE 1.8.x and later is supported by the Content Engine Java API. Support for this level of JRE/JDK is also available with Process Engine 5.0.0.8 and later.

Note: WebSphere 8.5.5.9 and later can be deployed on Java 1.8. However, Content Engine only supports WebSphere 8.5.5 running Java 1.6 and Java 1.7.

- Content and Process APIs support JDKs/JREs that are Java logo certified. 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 GNU Compiler for the Java (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

Support is indicated by a check mark.

Development and Client Runtime Environment	Content Engine Web Services 3.5.0 Endpoint	Content Engine Web Services 4.0 Endpoint Used with CE 5.x	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		✓	✓
IBM Rational Application Developer for WebSphere Software v8			
IBM Rational Application Developer for WebSphere Software v8			
WebSphere Studio Application Developer 5.1			✓
Microsoft Visual Studio 2005 .NET Framework 2.0 or higher with WSE 3.0		✓	✓
Microsoft Visual Studio 2008 .NET Framework 2.0 or higher with WSE 3.0, .NET Framework 3.0 or higher with WCF		✓	✓
Microsoft Visual Studio 2010 .NET Framework 4.0 with WCF		✓	✓

NOTES

- Process Engine Java API utilization through the COM bridge (Jiglue) is not supported in SSO environments. The Process Engine Web Services API should be used instead.
- Content Engine 5.x implements the Content Engine Web Services 4.0 Endpoint.

Document standards

IBM FileNet Darwin Information Typing Architecture (DITA) Publishing uses the DITA Open Toolkit v1.5 to publish documents that are compliant with the DITA Language Specification v1.1. (Note that it does not support all DITA Language Specification v1.2 features, so you must publish documents per the v1.1 specifications.) See the “*Content Engine Development*” guides for further information.

Additional support statements

For third-party components, the appropriate vendors' support documentation should be reviewed to assure functionality and support. Refer to the [IMPORTANT](#) note in the Introduction for the IBM support statement for vendor products. Support is indicated by a check mark.

Citrix

P8 5.x with Citrix remote access products is supported with the following use-case exceptions:

- Installation of P8 software is not supported.
- Administration of Process Engine and process-related services is not supported.
- Case Manager 5.x with Citrix remote access products is only supported for accessing Case Builder or Case Client on a browser running on a Citrix Desktop.

IPv6

The tables in this section list IPv6 compliance. Support is indicated by a check mark.

Tables in this section are arranged by:

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

Content Manager

Other table links: [Case Manager](#), [Business Process Manager and other products](#)

	Content Manager									
	AE 4.0.2	CE 5.x	WPXT 1.1.4	WPXT 1.1.5	LCSE 5.0	CSS 5.x	CFS 5.x	RE 5.x	FNQS 1.1	FIMO 1.1.5
IPv6 compliant	✓	✓	✓	✓		✓	✓	Pending Vendor	✓	✓

Case Manager

Other table links: [Content Manager](#), [Business Process Manager and other products](#)

	Case Manager5.x
IPv6 compliant	✓

Business Process Manager and other products

Other table links: [Content Manager](#), [Case Manager](#)

	Business Process Manager					Other products			
	PE 5.0	CA 5.0	PS 5.0	BPF 4.1.0	WDGT 4.5.2.x	eForms 4.0.2	IER 4.5.1	IER 5.1.x	SP 2.2.x
IPv6 compliant	✓	✓	✓		✓	✓	✓	✓	✓

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 P8 IPv6 deployment, we recommend that you verify the IPv6 compatibility of each of the vendor's products in your environment.
- 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.

JAWS support

The tables in this section list JAWS support. Support is indicated by a check mark.

Tables in this section are arranged by:

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

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

Content Manager

Other table links: [Case Manager](#), [Business Process Manager and other products](#)

	Content Manager									
	FDM 5.x	CMUI 5.x	EM 5.x	AE 4.0.2	CFS 5.x	WPXT 1.1.4	WPXT 1.1.5	FNQS 1.1	FIMO 1.1.5	ACCE 5.x
JAWS 9.0	✓			✓		✓			✓	
JAWS 10.0		✓							✓	
JAWS 11.0	✓	✓			✓			✓		✓
JAWS 12.0	✓	✓	✓		✓		✓	✓		✓

Case Manager

Other table links: [Content Manager](#), [Business Process Manager and other products](#)

	Case Manager
	CMAC
JAWS 9.0	
JAWS 10.0	
JAWS 11.0	✓ 5.0.x.x Only
JAWS 12.0	✓ 5.1.x.x Only

Business Process Manager and other products

Other table links: [Content Manager](#) [Case Manager](#)

	Business Process Manager				Other products					
	Process Administrator 5.0	Process Configuration Console 5.0	BPF 4.1.0	WDGT 4.5.2.x	eForms 4.0.2	Desktop eForms 6.0	RM 4.5.0	IER 4.5.1	IER 5.1.x	SPC Web Parts 2.2.x
JAWS 9.0					✓		✓	✓		✓
JAWS 10.0										
JAWS 11.0									✓	
JAWS 12									✓ Minimum IER 5.1.1	✓ Minimum SPC 2.2.2.0

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, the P8 Platform provides an infrastructure that can be leveraged by any high availability technology.

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

- Process Engine 5.0.0.x supports WebSphere Edge Components Software Load Balancer 7.0 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.
- Load balancing is not supported between the Content Engine and the Content Search Services servers.
- Load balancing is not supported between the Content Engine and the Legacy Content Search Engine servers.

- 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 depends on 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 FileNet P8 High Availability Technical Overview in the P8 Information Center:
<http://pic.dhe.ibm.com/infocenter/p8docs/v5r1m0/index.jsp?topic=%2Fcom.ibm.p8toc.doc%2Finstallingha.htm>
- When reporting a software issue, you might be asked to reproduce the issue after temporarily disabling the load balancing technology.

IBM Case Manager

IBM Case Manager can achieve both Load balancing and failover by fronting the BSpace application instances with a hardware or software-based load-balancing solution. Typically this would be either IBM HTTP Server (IHS) or a hardware based device. Case Worker client connections require session persistence. This means that the load balancing mechanism must support session affinity or “sticky sessions”. This ensures that clients are always directed to the same BSpace instance resource initially chosen to receive the traffic.

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](#).

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

- Legacy Content Search Engine locales installation on UNIX requires a minimum version of 1.3 for gzip or the gunzip file compression utility.
- Legacy Content Search Engine locales installation on Windows requires the use of either WinZip or WinRAR. The native Windows extractor cannot be used.

WebSphere integration

	Business Process Manager
	PE 5.0.0.x
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 Services Registry Repository 6.2 Minimum version: base	✓
IBM Business Monitor 7.5.1 Minimum version: base	✓

Application deployment notes

Business Process Framework

- Consult the Business Process Framework 4.1.0 Release Notes item 796352 for information on installing BPF with P8AE-4.0.2.0, P8AE-4.0.2.1 or P8AE-4.0.2.2.
- Business Process Framework 4.1.0 runs on Content Engine 5.1.0, but this configuration is supported only as an upgrade. Before you upgrade to Content Engine 5.1.0, ensure that the supporting fix pack for Business Process Framework 4.1.0 is available.

Business Process Manager

- IBM Cognos Business Intelligence (BI) minimum supported release version 8.4.1.
- IBM Cognos Real Time Monitor (RTM) minimum supported release version 10.1.

Case Analyzer (CA)

IBM FileNet Case Analyzer (Case Analyzer or CA) is the new name for Process Analyzer (PA). You might see both names throughout the documentation as we transition to the new name.

