IBM FileNet Image Services IBM FileNet Image Services Resource Adapter IBM FileNet Print Version 4.2.0

Hardware and Software Requirements



GC31-5609-25

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Introduction

This document details the hardware and software requirements for all supported versions of the following products:

- IBM® FileNet® Image Services
- IBM FileNet Image Services Resource Adapter
- IBM FileNet Image Services Toolkit
- IBM FileNet Near Line Storage and Single Document Storage Tool
- IBM FileNet Image Manager Utilities (HPII & MRII)
- Image Services Connector for IBM Content Navigator
- IBM FileNet Print

Use this guide to determine which independent software vendor and other FileNet IBM products are compatible with your versions of these products.

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 only support these independent software vendor products in accordance with the vendor's own product dependencies and support statements.

Associated documentation

Refer to the following requirements and compatibility documents for related information about other IBM FileNet products:

- IBM FileNet P8 Hardware and Software Requirements
- IBM FileNet Capture Hardware and Software Requirements
- IBM FileNet IDM Desktop, Web Services and Open Client, IBM FileNet Content Services, IBM FileNet eForms and IBM FileNet eProcess Hardware and Software Requirements
- IBM Content Navigator

Access IBM FileNet documentation

To access IBM FileNet documentation:

1. Go to the Product Documentation for FileNet Image Services support page.

https://www.ibm.com/support/docview.wss?uid=swg27010558

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

https://www.ibm.com/support/entry/portal/product/enterprise_content_management/filenet_product_fa mily/filenet_image_services?productContext=-83248388

2. Select the product of interest.

3. Search for a particular support topic under "Enter search terms" or use the other navigational aids on the 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).

Legend

Due to space limitations, the tables in this document use the following abbreviations, even if they are not official abbreviations.

Product name	Abbreviation
Content Federation Services – Image Services	CFS-IS
Content Management Interoperability Services	CMIS
Content and Process Engine	CPE
Document Archive Retrieval Transport	DART
End of Support	EOS
High Performance Image Import	HPII
IBM Content Navigator	ICN
Image Manager	IM
Images Services	IS
Image Services Remote Admin Console	RAC
Image Services Resource Adapter	ISRA
Image Services Toolkit	ISTK
Magnetic Storage and Retrieval	MSAR
Medium Range Image Import	MRII
Near Line Storage	NLS
Optical Storage and Retrieval	OSAR
Process Engine	PE
Single Document Storage	SDS

Image Services

Operating system requirements

UNIX

		4.1 1.0)		.1.SP1 .1.1)	IS 4	4.1.2	IS 4	J.2.0
	IS	ISTK	IS	ISTK	IS	ISTK	IS	ISTK
IBM AIX®								
IBM AIX 5.1 Minimum version: ML9 RISC/6000, 32/64-bit		✓		✓				
IBM AIX 5.2 Minimum version: TL8 IBM POWER®-based processors, 64-bit RISC/6000, 32/64-bit	✓	✓	✓	✓				
IBM AIX 5.3 Minimum version: TL4 IBM POWER-based processors, 64-bit RISC/6000, 32/64-bit	✓	✓	✓	✓	Minimum 5.3 TL7	Minimum 5.3 TL7	Minimum 5.3 TL11	Minimum 5.3 TL11
IBM AIX 6.1 Minimum version: Base IBM POWER – based processors, 64-bit			✓	✓	✓	✓	Minimum 6.1 TL5	Minimum 6.1 TL5
IBM AIX 7.1 Minimum version: Base IBM POWER – based processors, 64-bit					✓	✓	✓	✓
IBM AIX 7.2 Minimum version: Base IBM POWER – based processors, 64-bit					✓	✓	✓	✓
HP-UX								
HP-UX 11i v1 (11.11) Support Plus Minimum version: Dec 2006 Bundle PA-RISC, 32/64-bit	✓	✓	✓	✓				
HP-UX 11i v2 (11.23) Standard Patch Minimum version: Sep 2006 Bundle PA-RISC, 32/64-bit	✓	✓	✓	✓	Minimum	Minimum		

	IS (4.	4.1 1.0)		.1.SP1 .1.1)	IS 4	IS 4.1.2		.2.0
	IS	ISTK	IS	ISTK	IS Dec 2007	ISTK Dec 2007	IS	ISTK
HP-UX 11i v2 (11.23) Standard Patch Minimum version: Sep 2006 Itanium®, 32/64-bit	✓	✓	✓	✓	Minimum Dec 2007	Minimum Dec 2007	Minimum Jun 2010	Minimum Jun 2010
HP-UX 11i v3 (11.31) Standard Patch Minimum version: Base PA-RISC 32/64-bit	✓	✓	✓	✓	Minimum Sep 2007	Minimum Sep 2007		
HP-UX 11i v3 (11.31) Standard Patch Minimum version: Base Itanium, 32/64-bit	✓	✓	✓	✓	Minimum Sep 2007	Minimum Sep 2007	Minimum Mar 2010	Minimum Mar 2010
Sun Solaris								
Sun Solaris 9 Minimum version: 9/05 Patch Bundle SPARC, 32/64 bit	✓	✓	✓	✓	✓	✓	✓	✓
Sun Solaris 10 Minimum version: 11/06 Patch Bundle SPARC, 32/64 bit	✓	✓	✓	✓	Minimum 08/07	Minimum 08/ 07	Minimum 05/09	Minimum 05/09
Sun Solaris 11 Minimum version: 11.1 SPARC, 64 bit * For optical library support and Integral SDS support the minimum Image Services release level is: IS 4.2.0 FP8							Minimum 4.2.0 FP8	Minimum 4.2.0 FP8

Windows

		IS 4.1 (4.1.0)			IS 4.1.SP1 (4.1.1)			IS 4.1.2			IS 4.2.0	
	IS	ISTK	RAC	IS	ISTK	RAC	IS	ISTK	RAC	IS	ISTK	RAC
Microsoft® Windows® XP Minimum version: SP2 Editions: Professional		✓	✓		✓	✓		✓	✓		✓	✓
Microsoft Windows Vista Minimum version: Base/RTM X86-32 bit, x86-64 bit Edition: Business, Professional		✓	✓		✓	✓		✓	✓		✓	✓
Microsoft Windows 7 Minimum version: Base/RTM X86-32 bit, X86-64 bit Edition: Professional, Ultimate								Minimum IS 4.1.2-006	Minimum IS 4.1.2-006		✓	✓
Microsoft Windows 8 Minimum version: Base/RTM X86-32 bit, X86-64 bit Edition: Pro, Enterprise											✓	✓
Microsoft Windows 10 Minimum version: Base/RTM X86-32 bit, X86-64 bit Edition: Pro, Enterprise											✓	✓
Microsoft Windows Server 2000 Minimum version: SP4 Includes SP4 Rollup package v2 Editions: Standard, Enterprise, Datacenter		Minimum SP4 rollup v2	Minimum SP4 rollup v2		Minimum SP4 rollup v2	Minimum SP4 rollup v2		Minimum SP4 rollup v2	Minimum SP4 rollup v2			
Microsoft Windows Server 2003 Minimum version: SP1 x86-32-bit, x86-64-bit Editions: Standard, Enterprise, Datacenter	✓	✓	✓	✓	✓	✓	Minimum SP2	Minimum SP2	Minimum SP2			

		IS 4.1 (4.1.0)		IS 4.1.SP1 (4.1.1)			IS 4.1.2		IS 4.2.0			
	IS	ISTK	RAC	IS	ISTK	RAC	IS	ISTK	RAC	IS	ISTK	RAC
Microsoft Windows Server 2003 R2 Minimum version: Base x86-32-bit, x86-64-bit Editions: Standard, Enterprise, Datacenter	✓	✓	✓	✓	✓	✓	Minimum R2 SP2	Minimum R2 SP2	Minimum R2 SP2	Minimum R2 SP2	Minimum R2 SP2	Minimum R2 SP2
Microsoft Windows Server 2008 Minimum version: Base /RTM x86-32-bit, x86-64-bit Editions: Standard, Enterprise, Datacenter							✓	✓	✓	✓	✓	✓
Microsoft Windows Server 2008 R2 Minimum version: Base /RTM x86-64-bit Editions: Standard, Enterprise, Datacenter							Minimum IS 4.1.2-006	Minimum IS 4.1.2-006	Minimum IS 4.1.2-006	✓	✓	✓
Microsoft Windows Server 2012 Minimum version: Base /RTM X86 32-bit x86-64-bit Editions: Foundation, Essentials, Standard, Datacenter							✓	✓	✓	✓	✓	✓
Microsoft Windows Server 2012 R2 Minimum version: Base /RTM X86 32-bit x86-64-bit Editions: Foundation, Essentials, Standard, Datacenter							✓	✓	✓	✓	✓	✓