Case Manager

To develop widgets with Case Manager, you must know how to use the following technologies:

- Dojo 1.6.1
- Extensible Markup Language (XML)
- HyperText Markup Language (HTML)
- iWidget 2.0 specification
- Java 2 Enterprise Edition (J2EE)
- JavaScript
- Representational State Transfer (REST)
- Eclipse

Minimum versions of IBM products that can be used with Case Manager are listed in the following table. Check the FileNet P8 Fix Pack Compatibility Matrices for updates on compatible fix packs: <https://www-304.ibm.com/support/docview.wss?rs=3278&uid=swg27014734>

	Case Manager		
	5.0	5.1	5.1.1
Business Space		7.5.1	7.5.1-iFix003 7.5.1.3-IF001 with 7.5.1.2-WS-BSPACE-IFJR51177, 7.5.1.2-WS-BSPACE-IFJR52393, and Case Manager 5.1.1.3
Case Analyzer		5.0.0.2-P8CA-FP002	5.0.0.2-P8CA-FP002
Cognos BI	8.4.1	8.4.1	8.4.1
Cognos RTM	10.1.0	10.1.0	10.1.1

	Case Manager		
	5.0	5.1	5.1.1
Content Analytics	2.2.0	2.2.0	2.2.0 3.0.0
Content Engine	5.0.0.0 5.1.0.0	5.1.0.0.-P8CE-IF001	5.1.0.0.-P8CE-IF001 & 5.2.0.2-P8CPE-FP002 (minimum Case Manager 5.1.1.1-IF001)
Content Navigator			2.0.0-IF001 or 2.0.0.1 (No other versions of ICN are supported with Case Manager 5.1.1.)
Content Search Service		5.1.0.0	5.1.0.0
eForms	4.0.2.8	4.0.2.12-P8eF-FP012	4.0.2.13-P8eF-FP013
IBM Business Process Manager Editions: Advanced, Standard		7.5.1	7.5.1 8.0.1 with Case Manager 5.1.1.3
IBM Content Manager Enterprise Edition		8.4.3	8.4.3.2
IBM Content Manager for z/OS		8.4.3.1 (minimum IBM Case Manager 5.1.0.1)	8.4.3.2
IBM Forms		4.0.0.2	4.0.0.2
IER		5,1	5.1
iLog Jrules		7.1.1	7.1.1
Lotus Mashups	3.0.0		
Lotus Sametime	8.5.1	8.5.1 8.5.2 8.5.2.1 (minimum 5.1.0.1-ICM 5.1-FP001)	8.5.2
Process Engine	5.0.0	5.0.0.2-P8PE-FP002	5.0.0.5-P8PE-FP005
Workplace XT	1.1.4.7	1.1.5.0	1.1.5.1-WPXT-IF001

Content Federation Services

CFS for IBM Content Integrator

CFS for IBM Content Integrator 5.x provides support for migration of content for previously federated versions, new versions, and entirely new version series from all supported source repositories.

The CFS environment must meet the requirements documented for ICI and in this guide for

- Operating system
- Java run time environment
- Application server

CFS for IBM Content Integrator 5.0

CFS for ICI 5.0 requires IBM Content Integrator (ICI) 8.5.1 and fix pack 2. Download ICI_851 Fix Pack 2 from:

<http://www-01.ibm.com/support/docview.wss?uid=swg24027633>

Refer to the following for the ICI 8.5.1 system requirements:

<http://www-01.ibm.com/support/docview.wss?rs=86&uid=swg27015930>

CFS for IBM Content Integrator 5.1

CFS for ICI 5.1 requires IBM Content Integrator (ICI) 8.6.

CFS for ICI 5.1.0.2 has been updated to support IBM Content Integrator (ICI) 8.6.0.2 Interim Fix 4.

Refer to the following link for the ICI 8.6 system requirements:

<http://www-01.ibm.com/support/docview.wss?rs=86&uid=swg27016931>

Supported source repositories with IBM Content Integrator

Image Services and CMOD federation do not require IBM Content Integrator.

P8

The version of the source repository must be equal to or earlier than the target repository. For example, P8 5.1.0 cannot be federated into P8 5.0.0.

The following versions of P8 are supported as source repositories:

- 4.0.1-010
- 4.5.1
- 5.0.0
- 5.1.0

There is a known issue in the WebSphere Application Client that causes record declaration to fail when a source connector is deployed on WebSphere v7.0.0.3 or v7.0.0.5. Apply iFix PK89634 to v7.0.0.3; or update with fix pack v7.0.0.7 or later.

For more information, see <http://www-01.ibm.com/support/docview.wss?uid=swg1PK89634>.

Content Services

The following versions of Content Services are supported as source repositories:

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

IBM Content Manager 8

The following versions of Content Manager are supported as source repositories:

- CM8 8.4.2.3 Multiplatform and z/OS
- CM8 8.4.3.x or later, multiplatform and z/OS

Workplace WPXT-1.1.4.2 and higher is required for viewing CM8 MODCA documents.

Livelihood

The following versions of Livelihood are supported as source repositories:

- Livelihood 9.6.x

- Livelink 9.7
- Livelink 9.7.1
- Livelink 10

[Contact IBM Technical support](#) for Livelink 9.5 support.

Documentum

The following versions of Documentum are supported as source repositories:

- Documentum 5.3 SP4
- Documentum 6.0.x
- Documentum 6.5.x
- Documentum 6.6
- Documentum 6.7

Supported source repositories for direct integration with Content Engine

Two repository types are supported via a direct integration for federation with Content Engine:

- Content Manager OnDemand
- Image Services

Content Manager OnDemand

Content Federation Services for Content Manager OnDemand federation does not require IBM Content Integrator.

The following versions of CMOD are supported as source repositories:

- 8.4.1.x multiplatform and z/OS
- 8.5.x multiplatform and z/OS
- 7.1 for i

NOTES

- Workplace XT 1.1.4.7 or higher is required for viewing all CMOD documents, including AFP and LineData documents.
- The levels of ODWEK and the OD server must be the same with the following exceptions:
 - CMOD 8.4.1 on z/OS requires OnDemand APAR PK86757 and ODWEK 8.4.1.1 or higher.
 - CMOD 8.5.0 server must have ODWEK 8.5.0.1 installed.
- ODWEK.8.4.1.x on Windows only supports 32-bit environments. If CMOD is running on Windows with ODWEK 8.4.1.x, the CE must be deployed to a 32-bit JVM.

Image Services

Content Federation Services for Image Services federation does not require IBM Content Integrator.

- Unidirectional federation is supported with the following versions of Image Services:
 - 4.2
 - 4.1.2
- Bi-directional federation is supported with Image Services 4.2 only.

CMIS for FileNet Content Manager

See the following technote for the hardware and software requirements for IBM Content Management Interoperability Services for FileNet Content Manager (IBM CMIS) Version 1.0:

<http://www.ibm.com/support/docview.wss?uid=swg27019859>

Content Search Services

For lists of the P8 components that can be used with Content Search Services, and the specific fix pack levels that are supported, refer to the FileNet P8 Fix Pack Compatibility Matrices which can be downloaded from the following URL:

<http://www-01.ibm.com/support/docview.wss?rs=3278&uid=swg27014734>

ECM Widgets

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 5.0.0, Content Engine 5.0.0, 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 5.0.0, Content Engine 5.0.0, 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.

ECM Widgets 4.5.2.3

Adds support for IBM Business Space 7.0.0.5.

eForms

P8 eForms 4.0.2 iSign(ink) feature adds support for specific vendor device software

- Interlink ePad signature software device driver version 6.22.
- Topaz gem series signature software device 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.

FileNet Deployment Manager

- IBM FileNet Deployment Manager 5.1.0 will convert data exported from a P8 5.1.0 object store for import into a P8 5.1.0 domain.
- A P8 4.5.1 or 5.0.0 domain must be upgraded to 5.1.0 prior to running FDM 5.1.0.
- PE 5.0.0.x is supported with FDM 5.1.0 and a CE 5.1.0 configuration.
- The IBM Reassign Object Store requires that both source and target object stores be the same version and has a minimum requirement of Content Engine 5.1.

IBM FileNet Services for Lotus Quickr

FileNet Services for Lotus Quickr 1.1 supports the P8 5.0 platform.

Legacy Content Search Engine (LCSE)

IBM Legacy Content Search Engine (LCSE) is the new name for Content Search Engine (CSE); you might see both names throughout the documentation as we transition to the new name.

Lotus Forms/IBM Forms

Lotus Forms/IBM Forms can be located and deployed on the same physical server as Workplace or Workplace XT, or on a standalone server.

	WPXT 1.1.4	WPXT 1.1.5	AE 4.0.2.x Minimum Version base	IBM Content Manager 5.1.x	IBM Content Manager 5.1.1
Lotus Forms 3.5.0	✓		✓		
Lotus Forms 3.5.1.x	✓		✓		
IBM Forms 4.0.0	✓	✓	✓	✓ Minimum ICM 5.1.0.2 FP002	✓

	WPXT 1.1.4	WPXT 1.1.5	AE 4.0.2.x Minimum Version base	IBM Content Manager 5.1.x	IBM Content Manager 5.1.1
IBM Forms 4.0.0.1	✓	✓	✓	✓ Minimum ICM 5.1.0.2 FP002	✓
IBM Forms 8.0.0				✓ Minimum ICM 5.1.0.2 FP002	✓

Records Manager and InfoSphere Enterprise Records

IBM Enterprise Records (IER) is the new name for IBM FileNet Records Manager (RM) and IBM InfoSphere Enterprise Records Manager (IER 4.5.1); you might see these names throughout the documentation as we transition to the new name. IBM InfoSphere Enterprise Records Manager is only used for the IER 4.5.1 release and associated fix packs.

- Records Manager 4.5.0 supports the P8 5.0 platform in an upgraded environment. Records Manager 4.5.0 must be installed and configured before upgrading the P8 platform to P8 5.0. New installations of Records Manager 4.5.0 are not supported on a P8 5.0 platform.
- IBM InfoSphere Enterprise Records 4.5.1 supports new installations to a P8 5.0 platform.
- IBM Enterprise Records 5.1 supports new installations to the P8 4.5.0, 4.5.1, 5.0, and 5.1 platforms.

Additional Note for WebLogic

To deploy Records Manager or IBM InfoSphere Enterprise Records with WebLogic 10.0.2 or higher and 9.2.3 to the latest 9.2.x, follow the workaround listed in the following technote: <http://www-01.ibm.com/support/docview.wss?uid=swg21453771>.

Records Manager / InfoSphere Enterprise Records / Enterprise Records and Crystal Reports

IBM FileNet Records Manager (RM), IBM InfoSphere Enterprise Records (IER 4.5.1) and IBM Enterprise Records (IER) use Crystal Reports and Crystal Reports Server to support reporting capability. The following table details the supported versions of Crystal Reports.

For information on integrating Crystal Reports XI with RM 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.

Support is indicated by a check mark.

RM/IER Versions	Crystal Reports Server/Crystal Reports (Designer)				Crystal Server/. Crystal Reports Designer
	XI R1 SP 2 + hotfix packs 1 & 2	2008	2008 V1 + SP 2	2008 V1 + SP 3	2011
RM 4.5.0	✓	✓ Min P8RM-4.5.0-003			
IER 4.5.1		✓	✓		
IER 5.1.0				✓	
IER 5.1.1				✓	✓

NOTES

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

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

IBM Content Search Services 5.x is only supported with SharePoint WebParts 2.2.2.

Product and 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 P8 be run in isolation of other P8 or third-party components. From an IBM perspective, exceptions to the aforementioned policy are listed below. For third-party components, review the appropriate vendor support documentation 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 is that when ECM Widgets 4.5.2.x 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 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 as your Application Engine 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. 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 can 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 that can be spread across multiple physical servers.
- If WebSphere Network Deployment (WAS ND) edition is used as the clustering technology, then other non-P8 applications can be deployed in the same ND deployment. However, if a non-P8 application requires an LDAP configuration that is different from the one needed by P8, then that non-P8 application cannot be in the same WAS ND installation as P8.

Legacy Content Search Engine

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

Content Search Services (CSS)

- Searching and index creation are resource-intensive operations. Assuming adequate system resources are available, the following collocation configurations apply for CSS. Before collocating, contact your IBM representative for system sizing assistance.
- Multiple instances of Content Search Services (CSS) can be collocated on the same server.
- While Content Search Services (CSS) servers can be collocated with the Legacy Content Search Engine (LCSE) it is not recommended to run in this configuration for production environments as you may experience resource contention for search and indexing operations.

Case Analyzer (CA)

- P8 does not support using a single Case Analyzer for both production and simulation activity, or storing both production data and simulation data in the same database.
- P8 does not support Collocating Process Simulator and Case Analyzer where Case Analyzer is used in a production context.
- Collocation of Process Simulator and Case Analyzer is supported where Case Analyzer is used in a simulation context.

Application Engine and Workplace XT

- Workplace XT with Application Engine can be installed on the same physical server; however, they cannot be installed in the same application server instance.
- Except for the following exceptions, do not collocate other applications with Workplace XT or Application Engine:
 - IBM Enterprise Records
 - eForms
 - Case Manager 5.1.x
 - In a Case Manager 5.2 development environment, Workplace XT and IBM Content Navigator can be collocated, but this is not a supported configuration in any other environment
- 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 Business Content Services (BCS) cannot be co-located with FileNet Enterprise Manager.
- Collocation of Application Integration Business Content Services (BCS) with Application Integration for Microsoft Office is not supported.

IBM FileNet Integration for Microsoft Office (FIMO)

- Collocation of FileNet Integration for Microsoft Office (FIMO) with Application Integration for Microsoft Office is not supported.
- FileNet Integration for Microsoft Office cannot be collocated with FileNet Enterprise Manager.

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.

ECM Widgets

- ECM Widgets 4.5.2.x and older can be used only in a P8 environment that uses WebSphere as the application server technology.
- ECM Widgets 4.5.2 supports both P8 and ECM CM8 environments. For more information, see the respective platform guide for specific requirements.
- ECM Widgets 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.
 - Minimum requirement of Process Engine 5.0.0, Content Engine 5.0.0, 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.
 - Minimum requirement for eForms of 4.0.2.6 and higher.
 - Minimum requirement for IBM InfoSphere Enterprise Records 4.5.1 and higher.
- ECM Widgets 4.5.2.3 adds support for
 - Business Space 7.0.0.5.
 - Deployment on Windows 2008 R2 64-bit.
 - Deployment on AIX 7.1 64-bit.

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 collocating 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 / IBM Enterprise Records

- Records Manager / InfoSphere Enterprise Records / 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.
- Records Manager / InfoSphere Enterprise Records / Enterprise Records web application can be used with either Application Engine or Workplace XT, but not both in the same Records Manager instance.
- The Records Manager / InfoSphere Enterprise Records / Enterprise Records web application can 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 / 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.
- The Records Manager / InfoSphere Enterprise Records / Enterprise Records web application cannot be collocated with Case Manager 5.0.x.x. Deployment errors will be encountered when deployed in the Lotus Mashup profile.
- The Records Manager / InfoSphere Enterprise Records / Enterprise Records web application can not be collocated with Case Manager 5.1.x.x. Errors maybe seen during deployment of ICM solutions. These include "class loading constraint violated" errors.