	IS 4.1 (4.1.0)			IS 4.1.SP1 IS 4.1.2			IS 4.1.2			IS 4.2.0		
	IS	ISTK	RAC	IS	ISTK	RAC	IS	ISTK	RAC	IS	ISTK	RAC
Microsoft Windows Server 2016 Minimum version: Base /RTM x86-64-bit Editions: Standard, Datacenter, Essentials							Minimum IS 4.1.2 FP025	Minimum ISTK 4.1.2 FP025	4.1.2	Minimum IS 4.2.0 FP013 + IF Technote https://w ww.ibm.c om/supp ort/docvi ew.wss? uid=swq 2200251	Minimum ISTK 4.2.0 FP013	4.2.0

Operating system notes

- Only the minimum support levels are listed above; later levels are supported unless explicitly indicated that they are not supported.
- IS & ISTK 4.1.0 are not supported for Interim Fixes or instrumented modules for troubleshooting purposes.
- As of July 2010, Windows 2000 entered EOS. Going forward, Image Services fix packs (starting with 4.1.1 FP11, 4.1.2 FP8 and 4.2) will no longer
 be tested with Windows 2000. Image Services support will continue to accept PMRs for Windows 2000 based configurations, however if a problem
 is suspected to be Windows dependent, you may be required to recreate the problem on a supported version of Windows.
- As of April 2014, Windows XP entered EOS. Going forward, Image Services fix packs (starting with 4.1.1 FP16, 4.1.2 FP19 and 4.2 FP10) will no
 longer be tested with Windows XP. Image Services support will continue to accept PMRs for Windows XP based configurations, however if a
 problem is suspected to be Windows dependent, you may be required to recreate the problem on a supported version of Windows.
- As of July 2015, Windows 2003 entered EOS. Going forward, Image Services fix packs (starting with 4.1.1 FP17, 4.1.2 FP22 and 4.2 FP11) will no longer be tested with Windows 2003. Image Services support will continue to accept PMRs for Windows 2003 based configurations, however if a problem is suspected to be Windows dependent, you may be required to recreate the problem on a supported version of Windows.
- As of April 2005, AIX 5.1 entered EOS. Going forward, Image Services fix packs (starting with 4.1.1 FP15, 4.1.2 FP15
 and 4.2 FP4) will no longer be tested with AIX 5.1, 5.2. Image Services support will continue to accept PMRs for AIX 5.3 based configurations,
 however, if a problem is suspected to be AIX dependent, you may be required to recreate the problem on a supported version of AIX
- As of August 2007 AIX 5.2 entered EOS. Going forward, Image Services fix packs (starting with 4.1.1 FP15, 4.1.2 FP15

and 4.2 FP4) will no longer be tested with AIX 5.1, 5.2. Image Services support will continue to accept PMRs for AIX 5.3 based configurations, however, if a problem is suspected to be AIX dependent, you may be required to recreate the problem on a supported version of AIX

- As of April 2012, AIX 5.3 entered EOS. Going forward, Image Services fix packs (starting with 4.1.1 FP15, 4.1.2 FP15 and 4.2 FP4) will no longer be tested with AIX 5.3. Image Services support will continue to accept PMRs for AIX 5.3 based configurations, however if a problem is suspected to be AIX dependent, you may be required to recreate the problem on a supported version of AIX.
- Configurations with UNIX platforms and Windows application servers are supported. Multiple servers in a configuration must be the same platform and have the same release of Image Services on the servers. The exception is that Windows servers can be configured as application servers.
- Image Services is a 32-bit application that is 64-bit tolerant.
- Sun Solaris Zone support: Only Sparse zones are supported on Sun Solaris 10 starting with the IS/ISTK 4.1.2 release. Optical libraries are not supported with Sun sparse zones.
- As of Solaris 11, Oracle changed the Solaris 11 UCB package to be optional. If the UCB package is not installed, the installation of Image Services
 4.2.0 and Image Services Toolkit fails.
- On UNIX®-based operating systems the native volume managers are supported. However, the Solaris platform supports the native volume manager and Veritas volume manager.
- Image Services 4.2.0 does NOT support the HP-UX PA-RISC platform.
- Optical libraries are not supported on a 64-bit Windows server.

Databases

	IS 4.1 (4.1.0)	IS 4.1. SP1 (4.1.1)	IS 4.1.2	IS 4.2.0
IBM DB2®				
IBM DB2 Database v8.2 Minimum version: FP5 Editions: Workgroup and Enterprise DB2 client: Version 8 Editions: Admin and Runtime client	Minimum server 8.2 FP5 AIX and Solaris platforms only	Minimum server 8.2 FP5	Minimum server 8.2.9 V9.1/9.5 client is supported	
IBM DB2 Database v9.1 Minimum version: FP1 Editions: Workgroup and Enterprise DB2 client: Version 8, 9.1, 9.5 Editions: Client and Runtime client	✓	✓	Minimum server v9.1.4a	Minimum server v9.1.4a Minimum client 9.1
IBM DB2 Database v9.5 Minimum version: FP1 Editions: Workgroup and Enterprise DB2 client: Version 8, 9.1, and 9.5 Editions: Data Server client and Runtime client		✓	✓	Minimum client 9.1
IBM DB2 Database v9.7 Minimum version: Base Editions: Workgroup and Enterprise DB2 client: Version 8.2 ,9.1, 9.5 and 9.7 Editions: Data Server client and Runtime client		✓	✓	Minimum client 9.1
IBM DB2 Database v10.1 Minimum version: Base Editions: Workgroup and Enterprise DB2 client: Version 9.5, 9.7,10.1 Editions: Data Server client and Runtime client			✓	✓
IBM DB2 pureScale v9.8 Feature for Enterprise Server Edition Minimum version: Base Editions: Enterprise DB2 client: Version 9.1, 9.5 and 9.7 Editions: Data Server client and Runtime client			Minimum IS 4.1.2-009	✓

	IS 4.1 (4.1.0)	IS 4.1. SP1 (4.1.1)	IS 4.1.2	IS 4.2.0
IBM DB2 Database v11.1 Minimum version: Base Editions: Workgroup and Enterprise DB2 client: Version 9.7,10.1,11.1 Editions: Data Server client and Runtime client			See note 1 Minimum IS 4.1.2 FP025 + IF Technote https://www.ibm.com/supp ort/docview.wss?uid=swq 22006521	See note 1 Minimum IS 4.2.0 FP013 + IF Technote https://www.ibm.com/supp ort/docview.wss?uid=swq 22006521
Oracle				
Oracle 9i, 9.2.0.x Minimum version: 9.2.0.8 Terminal release: Oracle 9.2.0.8 Editions: Enterprise, Standard	✓	✓		
Oracle 10g, 10.2.0.x Minimum version: 10.2.0.2 Editions: Enterprise, Standard, RAC (IS 4.1.SP1)	✓	Minimum support for Oracle RAC: IS 4.1.SP1 FP2	Minimum is Oracle 10.2.0.3	Minimum is Oracle 10.2.0.3
Oracle 11g R1 (11.1.0.6) Minimum version: Base Editions: Standard, Standard Edition One, Enterprise edition, RAC			✓	✓
Oracle 11g R2 (11.2.0.1) Minimum version : Base Editions: Standard, Standard Edition One, Enterprise edition, RAC			Minimum IS 4.1.2 FP-008 Not supported on HP PA-RISC	Not supported on HP PA-RISC
Oracle 12c (12.1.0.2) Minimum version : Base Editions: Standard, Standard Edition One, Enterprise edition, RAC			Minimum IS 4.1.2 FP-023 Not supported on HP PA-RISC	Minimum IS 4.2.0 FP-009 Not supported on HP PA-RISC