Single sign-on policy and reverse proxy servers

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

Single-server installation tools

Case Manager Platform Installation Tool (CMPIT)

- Case Manager Platform Installation Tool 5.0 (CMPIT) installs the following products on a single Red Hat Enterprise Linux (x86 64-bit) 5.4, Red Hat Enterprise Linux (x86 64-bit) 5.5, AIX 6.1 server or Windows 2008 R2 server 64-bit:
 - Tivoli Directory Server
 - IBM DB2
 - IBM Mashup Center (including WebSphere Application Server) for CMPIT 5.0
 - Content Engine
 - Process Engine
 - Workplace XT
 - Case Manager Builder and Case Manager Client
- Case Manager Platform Installation Tool 5.1 (CMPIT) installs the following products on a single Red Hat Enterprise Linux (x86 64-bit) 5.5, Red Hat Enterprise Linux (x86 64-bit) 5.6, AIX 6.1, AIX 7.1 server or Windows 2008 R2 server 64-bit:
 - Tivoli Directory Server
 - IBM DB2
 - IBM WebSphere Application Server
 - Content Engine
 - Process Engine
 - Workplace XT
 - Case Manager Builder and Case Manager Client (including IBM Installation Manager, and IBM Business Space)
- See the IBM Case Manager Platform Installation Tool Download Document (CMPIT 5.0 <http://www.ibm.com/support/docview.wss?uid=swg24028378>, CMPIT 5.1 <http://www.ibm.com/support/docview.wss?uid=swg24030632>) for specific information about what versions of software are supported for the IBM Case Manager Platform Installation Tool, and how to download the software.

The technote for version CMPIT 5.1 refers to DB2 9.7 FP4. However since that fix pack has been withdrawn by the DB2 team you may download and run the installer with DB2 9.7 FP5. For Windows only you must add the command 'db2start' to the ConfigP8DB2 script before calling P8DB2commands.bat. This is not required for AIX or RedHat installs.

- Ensure that on UNIX, /opt has at least 20 GB of free disk space.
- For AIX servers, ensure that /home and /tmp has at least 3 GB of free disk space.
- For AIX servers, ensure that an unzip program is installed on the operating system. For AIX, an unzip package can be downloaded at:
<http://www-03.ibm.com/systems/power/software/aix/linux/toolbox/ezinstall.html>.
- Ensure that the unzip and gunzip programs are available in the installation user's PATH variable.
- CMPIT is not currently supported on Red Hat 6.0.

- On Red Hat Enterprise Linux, the following packages are the minimum version required:
 - compat-libstdc++-33-3.2.3-61
 - compat-db-4.2.52-5.1
 - libXp-1.0.0-8
 - libXmu-1.0.2-5
 - libXtst-1.0.1-3.1
 - pam-0.99.6.2-3.26.el5
 - libXft-2.1.10-1.1
- For AIX servers, configure the network ports per Process Engine's requirements. For details, see Modifying /etc/rc.dt for AIX 6.1
<http://publib.boulder.ibm.com/infocenter/p8docs/v5r0m0/index.jsp?topic=/com.ibm.p8.planprepare.doc/p8ppi012.htm>
- On AIX, to use FTP to move installation images to the server, set `fszsize=-1` in file /etc/security/limits to enable FTP large file size. This is not required if you download the images from Passport Advantage or Fix Central.

IBM FileNet Composite Platform Installation Tool (CPIT)

- IBM FileNet Composite Platform Installation Tool 5.0 installs the following products on a Red Hat Enterprise Linux 5.4 (x86 64-bit), Red Hat Enterprise Linux 5.5 (x86 64-bit), AIX 6.1, or Windows 2008 R2 server 64-bit:
 - WebSphere Application Server
 - Tivoli Directory Server (including DB2)
 - Content Engine
 - Process Engine
 - Workplace XT

Refer to the following technote for information on using the 5.0 version of CPIT:

<http://www.ibm.com/support/docview.wss?uid=swg24028379>

- IBM FileNet Composite Platform Installation Tool version 5.1.0 installs the following products on a Red Hat Enterprise Linux 5.5 (x86 64-bit), Red Hat Enterprise Linux 5.6 (x86 64-bit), AIX 6.1, AIX 7.1 TL1 SP2 or Windows 2008 R2 server:
 - WebSphere Application Server
 - Tivoli Directory Server
 - IBM DB2
 - Content Engine
 - Process Engine
 - Workplace XT
 - IBM Content Navigator

Refer to the following tech note for information on using the 5.1 version of CPIT:

<http://www-01.ibm.com/support/docview.wss?uid=swg27028566>

- For Windows only you must add the command 'db2start' to the ConfigP8DB2 script before calling P8DB2commands.bat. This is not required for AIX or RedHat installs.
- Ensure that on UNIX, /opt has at least 20 GB of free disk space
- Windows C:\ needs at least 20GB of free disk space.

NOTES

AIX Notes

- If installing Process Engine 5.0.0.9 or later on AIX, the minimum supported operating system levels are:
 - AIX 7.1 TL3 (7100-03)
 - AIX 6.1 TL7 (6100-07)
- Ensure that /home and /tmp have at least 3 GB of free disk space.
- Ensure that the unzip and gunzip programs are available in the installation user's PATH variable. An unzip package can be downloaded from <http://www-03.ibm.com/systems/power/software/aix/linux/toolbox/ezinstall.html>
- Configure the network ports per Process Engine's requirements. For details, see Modifying /etc/rc.dt for AIX 5.3 and 6.1 at <http://publib.boulder.ibm.com/infocenter/p8docs/v5r0m0/index.jsp?topic=/com.ibm.p8.planprepare.doc/p8ppi012.htm>
- To use FTP to move installation images to the server, set fsize=-1 in file /etc/security/limits to enable FTP large file size. This is not required if you download the images from Passport Advantage or Fix Central.

Linux Notes

- CPIT 5.x is not currently supported on Red Hat 6.0.
- On Red Hat Enterprise Linux, the following packages are the minimum required versions:
 - compat-libstdc++-33-3.2.3-61
 - compat-db-4.2.52-5.1
 - libXp-1.0.0-8
 - libXmu-1.0.2-5
 - libXtst-1.0.1-3.1
 - pam-0.99.6.2-3.26.el5
 - libXft-2.1.10-1.1

Database collocation support

DB2

Content Engine, Process Engine, Image Services, and CFS for IBM Content Integrator can share the same database instance. Image Services requires a database separate from each Content Engine object store and Process Engine. Although an Object Store and Process Engine region can share a database, each Content Engine Object Store, Process Engine region pair should be located in their own distinct database.

Microsoft SQL Server

Content Engine, Process Engine, Image Services, and CFS for IBM Content Integrator can share the same database instance. Image Services requires a database separate from each Content Engine object store and Process Engine. Although an Object Store and Process Engine region can share a database, each Content Engine Object Store, Process Engine region pair must be located in their own distinct database.

Oracle

Content Engine, Process Engine, Image Services, and CFS for IBM Content Integrator can share the same database instance. Image Services requires a schema (Oracle user) and tablespaces separate from each Content Engine object store and Process Engine. Although an Object Store and Process Engine region can share a schema and tablespaces, each Content Engine Object Store, Process Engine region pair must be located in their own distinct schema.

Staged upgrades

If you are upgrading from P8 Platform version 4.5.0, 4.5.1 or 5.0.0 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.

Staged upgrades from P8 version 4.0.x are not supported.

For more information, see “Upgrade Overview” in the Plan and Prepare Your Environment for IBM FileNet P8 topic of the Information Center:

<http://publib.boulder.ibm.com/infocenter/p8docs/v5r1m0/index.jsp?topic=/com.ibm.p8toc.doc/ic-homepage.html>

Server virtualization technologies

Support statement

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

Additionally 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 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 P8 requirements, IBM supports deployments of all 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

LCSE 5.0 is not supported with Oracle VM Server for SPARC (previously called Sun Logical Domains, LDOM).

Support for operating system-based virtualization technologies

Support is indicated by a check mark.

For information on support for Hypervisor virtualization technologies such as VMWare and HyperV refer to the section above called [Support statement](#).

		Virtualization technology						
		AIX WPARS (non shared)	zVM 5.3	zVM 5.4	zVM 6.0	zVM 6.1	zVM 6.2	Solaris Virtualized Zones (non-Global)
Content Manager	AE 4.0.2.x	✓	✓	✓		✓		✓
	CE 5.x	✓	✓	✓		✓	✓	✓
	WPXT 1.1.4/ WPXT 1.1.5	✓	✓	✓		✓		✓
	LCSE 5.0.x	✓	✓	✓		✓		
	CSS 5.x		✓	✓		✓		
	CFS-ICI 5.x	✓ See Notes	✓	✓		✓		
	RE 5.x							
	System Dashboard for ECM 5.0	✓	✓	✓		✓		✓
	FNQS 1.x							
Case Manager	IBM Case Manager 5.x				✓	✓		
Business Process Manager	PE 5.0.0.x	✓ Shared & non-shared	✓	✓		✓	✓	✓ Global & Non Global
	CA 5.0							
	PS 5.0.x							
	BPF 4.1.0							
	WDGT 4.5.2.x							
Other products	eForms 4.0.2	✓	✓	✓		✓		✓

		Virtualization technology						Solaris Virtualized Zones (non-Global)
		AIX WPARS (non shared)	zVM 5.3	zVM 5.4	zVM 6.0	zVM 6.1	zVM 6.2	
	RM 4.5.0	Supported in IER 4.5.1.	Supported in IER 4.5.1					✓
	IER 4.5.1	✓	✓	✓		✓		✓
	IER 5.1	✓	✓	✓		✓		✓
	SP 2.2.x							

NOTES

To install ICI 8.5.1 on a dedicated WPAR for CFS 5.0, 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 installation disk space and application memory requirements. Disk space requirements are for 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. These application requirements are Operating System dependent. Your IBM representative has sizing and capacity planning tools to determine the appropriate hardware for your planned workload.

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 Process Framework and Documentation	650	250	1 GB per JVM See Notes
Business Process Framework Explorer	10	10	100 MB
CFS for IBM Content Integrator	320		2 GB
Case Analyzer	310		2 GB
Case Analyzer, client	135		128 MB
IBM Case Manager Case Manager Administration Client (CMAC)	1.2 GB	1 GB per JVM	256 MB
IBM Case Manager Client			3 GB
IBM Case Manager Platform Installation Tool (CMPIT)	20GB	3GB on Unix	6GB
IBM FileNet Composite Platform Installation Tool (CPIT)	20GB	3GB on Unix	4GB
Configuration Manager	35		60 MB
Content Engine	2 GB	2 GB	2 GB per JVM
Legacy Content Search Engine See Notes	7 GB	2 GB	2 GB
Legacy Content Search Engine locales	6 GB	5 GB	N/A
IBM Content Search Services	1 GB	500 MB	2 GB
Deployment Manager	40		
eForms	250		2 GB per JVM
FileNet Services For Lotus Quickr	500		1 GB per JVM See Notes
IBM Content Integrator	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 See Notes	3 GB	500 MB	3 GB See Notes
Process Simulator	508		2 GB

Component	Disk space (MB)	Temp space (MB)	Memory
Records Manager, InfoSphere Enterprise Records & Enterprise Records	367		1 GB per JVM
Records Manager, InfoSphere Enterprise Records & Enterprise Records documentation	18		
Rendition Engine	9 GB	2 GB	4 GB on 32-bit, 8 GB on 64-bit
SharePoint Document Libraries (remote installation/ not co-located with SharePoint)	500		2 GB
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
Command Line CE Upgrader Tool	25		2 GB
ECM Widgets	300		2 GB
Workplace XT	1.75 GB	350	1 GB per JVM

NOTES

Legacy Content Search Engine

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

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.

Content Search Services (CSS)

- At least one CPU per Content Search Server.
- The required space for the index collections will vary depending on the volume of content being indexed.

Process Engine

- The minimum disk space is a total of 3 GB. 1 GB for the “./ProcessEngine” directory and 2 GB for the “./ProcessEngine/data” directory.
- Process Engine requires at least 3 GB minimum: 2 GB + 1 GB per PE virtual server instance.

Revision table

Date	Description
June, 2017	Added limitation that Content Engine cannot be deployed on WebSphere 8.5.5 with JRE 1.8.
December, 2015	Added Internet Explorer 11 Compatibility Mode support for Case Manager
July, 2015	Updated operating system and JRE support levels for Process Engine 5.0.0.9 Added support for WAS 8.5.5
February, 2015	Updated CFS-ICI support information to add ICI 8.6.0.2 IF004, WAS 8.5.0, and FireFox 10
January, 2015	Added support for Internet Explorer 11, Firefox 17 ESR, Firefox 24 ESR, and FireFox 31 ESR
December 17, 2014	Clarified Hitachi 6.x support is available with starting with P8 CE 5.1.0.4
July 28, 2014	Noted support for AIX 7.1 with WAS 8.5 Clarified that the Component Manager uses a private, bundled JRE
July 10, 2014	Added eForms support for Firefox 17 ESR and Firefox 24 ESR. Added BPF support for SQL Server 2012. Added IE10 support for Workplace, Workplace XT and Case Manager
June 2014	Added Case Analyzer support for SQL Server 2012 Documented a JDK restriction for Solaris configurations that include Content Engine and Legacy Content Search Engine
April 2014	<p>General Updates Updates for Case Manager Updates for ECM Widgets Updates for BPF Updates for IER Updates for CSS</p> <p>Operating System Updates Added Windows 2008 R2 support for PE, CA, and PS</p> <p>Application Server Updates Added WebLogic 12cR1 (12.1.1) support Added support for WAS 8.5 with Content Engine 5.1 FP4</p> <p>Database Updates Add issue DB2 10.1 FP3 and JDBC drivers 3.65.97 and 4.15.100 Added a Business Space limitation with Oracle Exadata Updated database table to indicate CFS-ICI does not support Oracle RAC for the Exporter database Removed the note restricting CE support for remote DB2 on z/OS to WAS 6 and 7.</p> <p>Hardware Updates Added support for NetApp OnTap 8.1 7-mode Added support for Data ONTAP 8.1 effective with Content Engine-5.1 FP2 Add support for Hitachi Content Platform 6.x Added a qualification that Hitachi Content Platform cannot be used as CIFS or NFS storage Updated the CIFS and NFS-compatible storage devices section to remove reference to iSCSI and to add a requirement for file locking Marked Centera 3.2.705 on Windows 2008 R2 as "pending vendor"</p> <p>LDAP Updates Documented the eDirectory limitation with Server-Side Sorting (SSS)</p> <p>Java Updates Updated the note on Sun Java 7</p>

Date	Description
	<p>Updated Client Java Runtime table to include JRE 1.6.0_38 and JRE 1.7.0.11</p> <p>Miscellaneous Updates Updated the high availability references Updated CPIT technote references Updated IPv6 table to include IER 5.1.1 Updated collocation requirements for Workplace XT and Application Engine</p>
Nov. 2012	<p>General Update Added IER 5.1.1</p> <p>Operating Systems Updated operating system support for Case Manager 5.1.1 Added CFS minimum values for support for Oracle® Solaris 11 as 5.1.0.1-CFS-FP001 Added IBM Records Manager 5.1.1 client operating system requirements Updated RHEL GUI requirements</p> <p>Application Servers Added support for IER 5.1.1</p> <p>Database Requirements Clarified remote DB configuration Added support for DB2 v10 for zOS 1,13, Added support for D B2 v10.1 pureScale for CE and PE Corrected remote DB2 with z.OS and Websphere statement to refer to CE and not PE Removed Oracle Exadata limitation</p> <p>LDAP Documented non support for the Tivoli Proxy Server</p> <p>SSO Added support for WAS8 and AE and WPXT for SPNEGO Clarified the SiteMinder version for support with Case Manager is r12</p> <p>Browsers Added the Case Manager 5.1.1 recommendation to use IE9 or Firefox browsers over IE 8. Updated Case Manager 5.1.1 column to remove specific client limitations Added IER 5.1.1 support for Safari 5.0</p> <p>Client JRE Added support for JRE 1.6.0_35 for WPXT, AE and BPM Applets Added support for JRE 1.7.0_7 for AE, WPXT and BPM Applets</p> <p>Virtualization Added support for CE and PE for zVM6.2</p> <p>Misc Added WebDav client support for Case Manager v5 Removed the Sharepoint Document Libraries column in the table called IBM FileNet Connectors for Microsoft SharePoint. And included a note to refer to the IBM Content Collector information which is the replacement product. Clarified that CSS and LCSE do not support Load balancing Added recommendation not to co locate CSS and LCSE in production deployments</p>