	IS 4.1 (4.1.0)	IS 4.1. SP1 (4.1.1)	IS 4.1.2	IS 4.2.0
Oracle 12c (12.2.0)			Minimum IS 4.1.2 FP-025 Not supported on	Minimum IS 4.2.0 FP-014 Not supported on
Minimum version : Base Editions: Standard, Standard Edition One, Enterprise edition, RAC			HP PA-RISC Technote https://www.ibm.com/supp ort/docview.wss?uid=swq 22016482	HP PA-RISC Technote https://www.ibm.com/supp ort/docview.wss?uid=swq 22016482
Microsoft SQL Server				
Microsoft SQL Server 2005 Minimum version: SP2 Editions: Enterprise and Standard		✓	✓	✓
Microsoft SQL Server 2008 Minimum version: Base Editions: Enterprise and Standard			Minimum IS 4.1.2 FP-002	✓
Microsoft SQL Server 2008 R2 Minimum version: Base Editions: Enterprise and Standard			Minimum IS 4.1.2 FP-008	✓
Microsoft SQL Server 2012 Minimum version: Base			✓	✓
Editions: Enterprise and Standard			Minimum IS 4.1.2 FP-015	Minimum IS 4.2.0 FP-004
Microsoft SQL Server 2012 R2 Minimum version: Base			✓	✓
Editions: Enterprise and Standard			Minimum IS 4.1.2 FP-015	Minimum IS 4.2.0 FP-004
Microsoft SQL Server 2014			✓	✓
Minimum version: Base Editions: Enterprise and Standard			Minimum IS 4.1.2 FP-015	Minimum IS 4.2.0 FP-004
Microsoft SQL Server 2016			✓	✓
Minimum version: Microsoft SQL Server 2016 SP1 Editions: Enterprise and Standard			Minimum IS 4.1.2 FP025 + IF	Minimum IS 4.2.0 FP013 + IF

IS 4.1 (4.1.0)	IS 4.1. SP1 (4.1.1)	IS 4.1.2	IS 4.2.0
		Technote https://www.ibm.com/supp ort/docview.wss?uid=swg 22002595	Technote https://www.ibm.com/supp ort/docview.wss?uid=swg 22002595

Database Notes

- A remote database server may be installed on any platform supported by Image Services regardless of your server configuration
 - o Oracle may also be installed on a remote RedHat Linux® 4.x, 5.x, and 6.0 servers
- Image Services will support an Oracle database that is configured with Oracle Advanced Security including TDE, SSL, as well as Oracle Data Masking. Please be aware that:
 - A performance penalty is inevitable for such configuration due to encryption and decryption processes
 - Image Services does not support SSL for connections other than between Oracle client and server. Only implement SSL between Oracle database server and database client.
 - Oracle Advanced Security will require that Image Services application issues reported be reproduced in an environment that is configured without Oracle Advanced Security. Customers will need to work directly with Oracle for any database configuration issues.
- Image Services supports DB2 on remote servers only.
- DB2 9.5, 9.7 and 10.1 clients are not supported on HP-UX PA-RISC.
- Oracle Instant client 32-bit is supported with Image Services starting with release 4.1.2 for HP Integrity on Oracle 11g. However the Instant client
 and Oracle Database server must reside on the same server. Image Services does not support Oracle Instant Client alone, and it does not replace
 the Oracle Client on a remote Oracle database configuration. The Oracle 11g 32-bit client can be downloaded from Oracle:
 http://www.oracle.com/technology/tech/oci/instantclient/index.html
- The use of Oracle partitioning technology to achieve improvement in manageability, performance and/or availability of RDBMS elements that relate to Image Services cannot be guaranteed. Further, the use of Oracle partitioning requires knowledge of Oracle partitioning technology and the Image Services database schema. Database tools that are not supported are: GDB_exim, INXdbgen and spacerpt.
 - IBM performs only cursory testing of Image Services with Oracle partitioning and therefore IBM support does not have the expertise required to provide assistance with installation, configuration or maintenance of Oracle partitioning. Any customer choosing to implement Oracle partitioning must have the proper skills to perform all Oracle partitioning related tasks without assistance from IBM support. If in the course of troubleshooting a reported Image Services issue IBM determines that it is related to the use of Oracle partitioning technology, IBM may require that the issue be reproduced in a configuration with a non-partitioned table.
- Oracle Runtime (FileNet owned) database previously sold with IBM FileNet Image Services is no longer supported as of 12/31/11. The official announcement can be viewed here:

http://www.ibm.com/common/ssi/rep_ca/2/897/ENUS911-002/ENUS911-002.PDF

DB2 8.2 entered EOS as of April 2009, and DB2 9.1 entered EOS as of April 2012. Going forward, Image Services fix packs (starting with 4.1.1 FP16, 4.1.2 FP18 and 4.2 FP7) will no longer be tested with DB2 8.2 or DB2 9.1. Image Services support will continue to accept PMRs for DB2 8.2/9.1 based configurations. However, if the issue is narrowed down to an unsupported DB2 platform for which there is no available fix, you may be required to upgrade to a supported DB2 platform.

• ¹DB2 11.1 clients are not supported on Solaris, HP-UX Itanium, and HP-UX PA-RISC. Refer to DB2 website to determine the server-client compatibility matrix on supported platforms.

Image Services Storage

Optical Drive and Libraries (OSAR)

This document does not address optical drives or libraries supported by Image Services. For additional details, use the OSAR Cable Tool. http://www.ibm.com/support/knowledgecenter/SSLLVC_5.0.0/com.ibm.esupport.tool.osar.doc/docs/readme.html

Magnetic Storage Libraries (MSAR)

Support Statement

Magnetic Storage and Retrieval (MSAR) requires a file system to store its surface files and meets the criteria below.

- MSAR supports all file systems that are currently supported by Image Services
 - Synchronous writes
 - Disabling write caching
 - Supporting large files (currently up to 32GB)
 - Supporting setting permissions as required by the processes of Image Services.
 - UNIX remote file systems must be NFS Release 3 or higher
 - o Windows remote file systems must be CIFS compliant
- FileNet Image Services supports EMC Isilon as a storage device for MSAR surfaces according to the guidelines in the following Tech Note.

http://www.ibm.com/support/docview.wss?uid=swg21700329

IBM FileNet provides the **sync_write_test** utility to determine if the above criteria are met. Usage of the tool is described in the MSAR documentation.

Single Document Storage (SDS) Devices

Image Services Client Interface	IS 4.1 (4.1.0)	IS 4.1.SP1 (4.1.1)	IS 4.1.2	IS 4.2.0
EMC Centera SDK v3.1.1 1,2	Not supported on HP Integrity	Not supported on HP Integrity	Not supported on HP Integrity	
EMC Centera SDK v3.2.0			Not supported on HP Integrity or Windows 2008	
EMC Centera SDK v3.2.3			Not supported on Windows 2008	
EMC Centera SDK v3.2.4			Minimum IS 4.1.2-006	
EMC Centera SDK v3.2.5			Minimum IS 4.1.2-008	✓
Dell EMC Centera SDK v3.2.705 ³			Minimum IS 4.1.2-024 with Interim Fix IF544789	Minimum IS 4.2.0-013 with interim Fix IF544789
EMC Centera SDK v3.3.0 (Windows 2008 R2 only) * Please see the conditional support statement for Centera SDK 3.3 in the Notes below.			Minimum IS 4.1.2-016	Minimum IS 4.2.0-005
TSM v5.5 with IBM Tivoli System Storage ™			Not supported on HP Integrity	Not supported on HP Integrity

Image Services Client Interface	IS 4.1 (4.1.0)	IS 4.1.SP1 (4.1.1)	IS 4.1.2	IS 4.2.0
TSM v6.1 with IBM Tivoli System Storage ™ & IBM Information Archive Appliance			Not supported on HP PA-RISC or HP Integrity	Not supported on HP PA-RISC or HP Integrity
TOM as a with IDM Thall Contain Consum TV			32bit applications	32bit applications
TSM v6.2 with IBM Tivoli System Storage ™ & IBM Information Archive Appliance			Not supported on HP PA-RISC or HP Integrity 32bit applications	Not supported on HP PA-RISC or HP Integrity 32bit applications
TOM up 2 with IDM Tiveli Cuetem Ctemens III			✓	✓
TSM v6.3 with IBM Tivoli System Storage ™ IBM Information Archive Appliance			Not supported on HP PA-RISC or HP Integrity 32bit applications	Not supported on HP PA-RISC or HP Integrity 32bit applications
TOM as 4 with IDM Tireli Outland Others IV			✓	✓
TSM v6.4 with IBM Tivoli System Storage ™ IBM Information Archive Appliance			Not supported on HP PA-RISC or HP Integrity 32bit applications	Not supported on HP PA-RISC or HP Integrity 32bit applications
Data ONTAP version 7.2.3 for Snaplock NetApps		✓	✓	✓
Data ONTAP version 8.x for Snaplock NetApps		✓	✓	✓
Data ONTAP version 9.x for Snaplock			✓	✓
NetApps			Minimum IS 4.1.2-FP25	Minimum IS 4.2.0-FP14
Hitachi HCAP/HCP enabled Storage (2.6 and later) – CIFS/NFS V2 and V3		✓	✓	✓
			✓	✓
Hitachi HCP enabled Storage (7.3.x and later, VM and Physical system) – CIFS/NFS V2 and V3			Minimum IS 4.1.2-FP25 Technote http://www-	Minimum IS 4.2.0-FP14 Technote http://www-
			01.ibm.com/support/docview. wss?uid=swg22014118	01.ibm.com/support/docview.wss ?uid=swg22014118

Image Services Client Interface	IS 4.1 (4.1.0)	IS 4.1.SP1 (4.1.1)	IS 4.1.2	IS 4.2.0
Sun Storage Tek w/NAS Compliance Archiving Software – CIFS/NFS V2 and V3		✓	✓	✓

Notes

Centera has a client/server architecture. The client interface is called the Centera SDK and it ships and installs with Image Services. The Centera server component is called CentraStar, which resides on the Centera device itself and is the responsibility of the customer.