Date	Description
	<p>Reworded SUN JVM limitation for encryption and re-located to the Operating system table for Java EE products</p> <p>Added limitation to co-location notes for IER and Case Manager 5.1.x</p> <p>Crystal Reports updates for IER 5.1.1</p> <p>Removed a conceptual topic regarding text extraction</p>
Sept. 2012	<p>Operating Systems</p> <p>Added library requirements for ICM 5.1.1 on AIX</p> <p>Added Oracle Solaris 11 Operating System Support</p> <p>Added Linux 32 bit limitation for Oracle Inside Out Text Extraction</p> <p>Clarified CSS and zLinux statement</p> <p>Added support for SUSE Linux v11 systemZ for Case Manager</p> <p>Added support for WebDav and WPXT 1.1.5 on Win7</p> <p>Application Servers</p> <p>Added ICM 5.1.1 WebSphere requirements</p> <p>Added support for WebLogic10.3.5 and WebLogic 10.3.6</p> <p>Added support for Java7</p> <p>Database Requirements</p> <p>Added support for DB2 v10.1 and SQL 2012 for CE, CFS and PE</p> <p>Corrected DB2 JDBC driver for v9.7 to IBM Universal 3.51.90</p> <p>LDAP</p> <p>Added support for TAM and SiteMinder SSO for ICM</p> <p>Browsers</p> <p>Added See Notes for ICM 5.1 supported entries</p> <p>Added eForms 4.0.1.13 support for Firefox 10</p> <p>Added IER support for Firefox versions 4,5,6 and 10</p> <p>Added Firefox 11 to the browser table: no support at this time</p> <p>Clarified Case Manager, Internet Explorer and Lotus Sametime Integration requirements</p> <p>Misc</p> <p>Added IBM Content Navigator to the Single Server Install</p> <p>Updated minimum space requirements for CPIT due to the added IBM Content Navigator install</p> <p>Updated PE 5.0 entries to read 5.0.0.x</p> <p>Added support for Hitachi v5.0</p> <p>Updated the private JRE for 5.0.0.4-P8PE-FP004</p> <p>Added Case Manager 5.1.1.0 release information in Application Deployment Notes</p>
June 2012	<p>General Updates</p> <p>Added a link to the IBM Content Navigator Hardware/Software requirements document</p> <p>Application Servers</p> <p>Added support for WebSphere 8</p> <p>Added table entries for WebSphere v8.5</p> <p>Added WAS ND requirement for Clustering</p> <p>Add support for WebLogic 10.3.5 for WPXT</p> <p>Removed AE restrictions for AIX 7 with WebLogic and JBoss</p> <p>Added a Technote link for a WebSphere security issue due to expiring plugin.key.kdb password</p>

Date	Description
	<p>Corrected a technote link for the Java JDK 6.0 SR9 topic</p> <p>Operating Systems Added library requirements for Red Hat Enterprise Linux v6.2 Moved Windows Remote Services section under Operating Systems Added ".x" for RHEL 6 supported versions of the operating system</p> <p>Database Requirements Added BPF support for Oracle 11g R2 RAC Clarified minimum requirement for RE and Oracle RAC support and added configuration details</p> <p>LDAP Added ICM support for SSO via Kerberos/SPNEGO</p> <p>Browsers Added Java Applets, BPM and ICM support for IE9 Remove XT from heading for Viewer as is only an AE support statement. Add Viewer and FileTracker to WPXT columns for 1.1.4 and 1.1.5 Added BPM support for Firefox 4, 5 and 6 Added AE, BPM and ICM support for Firefox 7 Added ICM, BPM and AE support for Firefox 10 Added AE viewer support for Safari v5.0 Added missing word "newer" to Case Manager browser support statement</p> <p>JRE Added support for SUN JRE 1.6.0_31 and 1.7.0_2 and IBM JRE 6.0 SR10 for BPM Added support for SUN JRE 1.6.0_31 and 1.7.0_2 for WPXT</p> <p>Storage Removed CentraStar 2.0 from Storage table—replaced with link to Centera Support site in notes Added support for RHEL v6 x86 and zLinux and AIX7.1 for Hitachi v3 and v4.</p> <p>Misc Added Case Manager support for IBM Content Manager on z/OS Added Case Manager support for Sametime 8.5.2.1 Changed browser table to refer to Mac OS x and not Macintosh Noted that SharePoint Document Libraries Connector 2.2.x has been replaced by ICC IBM Flash link for JBoss updated Added IBM Enterprise Records 5.1 support for Crystal Reports Designer 2008 v1 Added ICM load balancer support statement Add FIMO support for Content Search Services Added Rendition Engine support for Microsoft Office 2010 with 5.1.0.1-P8RE-FP001 Added PE support for Visio Connector 2010</p>
Feb 2012	<p>General Updates Split Browser table into Content Manager and Other products Re-organized the notes following the non JavaEE operating system table Removed the CECSSTE column in the non JavaEE operating system table and replaced with a paragraph explaining the intersection of Operating system support for Test Extraction and Content Engine Update term "runtime" for ICM to be Case Manager Client and updated Case Builder to be Case Manager Builder Style and Formatting changes for consistency</p>

Date	Description
	<p>Alphabetized Legend and added missing terms (CMIS, PO and PEWS) Added Notes sections to the Table of Contents Updated the CFS-ICI section for readability</p> <p>Application Servers Added statement clarifying JBoss EAP support for certified vrs compatible operating systems Added WPXT information about WebLogic and the IBM JDK Added ECM Widgets 4.5.2.2 requirements</p> <p>Operating Systems Clarify CE 5.0 and CSS support for zLinux Added BPF support for AIX 7.1 and RHEL 6 Added clarification for ICC support with CSS—clarified unsupported platforms Added clarification for Windows only server install for Crystal Reports support for Records Manager, IER and Enterprise Records. Added support for RedHat 5 for Content Engine Bulk Update Utility Removed CECSSSTE column use the CSS column Removed WPXT limitations for AIX Removed duplicate notes under PE about database operating systems Added requirements for the Enterprise Records Configuration Manager (ERCM) Updated requirements for Widgets 4.5.2.2 Added Support for Win7 for CEBl in Client Operating system table</p> <p>Database Requirements Added PE support for remote DB2 v10 for z/OS Added Support for RE and Oracle RAC for 11gR2 Updated CPIT and CMPIT support for DB2 9.7 FP5 Added support for the Standard edition of SQL 2008 R2 to Case Manager Corrected Oracle RAC version to R2 in Notes section Added support for Oracle RAC Active Gridlink Added eForms database support to match CE Added information about Case Manager and HA configurations Added support for DB2 Advanced Edition for some P8 components Removed erroneous support for WebParts 2.2.2.0 and Oracle 11g database</p> <p>LDAP Added support for BPF and Tivoli Directory Server 6.3</p> <p>Browsers Added support for IE9 for AE Filetracker, AE Image Viewer, IBM Enterprise Records, BPF and WPXT 1.1.5 Add Support for Firefox versions 5 and 6 for WPXT Added support for Safari for IER 5.1 Added a new support statement for Firefox and Case Manager Updated ICM screen resolution minimum Added Firefox 3.6 support for ECM Widgets</p> <p>Misc Updated WebDav statement with Office 2010 Added caveat for xMing on AIX with CMUI Moved Case Manager East Asian topic under Java EE and Operating Systems Table Notes Added BPM and WPXT client JRE versions for Sun and IBM Added IBM Enterprise Records support for Content Search Services 5.1 Clarified CentraStar SDK support statement</p>

Date	Description
	<p>Updated Case Manager's support for Citrix Removed duplicate Gridlink statement from Database section. Changed the eForms minimum for Case Manager to P8eF-4.0.2.12-FP012 Updated Application Deployment section for ECM Widgets 4.5.2.2 Added non support of SSO via TAM or SiteMinder for FIMO Reinstated change for WebParts 2.2.2.0 support of Office 2010</p>
November 2011	<p>General Updates Updated ICM 5.1 information with compatible IBM products. Updated CMPIT 5.1 prerequisite information Updated cross brand support for ICM. Updated information for CMPIT Updated information for CPIT Updated CSS support with .Net Framework. Updated SPNEGO information for BPF Updated CMUI installation information. Added CFS 5.1 support for CM 8.4.3 MP and CM 8.4.5 zOS Updated several broken links within the doc. Fixed general bullet formatting in many sections.</p> <p>Application Servers Updated WebLogic and Windows 2008 R2 support information. Updated JVM support for JBoss EAP Updated ICM support for Application servers. Noted that WebLogic 10.3.4 support does not include Active Gridlink Added AE support for WebLogic 10.3.4 and 10.3.5 Updated WPXT 1.1.4 and 1.1.5 notes for WebLogic support with the IBM JDK</p> <p>Operating Systems Added recommendation for minimum memory with client browser systems for ICM. Added a note for IBM Content Search Services on Windows require .NET 2.0 or higher Framework installed. Added a note on resolving Unable to restart CSS service after stopping the service on zLinux. Updated information on INSO text filtering failure with SELinux enabled. Added Centera 3.2.705 support for AIX 6.1. Updated Case Manager 5.x and Operating System support statement. Updated AIX support for CEBI. Added AIX 7 support for eForms. Added Red Hat 6 support for eForms. Removed P8 5.1 minimum for WPXT 1.1.5 in Client Operating system table Added support for AIX versions for CE Bulk Import Tool Added support for PE 5.0 on RHEL 6 zLinux</p> <p>JRE/JDK Support Updated ICM JRE support information. Added AE and BPM XT support for JRE 1.6.0-25. Updated JVM support for LCSE 5.0 on windows. Updated JDK requirements for IBM system Dashboard.</p> <p>Database Requirements Updated ICM requirements to support Windows SQL 2008 server. Updated Database support for Rendition Engine. Added limited support for the Datacenter edition to Microsoft SQL 2008 support statement Added support for Row Compression feature of DB2 Updated general database encryption notes</p> <p>Directory Servers Updated TDS on zOS information. Updated Kerbos support with Jboss 4.x Updated directory server support for</p> <p>Browsers</p>

Date	Description
	<p>Added a note that ICM 5.0 does not support IE 8 in compatibility mode. Updated Browser table and JRE table to show 32-bit support only. Updated ICM Browser support. Added information about minimum memory requirements for clients and browsers. Added IE9 Browser support for AE 4.0.2.12 Added AE support for Safari 5 Updated ACM 5.0 does not support IE8 in compatibility mode. For WPXT 1.1.5 Removed support for Firefox 3.5 Added WPXT 1.1.4 support for Firefox 4. Removed caveats from WPXT 1.1.4 support for IE7</p> <p>Virtualization Added support for PE5.0 on Solaris Global and Non-Global zones. Updated the virtualization support for ICM 5.1 and zVM 6.0 and 6.1 Updated virtualization information for Hypervisor.</p> <p>Hardware Requirements Updated information for CMAC minimum memory requirements</p> <p>Misc. Added support for Sun JRE 1.4.0-25 for AE, WPXT and BPM Added CFS support for CM8 8.4.3.x Multiplatform and z/OS Added support for Office 2010 for Case Analyzer 5.0</p>
August 2011	<p>General updates Combined Case Manager products into single row in tables Updated references for CE 5.0 to be 5.1 throughout the guide Added IBM Enterprise Records 5.1 information to all relevant tables Added WPXT 1.1.5 to all relevant tables Added requirements for new CE Bulk updater utility Updated product name for CFS to CFS for Content Integrator Added new section to application deployment for the Reassign Object Store Utility Added support for BPM and Win 7 USGCB Added Signotec support for eForms</p> <p>Application Servers Added WS 7.0.0.x support versions for RM/IER Added technote for WAS 7 use with Oracle. Updated Application server and operating system combinations for WAS 6 and 7 support of AIX 7, Win2008R2 and RHEL6 Updated IBM JRE and WebSphere version for FIPS support Updated the WebSphere Application Client patch requirement for CFS P8-to-P8 Added note about WebSphere fix requirement for WAS 6.1 and WAS 7.0 Added note about WebSphere fix pack minimum when using DB2. Updated WebLogic Application Server version for specific patch sets. Updated requirement for TSM with WebLogic 10.3 and Jrockit. Updated WAS IF for JDK 6.0 requirement.</p> <p>Content Search Services Added statement that CM 5.0 does not support CSS in 5.1 release Clarified statement ECM Widgets 4.5.2.x does not support CSS Clarified CSS support for AE 4.0.2 and FIMO. Clarified Support statement for Cascade and RM/IER</p> <p>Operating systems Updated Notes in OS and Client OS sections to point to each other. Updated minimum for Windows XP operating system to SP2 for Client Operating system table Added IER 4.5.1 support for AIX 7. Clarified Red Hat 6 support for Info Center. Updated support on RedHat 6.0 for TSM 6.2.2., PE 5.0</p>

Date	Description
	<p>Added Windows support for Case Manager. Clarified no support for CMPIT, CPIT using RedHat 6.0 Updated package requirements for Config Manager GUI on Solaris. Updated Content Manager table in the Non-Java EE products and server operating system combination for CSE client 5.1 Added support for Mac OSX 10.6 for P8 eForms Added platform support for CECSSSTE Updated Centera support for HPUX in hw/sw guide Updated Conf Manager HP-UX Risc limitation to include CMUI 5.1 Clarified package requirements for Red Hat 5 & 6 for Cascade.</p> <p>Databases Added BPF support on Oracle11gR2 Clarified Oracle RAC support for Process Engine. Updated database collocation support incorrect for MSSQL and Oracle. Update DB2 support for IBM Case Manager to add DB2 v9.7 fp4. Clarified P8 Support Statement for DB2 v9.7 Updated support table, JDBC driver IBM Universal 3.50.152 is supported with Remote DB2 v10 for zOS Added support for CE 5.1 with Remote DB2 v10 for zOS and WebSphere 7.0 Added support for CFS 5.1 with Remote DB2 v10 for zOS and WebSphere 7.0 Updated the Database support Notes - Remote DB2 pureScale with CFS-ICI is only supported with WebSphere 7.0 Added CE 5.1 is supported with WebSphere 7.0 with Remote DB2 pureScale v9.8 Added support for RE database support - SQL Server 2008 R2 and Oracle 11g R2 Clarified Oracle patch requirement if using JDBC 11.2.0.x</p> <p>SSO Updated SSO information on TAM/BPF. Added notes for Siteminder SSO. Updated Single Sign-On section for reverse proxy information. Added CE 5.0 support for Single Sign On and Kerberos/Spengo.</p> <p>JRE/JDK/JVM Updated Client JRE with support for IBM Java 1.6.0 SR9 FP1 & SUN JRE 1.6.0_25 Updated Java Virtual Machine section for 1.6 Added support for the CE custom standalone client applications for JRE 1.6.0_25 and IBM JRE 1.6 SR 9 FP1 Added System Manager to Client Java Runtime Environment Table Specified minimum JRE requirements for ACCE.</p> <p>Browsers Added support for Firefox 4 and Internet Explorer 9 for BPM, Web Upgrader 5.1, CFS 5.1, eForms, and FDM 5.1 Updated browser table column to break up headers Adding updated browser support for Content Engine 5.1, IER 5.1 and WPXT 1.1.5 Added Browser support for Safari 5 and eforms. Updated browser table for Mozilla Firefox 5.0 support. Clarified XT 1.1.4 & 1.1.5 support statement for IE 9 and Firefox 4 Clarified issues with Workplace XT and Firefox 3.6.14</p> <p>CFS Updated CFS information in the 5.0 Hardware and Software Requirements Guide Updated steps required to set up CFS-CMOD Updated CFS-CMOD integration section Added support information for CFS Livelihood and Documentum Updated IBM CM8 version for CFS-ICI.</p> <p>Virtualization Added virtualization support for RM 4.5.0 Clarified support for Process Engine on Solaris Zones</p>