¹ According to EMC, all current versions of CentraStar are backward compatible with all versions of the Centera SDK, provided that the Centera device is configured to be compatible with the environment that the Centera SDK supports.

Also, specific versions of the SDK are backward compatible with CentraStar from a specific release up. Refer to the Centera documentation for SDK/Centra Star compatibility.

http://www.emc.com/collateral/hardware/white-papers/h5735-centera-centrastar-isv-wp.pdf

Support is limited to the functional scope of Image Services integration with Centera, as described in the Image Services documentation. New features appearing in a release of CentraStar are not automatically supported.

- ² Event Based Retention (EBR) is supported starting with Image Services 4.1.1. The CentraStar version must be 3.1.1 or higher and an EMC Advanced Retention Management (ARM) license must be purchased from EMC for EBR support.
- The Centera 3.2.x SDKs prior to 3.2.4 are not supported on Windows 2008.
- The Centera 3.2.4 SDK is supported on Windows 2008 with Image Services 4.1.2- 006.

The Centera 3.3 SDK for Window 2008 R2 has some support restrictions. For details, see technote 1633676, Image Services: Windows 2008 R2: SDS workers abort after applying the latest Fix Pack on the IBM support site.

- 3 Dell EMC is phasing out Centera storage devices and replacing them with the new generation Elastic Cloud Storage (ECS) devices. ECS supports the Centera API which is used by Image Services Integral Single Document Storage (ISDS). This announcement allows Image Services customers to use the new Dell EMC technology ECS. The ECS 2.2.1, ECS 3.0, and ECS 3.1 EMC devices have been fully qualified with Image Services 4.1.2 and 4.2.0 on all supported platforms. It is possible to migrate from Dell EMC Centera devices to Dell EMC ECS. From an Image Services Integral SDS customer perspective, the ECS device will operate exactly as the Centera hardware device.
 - o ECS 2.2.1, ECS 3.0, and ECS 3.1 support chronological retention which includes the ability to set and extend retention.

- ECS 2.2.1 does not support Event Based Retention (EBR) and ligation hold, whereas ECS 3.0 and ECS 3.1 support these two Advanced Retention Management (ARM) features.
- According to Dell EMC, all current versions of ECS are backward compatible with all versions of the Centera SDK. ECS 3.2 or higher is compatible with Image Services.

Storage Area Network & Network Attached Storage support policy for Image Services:

In the **Windows environment** Image Services binaries, Cache, MSAR, MKF and Index databases are all supported on SAN and NAS devices. In the **UNIX environment** support depends on the Image Services component. MSAR and binaries are supported on both NAS and SAN devices. The Cache and MKF database are supported only on a **raw device**, which is only possible with a SAN device. The index database is supported on SAN and NAS devices only for a Site-controlled implementation.

In **both the Windows and UNIX environments** it is an absolute requirement to turn off caching for the devices mounted for the Image Services Cache, MKF and index databases, and MSAR, and make sure that the sync_write_test program runs successfully as described in the documentation. This is to ensure that data integrity will not be compromised should cached data fail to write to disk.

Note that FileNet does not certify individual vendor offerings.

TSM and SSAM support policy for Image Services:

Image Services 4.1.2 and 4.2.0 have been qualified with System Storage Archive Manager (SSAM) using the versions of the TSM Archive API indicated in the "Single Document Storage (SDS) Devices" support table. It is the customer's responsibility to make sure that the SSAM server version is supported with any of the TSM API versions that have been qualified with Image Services. Also, note that although the "Integral Single Document Storage and Retrieval Guidelines" only provide instructions for an SSAM server embedded in the DR550 appliance, similar steps apply to an SSAM server deployed in other environments.

Image Manager Near Line Storage and Utilities

		S 4.1 4.1.0)	IS 4.1SP1 (4.1.1)		IS 4.1.2		IS 4.2.0	
	IS	ISTK	IS	ISTK	IS	ISTK	IS	ISTK
HPII 3.3.8	✓	✓	✓	\checkmark	✓	✓	✓	✓
MRII 3.3.8	✓	✓	✓	✓	✓	✓	✓	✓
NLS 2.0	✓	✓	✓	✓	✓	✓		
SDS Tool 1.0	✓	✓	✓	✓	✓	✓	✓	✓

		See notes 4,6,7 See notes 4,6,7
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NOTES

- 1. Where it is backward compatible, a new Centera SDK may be installed over the IBM-installed version on the NLS or Image Services server
- 2. Tivoli® TSM 5.3 SDK is the only version supported with the IM Utility products.
- 3. For the list of supported storage devices with the Image Manager Near Line Storage Utilities products, refer to the Single Document (SDS) device matrix in this document.
- 4. NLS 2.0 and SDS Tool 1.0 are not supported on the HP Integrity platform.
- 5. NLS 2.0 is not supported with Image Services 4.2.0, however NLS documents written previously can be retrieved. This product has been superseded by Integral SDS.
- 6. SDS Tool 1.0 is supported with Image Services 4.2.0 for modifying retention on documents previously written by NLS.
- 7. The IM utility software packages that are supported with IS 4.2.0 were released with ISTK 4.1.x and not ISTK 4.2.0. Customers should install IM utility software packages for ISTK 4.1.x.

Directory servers

		S 4.1 4.1.0)	_	4.SP1 1.1.1)	IS 4	.1.2	IS 4.2	2.0
	IS	ISTK	IS	ISTK	IS	ISTK	IS	ISTK
Novell eDirectory 8.7.3 Minimum version: Base	✓	✓	✓	✓	✓	✓	✓	✓
Novell eDirectory 8.8 Minimum version:					✓	✓	✓	✓
Sun Java™ Directory Server 5.1 Minimum version: Base	✓	✓	✓	✓	✓	✓	✓	✓
Sun Java Directory Server 6.2 Minimum version:					✓	✓	✓	✓
Microsoft Windows Server 2003 Active Directory Minimum version: Base	✓	✓	✓	✓	✓	✓	✓	✓
Microsoft Windows Server 2008 Active Directory Minimum version: Base					✓	✓	✓	✓

Microsoft Windows Server 2008 R2 Active Directory		✓	✓		
Minimum version: Base		Minimum IS 4.1.2-006	Minimum IS 4.1.2-006	√	✓

Content Federation Services and Image Services (CFS-IS) product compatibility

	IS 4.1 (4.1.0)	IS 4.1.SP1 (4.1.1)	IS 4.1.2	IS 4.2.0
Content Engine 3.5.2	✓	✓	✓	
Content Engine 4.0.1	✓	✓	✓	
Content Engine 4.5.0		✓	Minimum IS 4.1.2 FP-001	
Content Engine 4.5.1		Minimum release IS 4.1.1 FP-006	Minimum release IS 4.1.2 FP-002	
Content Engine 5.0.0			✓	✓
Content Engine 5.1.0			✓	Minimum release IS 4.2.0 FP-001 for bidirectional support
Content & Process Engine (CPE) 5.2.0			✓	Minimum release IS 4.2.0 FP-001 for bidirectional support
Content & Process Engine (CPE) 5.2.1			✓	Minimum release IS 4.2.0 FP-001 for bidirectional support

NOTE:

- For CFS-IS unidirectional support, CE 5.x supports the use of Image Services 4.1.2 and 4.2.0
- For CFS-IS bi-directional support, CE 5.1 and XT 1.1.5 support the use of Image Services 4.2 FP1
- For CFS-IS bi-directional support, CE 5.2 and XT 1.1.5 support the use of Image Services 4.2 FP1

Product compatibility

	IS 4.1 (4.1.0)	IS 4.1SP1 (4.1.1)	IS 4.1.2	IS 4.2.0
IDM 4.0.2		√ 1	√ 1	√ 1
IDM 4.0.3			√ 1	√ 1
Capture 5.2.0		√ ₂	√ 2	√ ₂
Capture 5.2.1		√ ₂	√ ₂	√ ₂
ISRA 3.4	✓	✓	✓	√ ₃
ISTK 4.1.0	✓	✓	✓	
ISTK 4.1.1	✓	✓	✓	
ISTK 4.1.2		✓	✓	√ ₆
ISTK 4.2.0				√ _{4,6}
Print 4.4	✓	Minimum release Print-4.4.0-017	Minimum release Print-4.4.0-018	√
RAC 4.1.0	✓	✓		
RAC 4.1.1	✓	✓	✓	

RAC 4.1.2	✓	✓	✓
RAC 4.2.0			✓

NOTE:

1. The IDM Hardware Software Guide provides specific IDM desktop release support details and should be referred to for further compatibility requirements using the following link:

https://www.ibm.com/support/docview.wss?uid=swa27009996

2. The Capture Hardware Software Guide provides specific Capture release support details and should be referred to for further compatibility requirements using the following link:

https://www.ibm.com/support/docview.wss?uid=swg27010327

- 3. ISRA 3.4 does not support the FIPS and Long Password security enhancements in IS 4.2.0.
- 4. Image Services Toolkit (ISTK) 4.2.0 *is not supported* with Image Services (IS) 4.1.x.

 Prior ISTK releases supported the matching IS release plus one back however, ISTK 4.2.0 requires the matching version of IS 4.2.0.

Reason: A Courier enhancement in IS and ISTK 4.2.0 to support IPV6 causes warning messages to be logged on IS 4.1.x servers because IS 4.1.x does not contain this IPV6 courier enhancement. The frequency of this warning message could cause excessive entries in the IS elog. For example, the warning message on IS 4.1.x could occur on the display of every document. This means that if you displayed 60,000 documents a day, you could have 120,000 information messages in your elog.

- 5. ISTK has to be installed prior to installing RAC and the versions must be at the same release level.
- 6. To be FIPS-compliant, all servers and clients in a FileNet Image Services environment must be running Version 4.2 FP8 (or higher) of the FileNet Image Services or FileNet Image Services Toolkit software. Because it is often impractical to install or upgrade all servers and clients at once, you can set the FIPS mode of a server or client to FIPS_PREFERRED. In this way, the server or client can communicate with another server or client that is not FIPS-compliant, but will communicate in FIPS mode with another server or client that is set to FIPS_PREFERRED or FIPS_ONLY mode.

Image Services Resource Adapter

Application servers and release support

	ISRA 3.4
WebLogic Application Server 10	✓
Minimum version: 10.0.x	
WebLogic Application Server 10.3	√
Minimum version: 10.3	
WebLogic Application Server 11G	✓
Minimum version: 11g	Supported from Fix pack 6 onwards
WebLogic Application Server 12c	Y
Minimum version: 12c	Supported from Fix pack 7 onwards
WebSphere Application Server 8.0	✓
Minimum version 8.0.x	
The state of the s	Supported from Fix pack 6 onwards *
WebSphere Application Server 8.5	✓
Minimum version 8.5.x	Supported from Fix pack 6 onwards *
	Cupported Hori in pack of oriwards
WebSphere Application Server 8.5.5	V
Minimum version 8.5.5.x	Supported from
	Fix pack 7 Interim Fix 3 *
	✓
WebSphere Application Server 9.0	
Minimum version 9.0	Supported from
	Fix pack 8 Interim Fix 4 onwards *
JBoss Application Server 5.0 (AS)	\checkmark
Open Source Edition	·
JBoss Application Server 5.0 EAP (5.1 AS)	✓
JBoss Application Server 6.1 (AS)	✓
	Supported from Fix pack 6 onwards
	√
JBoss Application Server 6.x EAP	Supported from Fix pack 7 onwards
	Supported from 11x pack 7 offwards

	ISRA 3.4
JBoss Application Server 7.x EAP	✓
	Supported from Fix pack 8 onwards

NOTE ISRA supports the SAP NetWeaver platform for * Please read the technote http://www-01.ibm.com/support/docview.wss?uid=swg21590429 to change cookie to enable applets running WebSphere Application Server v8.

Operating systems and WebLogic application servers

The latest minimum base versions of operating systems for WebLogic, refer the WebLogic support site.

	WebLogic 10.0	WebLogic 10.3	WebLogic 11g	WebLogic 12c
ISRA Version	3.4.0	3.4.0	3.4.0 fix pack 6 onwards	3.4.0 fix pack 7 onwards
IBM AIX 7 Minimum version: Base IBM POWER- based processors, 64-bit RISC/6000, 64-bit	✓	✓	✓	✓
Microsoft Windows Server 2008 Minimum Version: Base/RTM Editions: Enterprise	✓	✓	✓	
Microsoft Windows Server 2008 R2 Minimum Version: Base/RTM 64-bit Editions: Enterprise	✓	✓	✓	✓
Microsoft Windows Server 2012 Minimum Version: Base/RTM Editions: Enterprise	✓	✓	✓	ISRA 3.4.0 FP8 onwards
Red Hat Enterprise Linux 5 Minimum version: Base X86, 32/64 bit Edition: AS	✓	✓	✓	
Red Hat Enterprise Linux 6 Minimum version: Base X86, 32/64 bit Edition: AS	✓	✓	√	✓
Red Hat Enterprise Linux 7 Minimum version: Base X86, 32/64 bit Edition: AS				ISRA 3.4.0 FP8 onwards
Novell SUSE Linux Enterprise Server 9 Minimum version: Base x86 32/64 bit Edition: SLES	✓	✓	✓	

	WebLogic 10.0	WebLogic 10.3	WebLogic 11g	WebLogic 12c
ISRA Version	3.4.0	3.4.0	3.4.0 fix pack 6 onwards	3.4.0 fix pack 7 onwards
Novell SUSE Linux Enterprise Server 10 Minimum version: Base x86 32/64 bit Edition: SLES	✓	✓	✓	
Novell SUSE Linux Enterprise Server 11 Minimum version: Base x86 32/64 bit Edition: SLES	✓	✓	✓	
HP-UX 11i v3 (11.31) Minimum version: Base PA-RISC and Itanium	✓	✓	✓	
Sun Solaris 10 Minimum version: Base SPARC, 32/64 bit	✓	✓	✓	

Operating systems and WebSphere application servers

The latest minimum base versions of operating systems for WebSphere, refer the WebSphere support site.

	WebSphere 8.0	WebSphere 8.5	WebSphere 8.5.5	WebSphere 9.0
ISRA Version	3.4.0 fix pack 6 onwards	3.4.0 fix pack 6 onwards	3.4.0 fix pack 7 Interim fix 3	3.4.0 fix pack 8 Interim fix 4
IBM AIX 7 Minimum version: Base IBM POWER – based processors, 64-bit	✓	✓	✓	
IBM AIX 7.2 Minimum version: Base IBM POWER – based processors, 64-bit				✓
Microsoft Windows Server 2008 Minimum Version: Base/RTM Editions: Enterprise	✓	✓	✓	
Microsoft Windows Server 2008 R2 Minimum Version: Base/RTM 64-bit Editions: Enterprise	✓	✓	✓	
Microsoft Windows Server 2012 Minimum Version: Base 64-bit Editions: Standard			√ 3.4.0 fix pack 8	✓
Red Hat Enterprise Linux 5 Minimum version: Base X86, 32/64 bit Edition: AS	✓	✓	✓	
Red Hat Enterprise Linux 6 Minimum version: Base X86, 32/64 bit Edition: AS	✓	✓	✓	
Red Hat Enterprise Linux 7 Minimum version: Base X86, 32/64 bit Edition: AS				ISRA 3.4.0 FP8 onwards

	WebSphere 8.0	WebSphere 8.5	WebSphere 8.5.5	WebSphere 9.0
ISRA Version	3.4.0 fix pack 6 onwards	3.4.0 fix pack 6 onwards	3.4.0 fix pack 7 Interim fix 3	3.4.0 fix pack 8 Interim fix 4
Novell SUSE Linux Enterprise Server 10 Minimum version: Base x86 32/64 bit Edition: SLES	✓	✓	✓	
Novell SUSE Linux Enterprise Server 11 Minimum version: Base x86 32/64 bit Edition: SLES	✓	✓	✓	
HP-UX 11i v3 (11.31) Minimum version: Base PA-RISC and Itanium	✓	✓	✓	
Sun Solaris 10 Minimum version: Base SPARC, 32/64 bit	✓	✓	✓	

Operating systems and JBoss application servers

The latest minimum base versions of operating systems for JBoss, refer the JBoss support site.