Date	Description
	<p>Updated Virtualization table for CSS. Added CE 5.1 supported on zLinux on z/VM 5.3.</p> <p>Misc. Added Crystal Reports support for IER for SP 3. Added support for JAWS 12 and SPC WebParts 2.2.x Added WPXT 1.1.5 Webdav support for office 2010 32bit. Added Collocation information about requirements for Case Analyzer and Process Simulator Updated statement about PE collocation with IS. Updated minimum statement for CA 4.5.1 Added ECM Widgets 4.5.2.1 supports BSpace 7.0.0.3, ICM 5.0 supports LM 3.0.0.1 along with LM 3.0 for P8 5.0 Added ECM Widgets 4.5.2.1 supports BSpace 7.0.0.3, ICM 5.0 supports LM 3.0.0.1 along with LM 3.0 on P8 5.1 Added ECM Widgets supports Business Space v7.0.0.4 starting from ECM Widgets 4.5.2.1 Updated SharePoint table for Webparts restrictions. Added minimum support for SPC 2.2.x support for MS Office 2010 & SQL2008-R2 Updated prerequisites for CPIT 5.1 Updated Application Deployment notes for BPF and CE 5.1 Clarified FDM 5.1 supports only CE 5.1. Updated references to GPFS 3.3 supported should say '3.3 and later' Updated Hitachi Content Platform (HCP) version information. Updated the Protected Storage Centera Matrix Updated support statement for TSM 6.2 and Red Hat 6.</p>

Date	Description
April, 2011	Removed erroneous RedHat Desktop support for Case Manager
March, 2011	<p>Added Windows support for Case Manager Added AIX 7 support for P8 products Added support for Red Hat Linux 6 for P8 products. Updated package requirements for Red Hat 6 for CMUI and installers Clarified support for CSS on zLinux with INSO Updated the minimum DB2 level on z/OS environment. Clarified CFS support for Remote DB2 on z/OS Clarified IFP support for WAS 7.0 using Oracle Database. Added support for Content Engine for DB2 JDBC 4 Driver (4.8.87) with P8 5.0. Added Support for PE DB2 pureScale 9.8 and increased the minimum for CE and PE to FP3 Updated Oracle Notes for minimum version requirement for 11g R2, and Oracle Advanced Security Updated BPF JDBC support information to be more closely aligned with the rest of P8 Clarified that support for Oracle Databases do not include Exadata Added support for Sun Java Directory Server 5.2 and Tivoli Directory Server v6.3 to the LDAP table Added support for BPF to Sun Java Directory Server v7. Added support for Case Management for Active Directory 2003 Updated SSO section to indicate Case Manager, ACCE and the Web Upgrader applications do not support Added SSO support statement with WAS7 with CA SiteMinder 6 & 12 support Added support for USGCB (FDCC) on Win7 for AE, WPXT, FIMO, Case Manager, ACCE, ECM Widgets, eForms and eForms Designer. Updated CFS version from 4.5 to 5.0 Added support for FileNet Image Viewer on Windows Home Premium operating system Removed 32-bit only limitation for Java EE (Application) Servers for eForms. Added a note about running eForms on a Windows 64-bit operating system Removed restrictions for XT's use in ECM Widgets environment Clarified Workplace XT use on Firefox 3.6.14 Adding non support of IER and Case Manager co-location</p>

Date	Description
	<p>Clarified information on Virtualization Table</p> <p>Add Linux virtualization support, z/VM 6.1</p> <p>Changed Solaris Local Zones to Non-Global Zones and updated table header for Solaris</p> <p>Added reference to defect number ecmdb00945332</p> <p>Added a link to documentation for IBM Production Imaging Edition</p> <p>Clarified information on all tables about support platforms.</p> <p>Changed Expansion Products to Other Products</p>
January 2011	<p>Updated information that as of JBoss 5.1.0 EAP, the Out of Memory Exception is no longer an issue.</p> <p>Updated notes section under the LDAP on limitations of what is supported by Widgets and Case Manager.</p> <p>Updated support information for Visual Studio 2010 to the Content and Process Web Services APIs table.</p> <p>Changed Case Manager Linux support from 5.4 only to 5.x (minimum 5.4)</p> <p>Added JDK minimum version 1.4.2 for Legacy Content Search Engine Locale installation on AIX 6.1.</p> <p>Updated the memory requirement for Single Server installation tools.</p> <p>Added support for Office 2010 32-bit for AE Applnt, XT Applnt and FIMO.</p> <p>Added support for AD 2003 to P8 5.0 and ACM 5.0.</p> <p>Updated JRE version for PE client 5.0 and later, BPM Applets.</p> <p>Updated Citrix notes that ACM does not support Citrix.</p> <p>Clarified ICM 5.0 Section: Lotus Mashup 3.0 supports only federated LDAP configuration.</p> <p>Added new minimum RM version (P8RM-4.5.0-003) for Crystal Reports 2008 integration.</p> <p>Added BPM 5.0 PE Clients (PO, REST, PEWS) supports 32 and 64-bit on JBoss app server.</p> <p>Updated notes section under Citrix that IBM Case Manager does not support Citrix</p> <p>Added information for WebDAV for Application Engine and Workplace XT to require Microsoft hot fix KB841215</p> <p>Change the section title "FileNet P8 components collocation" to "Product and component collocation"</p> <p>Changed zLinux support statement to specify only 64-bit.</p> <p>Added additional notes about WebSphere Integration Developer 7 Feature Pack 2 dependency with P8</p> <p>Removed note for Workplace XT does not currently support WebLogic with AIX</p> <p>Added additional notes for Case Manager Builder Server to include East Asian font type to resolve unreadable characters.</p> <p>Removed Table shading on SQL 2008 support table.</p> <p>Added support for FDCC Windows 7 SPx and SPC Web Parts 2.2.x</p> <p>Added support of CE 5.0 for DB2 pureScale 9.8 FP2 release</p> <p>Added support of FDCC for CFS 5.0</p> <p>Clarified there is no support for TDS on z/OS platform.</p> <p>Added support of FDCC for FEM 5.0</p> <p>Updated FEM pre-requisites and SSL requirement</p> <p>Added jdbc driver 4.8.87 support for DB2 v9.7 FP1</p> <p>Added comment stating File storage areas on encrypted NTFS devices are not supported.</p> <p>Updated Win 7 FDCC/USGCB Table with FDM support</p> <p>Changed minimum supported version of XT information</p> <p>Updated IBM Content Integrator requirements</p>
October 28, 2010	Initial 5.0.0 version

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