	JBoss 5.0 AS	JBoss 5.0 EAP (5.1 AS)	JBoss 6.1 (AS)	JBoss 6.x EAP	JBoss 7.x EAP
ISRA Version	3.4.0	3.4.0	3.4.0	3.4.0	3.4.0
IBM AIX 7 Minimum version: Base IBM POWER-based processors, 64-bit RISC/6000, 64-bit	✓	✓	✓	✓	
Microsoft Windows Server 2008 Minimum Version: Base/RTM Editions: Enterprise	✓	✓	✓	✓	
Microsoft Windows Server 2008 R2 Minimum Version: Base/RTM 64-bit Editions: Enterprise	✓	✓	✓	✓	✓
Red Hat Enterprise Linux 5 Minimum version: Base X86, 32/64 bit Edition: AS	✓	✓	✓	✓	
Red Hat Enterprise Linux 6 Minimum version: Base X86, 32/64 bit Edition: AS	✓	✓	✓	✓	~
Red Hat Enterprise Linux 7 Minimum version: Base X86, 32/64 bit Edition: AS					ISRA 3.4.0 FP8 onwards
Movell SUSE Linux Enterprise Server 9 Minimum version: Base x86 32/64 bit Edition: SLES	✓	✓	✓		
Novell SUSE Linux Enterprise Server 10 Minimum version: Base x86 32/64 bit Edition: SLES	✓	✓	✓		

	JBoss 5.0 AS	JBoss 5.0 EAP (5.1 AS)	JBoss 6.1 (AS)	JBoss 6.x EAP	JBoss 7.x EAP
ISRA Version	3.4.0	3.4.0	3.4.0	3.4.0	3.4.0
Novell SUSE Linux Enterprise Server 11 Minimum version: Base x86 32/64 bit Edition: SLES	✓	✓	✓		
HP-UX 11i v2 (11.23) Minimum version: Base PA-RISC and Itanium	✓	✓			
HP-UX 11i v3 (11.31) Minimum version: Base PA-RISC and Itanium	√	✓			
Sun Solaris 9 Minimum version: Base SPARC, 32/64 bit	✓	✓			
Sun Solaris 10 Minimum version: Base SPARC, 32/64 bit	✓	✓		✓	✓

Directory servers

	ISRA 3.4
Novell eDirectory 8.7.3 Minimum version: Base	✓
Novell eDirectory 8.8 Minimum version: Base	✓
Sun iPlanet Directory Server 5.2 Minimum version: Base	✓
Sun Java Directory Server 6.3 Minimum version: Base	✓
Microsoft Windows Server 2003 Active Directory Minimum version: Base	✓
Microsoft Active Directory Servers 2008 Minimum version: Base	✓

Product compatibility

	ISRA 3.4
Image Services 4.1.x	✓
Image Services 4.2.0	√ 1
Application Engine 3.5.1	√ ₂
Application Engine 3.5.2	√ ₂
Application Engine 4.0.1	√ ₂
Application Engine 4.0.2	\checkmark_2
Globalization	√ ₂
IBM Daeja ViewOne 4.1.0	✓
	ISRA 3.4 Fix pack 7 Interim fix 3 onwards
IBM Daeja ViewOne 4.1.3	✓
	ISRA 3.4 Fix pack 7 Interim fix 7 onwards

	ISRA 3.4
IBM Daeja ViewOne 4.1.4	✓
	ISRA 3.4 Fix pack 8 onwards

NOTES: ISRA 3.4 does not support the FIPS and Long Password security enhancements in IS 4.2.0.

1. The above compatibility matrix between P8 AE and ISRA represents the combinations that are supported for the integration between these two products. However, collocation without the integration is supported for all combinations of these 2 products

Farming and clustering

ISRA 3.4.0 support farming and clustering on the following platforms:

- IBM WebSphere on all supported operating systems
- WebLogic on all supported operating systems
- JBoss on all supported operating systems

Globalization

ISRA 3.4.0 supports Globalization for specific languages like Arabic, German, English, and Japanese. Users can choose a client code page by setting the "ClientCodePage" parameter in ra.xml file.

JAAS support

ISRA supports JAAS on the application servers and previously listed platform combinations.

Image Services Connector for IBM Content Navigator

Application servers and release support

	IS Connector for ICN 1.2.0	IS Connector for ICN 1.3.0	IS Connector for ICN 1.4.x
WebSphere Application Server 8.5 Minimum version 8.5.5	✓	✓	✓

	IS Connector for ICN 1.4.x
Oracle WebLogic 12cR1 (12.1.1)	
http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-	\checkmark
certification-100350.html	·
Refer to the preceding link to determine the OS support.	

Operating systems and WebSphere Application Servers

	WebSphere 8.5.x	WebSphere 8.5.x	WebSphere 8.5.x
Image Services Connector for ICN version	1.2.0	1.3.0	1.4.x
IBM AIX 6.1 Minimum version: Base IBM POWER – based processors, 64-bit	✓	✓	✓
IBM AIX 7 Minimum version: Base IBM POWER – based processors, 64-bit	✓	✓	✓
Microsoft Windows Server 2008 R2 Minimum Version: Base/RTM 64-bit Editions: Enterprise	✓	✓	✓
Microsoft Windows Server 2012 Minimum Version: Base/RTM 64-bit Editions: Enterprise	✓	✓	✓

	WebSphere 8.5.x	WebSphere 8.5.x	WebSphere 8.5.x
Red Hat Enterprise Linux 6 Minimum version: Base X86, 32/64 bit Edition: AS	✓	✓	✓
Microsoft Windows Server 2012 R2 Minimum Version: Base/RTM 64-bit Editions: Enterprise			✓

IBM Content Navigator support

	IS Connector for ICN 1.3.0	IS Connector for ICN 1.4.0	IS Connector for ICN 1.4.0.2
IBM Content Navigator Minimum version 2.0.3.4	✓		
IBM Content Navigator Minimum version 2.0.3.5		✓	
IBM Content Navigator Minimum version 3.0			Technote http://www- 01.ibm.com/support/docview.wss?uid=swg22002778

- The Image Services connector for IBM Content Navigator consists of two components:
 - A CMIS-based server (Not fully compliant)
 - An IBM Content Navigator plug-in

NOTE: The Image Services connector for IBM Content Navigator does not support customized CMIS client applications.

Print

RightFax and IDM Desktop

	Print 4.4
RightFax	✓
Version 8.7 Outbound Fax	Minimum Print-4.4.0-001
RightFax	✓
Version 9.0 SP2 Outbound Fax	Minimum Print-4.4.0-008
RightFax	✓
Version 9.3 Outbound Fax	Minimum Print-4.4.0-011
IBM FileNet IDM Desktop	✓
Version 4.0.2	Minimum Print-4.4.0-016
IBM FileNet IDM Desktop	✓
Version 4.0.3	Print-4.4.0-019

• Effective May 13, 2010, FileNet Fax can no longer be obtained directly from IBM. End of support for version 5.1.0 will be effective September 30, 2011. Please refer to the IBM Tech Note.

http://www.ibm.com/support/docview.wss?uid=swg21440216

Operating systems and release support

	Print 4.4
Microsoft Windows 2000	
Minimum version: SP4	· · · · · · · · · · · · · · · · · · ·
Edition: Server, Advanced Server	Minimum: Print-4.4.0-005
Microsoft Windows 2003	√
Minimum version: SP2	•
Edition: Standard, Enterprise	Minimum: Print-4.4.0-012
Microsoft Windows 2003 R2	\checkmark
Editions: Standard, Enterprise	
	Minimum: Print-4.4.0-012
Microsoft Windows Server 2008	
Versions supported: Base/RTM	✓
x86-32-bit, x86-64-bit	Minimum: Print-4.4.0-021
Editions: Standard, Enterprise, Datacenter	Willimum. 1 mic-4.4.0-021
Microsoft Windows Server 2008 R2	
Versions supported: Base/RTM	✓
x86-64-bit	Minimum: Print-4.4.0-021
Editions: Standard, Enterprise, Datacenter	Williamum. 1 tint 4.4.0 021
Microsoft Windows Server 2012	
Versions supported: Base/RTM	✓
x86-64-bit	Minimum: Print-4.4.0-021
Editions: Standard, Enterprise, Datacenter	William Table 4.4.0 021
Microsoft Windows Server 2012 R2	
Versions supported: Base/RTM	✓
x86-64-bit	Minimum: Print-4.4.0-021
Editions: Standard, Enterprise, Datacenter	William T. T. O. O. Z.
Microsoft Windows Server 2016	
Versions supported: Base/RTM	✓
x86-64-bit	Minimum: Print-4.4.0-024
Editions: Standard, Enterprise, Datacenter	WHITHINGTE THE TETO VET

NOTE To use Print 4.4 with Windows 2008, the Windows User Access Control (UAC) feature must be disabled.

As of July 2015, Windows 2003 entered EOS. Going forward, Print 4.4 fix packs will no longer be tested with Windows 2003. Print support will
continue to accept PMRs for Windows 2003 based configurations, however if a problem is suspected to be Windows dependent, you may be
required to recreate the problem on a supported version of Windows.

As of July 2010, Windows 2000 entered EOS. Going forward, Print 4.4 fix packs will no longer be tested with Windows 2000. Print support will
continue to accept PMRs for Windows 2000 based configurations, however if a problem is suspected to be Windows dependent, you may be
required to recreate the problem on a supported version of Windows.

Product compatibility

	Print4.4
Image Services 4.1.x	Minimum; PRINT-4.4.0-018
Image Services 4.2.0	Minimum; PRINT-4.4.0-02

Additional support statements

Remote Desktop

Microsoft Terminal Services		
	Remote Desktop Connection version 5.2	Remote Desktop Connection version 6.0
Microsoft Windows Server 2008		
Minimum version: Base/RTM		
x86, 32/64-bit		Y
Editions: Standard, Enterprise, and Datacenter		
Microsoft Windows Server 2008		
Minimum version: Base/RTM		
x86, 64-bit		Y
Editions: Standard, Enterprise, Datacenter		
Microsoft Windows XP		
Minimum version: SP1		
x86, 32-bit	Y	Y
Editions: Professional		
Microsoft Windows Vista		
Minimum version: Base/RTM		
x86, 32/64-bit		Y
Editions: Business		
Microsoft Windows 7		
Minimum version: Base/RTM		
X86-32 bit, X86-64 bit		Y
Editions: Professional, Ultimate		

NOTE: Starting with Image Services 4.1.1 FP3, IBM FileNet supports Remote Desktop (Terminal Services)

The support of Remote Desktop with Terminal Services does not apply to Print or ISRA products.

Citrix

Citrix is a Terminal Services application. Image Services, IM Utilities, ISRA, and Print are not supported with Citrix.

Server virtualization technologies

For support of Tivoli Storage Manager SDK and EMC Centera storage SDKs in virtualized environments please refer to the following:

IBM Tivoli Storage Manager: <a href="http://www.ibm.com/support/docview.wss?rs=663&context=SSGSG7&uid=swg21239546&loc=en_US&cs=utf-8&lang=en_US&cs

EMC Centera: Please contact EMC to inquire about support of their Centera SDK in virtualized environments.

Support for operating system-based virtualization technologies

	IS 4.1 (4.1.0)	IS 4.SP1 (4.1.1)	IS 4.1.2	IS 4.2.0
AIX LPAR ¹	√	✓	http://www- 01.ibm.com/support/docview.wss? uid=swg22014913	AIX 6.1 TL5, 7.1, and 7.2 http://www- 01.ibm.com/support/docview. wss?uid=swg22014913
AIX 6.1 & 7.1 WPAR ²				✓
AIX Micropartitioning ¹	✓	✓	✓	✓
Windows VMWare 3.1 & 4.1 ESX , 5.x ESXi server ²	✓	✓	✓	✓
Windows 2008 & 2008 R2 Hyper V ²			✓	✓
Solaris 10 Zones (Sparse Zones) ^{2, 3}	✓	✓	✓	✓
HP Integrity 11i v3 (11.31) NPAR, VPAR, HPVM ²			✓	✓
SUSE/RHEL KVM ^{2, 4}			✓	✓
Oracle VM Server) ² (Oracle Sun LDOMs)			✓	✓

NOTE

¹Optical devices in an LPAR environment must have exclusive access to the device. They are only supported with the physical assignment of the SCSI adapter to a LPAR and not through a VIO server.

Software support for IBM SWG products in a VMware® environment

http://www.ibm.com/support/docview.wss?&uid=wws1e333ce0912f7b152852571f60074d175

File System encryption technologies

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

IBM supports its software deployed in environments using these products unless otherwise noted. However, if in the course of troubleshooting its software IBM determines an issue related to the encryption product, IBM might require that the customer reproduce the problem in a non-encrypted configuration, and due to the nature of these technologies, cannot guarantee resolution of the encryption-related issue.

High Availability technologies

In general, IBM FileNet Image Services provides an infrastructure that can be leveraged by any high availability technology. However, it is prudent to do a proof of concept test, or even a pilot project, to confirm that the configuration functions as expected. For more information, see the *IBM FileNet Image Services High Availability Procedures and Guidelines* (Combined VERITAS Cluster Server and Microsoft Cluster Server information). To download this document, see Access IBM FileNet documentation on page 4.

² Optical devices are not supported

³ Only Sparse Zones are supported on Sun Solaris 10 starting with the IS/ISTK 4.1.2 release.

⁴ KVM support is limited to the 4.1.2 and 4.2.0 versions IS/ISTK, with KVM on Red Hat Enterprise Linux (RHEL) and SUSE Linux Enterprise Server (SLES). Supported guest operating systems are Windows 2008 R2, 2008, 2003 R2, 2003, Windows 7, Vista, XP

Revision table

Date	Description
10 Sep 2018	ISRA: Removed release support for Sun GlassFish Enterprise Server 2.1 and Oracle 10g application servers. Removed IBM AIX 6.1 and Red Hat Enterprise Linux 4 operating systems support for WebLogic application server. Removed IBM AIX 6.1 and SUSE Enterprise Server 10 operating systems support for WebSphere application server. Removed IBM AIX 6.1, Microsoft Windows Server 2003, Microsoft Windows Server 2003 R2, and Red Hat Enterprise Linux 4 operating systems support for JBoss application server. Removed the Oracle 10g and Sun GlassFish Enterprise Server 2.1 support for the following operating systems: IBM AIX 6.1 IBM AIX 7 Microsoft Windows Server 2003 Microsoft Windows Server 2003 Microsoft Windows Server 2008 R2 Microsoft Windows Server 2008 R2 Red Hat Enterprise Linux 4 Red Hat Enterprise Linux 5 Red Hat Enterprise Linux 5 Red Hat Enterprise Linux Enterprise Server 10 Novell SUSE Linux Enterprise Server 11 HP-UX 11i v2 (11.23) HP-UX 11i v3 (11.31) Sun Solaris 9 Sun Solaris 10
29 Aug 2018	ISRA: Added RHEL 7 OS support for ISRA FP8 for WebLogic 12c, WebSphere 9.0, and JBoss 7.x application servers.
13 Aug 2018	Added support for Data ONTAP version 9.x for Snaplock NetApps.
28 Jun 2018	Print: Added Windows 2016 support for Print.
13 Jun 2018	IS: Added support for Oracle 12c (12.2.0).
14 May 2018	IS: Removed IS Connector for ICN 1.2.0 and IBM Content Navigator 2.0.3.2 support information.
23 Mar 2018	IS: Added support for AIX 7.2 LPAR.
28 Feb 2018	IS: Hitachi HCP enabled Storage v7.3.x support in IS 4.1.2 and IS 4.2.0 included.
15 Feb 2018	ISRA: WAS 9.0 support in ISRA 3.4 FP8 included. WAS 6.1 and WAS 7.0 support removed.
14 Nov 2017	IS: Added information about ECS 3.1 in Note 3.
27 Jul 2017	IS: Added support for DB2 11.1.
27 Apr 2017	IS: Added support for Windows Server 2016. Added support for Microsoft SQL Server 2016. Added support information for Image Services Connector for ICN (3.0).

Date	Description
Date	Added ISTK and RAC support for Microsoft Windows 10
	Adda to the disposition missions will add to
2 Mar 2017	ISRA: JBoss 7.x EAP support in ISRA 3.4 FP8 included.
19 Jan 2017	IS: Added information about ECS 3.0 in Note 3. Corrected Oracle 11g R2 and 12c versions in Databases table.
12 Jan 2017	IS: Fixed the broken URL for Optical Drive and Libraries (OSAR).
22 Dec 2016	IS: Dell EMC Centera SDK v3.2.705 support in IS 4.1.2 and IS 4.2.0 included. Added corresponding Note 3.
24 Aug 2016	JBoss 6.x EAP support in ISRA 3.4 FP7 included. Removed all other instances, such as JBoss 6.1 EAP, JBoss 6.2 EAP, and JBoss 6.3 EAP support in ISRA 3.4 FP7.
16 Oct 2015	ISRA: Windows 2012 server and IBM Daeja ViewOne 4.1.4 support info for ISRA 3.4 Fix pack 8 added. Windows 2003 support is removed.
10 Jul 2015	ISRA: JBoss 6.3 EAP support in ISRA 3.4 FP7 included.
24 Mar 2015	Verified & corrected links Added IBM Content Navigator to Legend Added IS & ISTK 4.1.0 out of support message Added support for AIX 7.2 Added Microsoft Windows 2012 R2 support Added a statement addressing Windows 2003 Added a statement addressing Windows 2000 Added a statement addressing Windows XP Added Oracle 12c support Added Microsoft SQL Server 2012 R2 support Added Microsoft SQL Server 2014 support Modified Data ONTAP support to include 8.x Added TSM 6.4 support to the SDS storage table Removed reference to DART 1.8.2 support Added Ore for CPE 5.2.1 bi-directional support. Removed reference to ISTK 4.0.50 support Added support information for Image Services connector for ICN (1.3.0) Removed reference to IDM Desktop 4.0.0 and 4.0.1 Added End of Support message for FileNet Fax.
05 Mar 2015	ISRA: JBoss 6.2 EAP support in ISRA 3.4 FP7 included. JBoss 4.3 EAP support removed.
30 Sept 2014	ISRA: WAS 8.5.5 and IBM Daeja ViewOne 4.1.0 support info in ISRA 3.4 Fix pack 7 Interim fix included.
07 July 2014	ISRA: JBoss 6.1 EAP support in ISRA 3.4 FP7 included.
02 Apr 2014	ISRA: Added support information on WebLogic 12c on ISRA 3.4 Fix pack 7. WebLogic 9 version is deprecated. Row IBM AIX 5.3, HP-UX 11i v2 (11.23), and Sun Solaris 9 are removed, related to WebLogic 9. Print Microsoft Windows 2000, SP4, Prof. Windows XP SP2, Prof., Windows Vista, Business - rows removed as

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Date	Description thou are not supported for Print 4.4
	they are not supported for Print 4.4
18 Mar 2014	IS: Added a note to the Product Compatibility section about FIPS compliance requirements
4 Feb 2014	ISRA: Open source editions of servers have been removed from the table "Application servers and release support".
13 Dec 2013	IS: Added support for Solaris 11, Windows 2012, Windows 8 Removed support for SQL2000 Cleaned up notes in each section Removed support for Windows 2000 Active Directory Removed console mode restriction for Remote Desktop (Terminal Services) Replaced broken technote link on page 25
04 Jun 2013	IS: Added ONTAP v8 support for Added Oracle VM servers (Sun LDOM) support Added TSM 6.3 support to the SDS storage table Added a statement addressing conditional support for the Centera SDK 3.3 libraries Added a statement addressing DB2 8.2 and 9.1 EOS Removed restriction to use Remote Desktop support in console mode only ISRA: ISRA3.4 FP6 and WebSphere Application Server 8.5 support added. Removed WebSphere Application Server 6.0 support info.
22 Feb 2013	ISRA: JBoss6.1 support in ISRA 3.4 FP6 included. JBoss 4.2.3 support is deprecated.
24 Jan 2013	IS: Removed non-support statement for Oracle Exadata Added support for DB2 v10.1 for 4.1.2
18 Dec 2012	IS: Added support note for AIX 5.3 entering EOS. Added support for DB2 v10.1 for 4.2.0 Added support for Centera 3.3 SDK for Windows 2008 R2
8 Nov 2012	ISRA: Weblogic11g support in ISRA3.4 FP6 included.
18 Sep 2012	IS: Added support for SQLServer 2012 Added RHEL 6.0 support for Oracle databases Oracle Partitioning statement revised Added O/S version support for the IBM N-series/NetApp SnapLock - CIFS/NFS V2 and V3 Print: Modified minimum release level supported with IS 4.2.0
21 Aug 2012	ISRA: ISRA3.4 FP6 and WebSphere Application Server 8 support added.
05 Apr 2012	IS: Added KVM virtualization support Added note that Oracle runtime database sold with Image Services is no longer supported as of 12/31/11 Added support for IDM 4.0.2 with IS 4.1.SP1 in the product compatibility matrix Added support statement for TSM and SSAM in the storage section
06 Mar 2012	ISRA: Application Engine 4.5.0 edited to 4.0.2 under Product Compatibility section.
14 Oct 2011	IS: Added reference to the IBM FileNet IDM Desktop, Web Services and Open Client, IBM FileNet Content Services, IBM FileNet eForms and IBM FileNet eProcess Hardware and Software Requirements guide. Updated compatibility matrix for IDM 4.0.2 & 4.0.3 support

Date	Description
	Updated compatibility matrix for Capture 5.2.0 & 5.2.1 & ISRA 3.4; modified notes to provide link to product
	software guides Added note to IM Utilities section - The IM utility software packages that are supported with IS 4.2.0 were not released with ISTK 4.2.0. Customers should install the versions for ISTK 4.1.x.
	ISRA: Updated the compatibility matrix and NOTES section Print:
	Updated compatibility matrix for IS 4.2.0 support with Print 4.4 Updated compatibility matrix for IDM 4.0.3 support with Print 4.4
20 Aug 2011	IS: CFS-IS note added for unidirectional and bidirectional synchronization support Reworded Oracle Instant 32 bit client statement in the notes of the database section Added restriction to use Remote Desktop support in console mode only Removed support of ISTK 4.2.0 with 4.1.x releases and added a note with an explanation Fixed numbered notes in virtualization section ISRA: Support for RHEL6 OS for all app servers under ISRA section.
15 May 2011	IS: Added IS 4.2.0 release to the appropriate tables Added non support statement for Oracle Exadata in the Notes section of the database support table Added WPAR support for IS 4.2.0 Added HP Integrity NPAR, VPAR, HPVM to virtualization table Added non support statement for HP-UX PA-RISC platform for IS 4.2.0 Split the HP PA-RISC and Integrity operating system row to properly reflect current release support Corrected name of the sync write test utility Added statement that NLS 2.0 is not supported on IS 4.2.0 except for previously written documents ISRA: Added JBoss 4.3 EAP for all Operating Systems in the list Added AIX 7 for all Application servers in the appropriate tables Removed AIX 5.2 for all application servers
30 Oct 2010	IS: Added Oracle 11g R2 support Added SQLserver 2008 R2 support Added DB2 pureScale support Added ISTK reference to Solaris zones statement Added Hyper V to virtualization table Added EMC Centera 3.2.5 support Added Tivoli 6.2 support Added Tivoli 6.2 support with IS 4.1.SP1 Changed reference from 4.1.3 release to 4.2.0 Print: Added Windows 2008 R2 support for print ISRA: Removed Jboss 4.0 Added Win 2008 R2 support for all app servers
31 May 2010	Updated SUSE Linux Enterprise 11 support for all app servers Added IS support for Windows 2008 R2 Clarified statement on Solaris Sparse Zone support Added MSAR support policy Fixed the link to the EMC support policy Added MS Windows 2008 R2 to Directory Server table Dropped TSM v5.3 with IBM System Storage DR 550 from table Modified the HCAP/HCP SDS device description Dropped MS Windows Server 2003 from remote desktop table ISRA: Added JBoss 5.0 EAP (5.1 AS) support to the Operating systems and JBoss Application Servers table ISRA: Added Sun GlassFish Enterprise Server 2.1 support ISRA: Added Novell SUSE Enterprise Server 11 support
31 Jan 2010	Replaced customer support statement in introduction Added Oracle TDE support statement

Date	Description
	Added Oracle 11g RAC support
	Added Windows 7 support
	Added Windows 2008 R2 support
	Added ECM Centera SDK 3.2.4 support
	Modified Centera support statement
	Removed two database notes (SQL2005 64 bit only & SQL2000 support on Windows 2000)
	Added Windows 7/2008 R2 support to the remote desktop table
	Modified the optical support statement in the notes below the operating system based virtualization
	technologies table Added SANS and NAS support policy link
	Remove Solaris 8 support
	Removed the following from tables pertaining to ISRA:
	ISRA 3.3
	Windows Server 2000
	Red Hat Enterprise Linux 3
	HP-UX 11i v1 (11.11)
	WebSpehere 5 and 5.1
	WebLogic Application Server 8.x
	Added the following to tables related to ISRA:
22 Sep 2009	WebLogic Application server 10.3
	JBoss 5.1 GA
	LDAP servers Novell eDirectory 8.8 and Sun Java Directory Server 6.3
	Added Content Engine 4.5.1 support to CFS-IS product compatibility matrix
	Added DB2 9.7 support
	Added Tivoli Storage Manager 6.1 support Removed eProcess and BPM from compatibility matrix
	Added database note: IS has not tested and does not support Oracle databases partitioning technology
	Removed Print 4.3 support in all tables
	Removed restriction to use Remote Desktop support in console mode only
	Removed IS 4.0.50 from all tables
	Changed OS level tables to reflect minimum version supported
	Removed Solaris 2.6 support
	Removed DB2 8.1 support
	Replaced Copyright & Intellectual Property Licenses
	Added Storage virtualization statement
	Added operating system virtualization table
08 June 2009	Minor update to print release support
	Removed Centera SDK 3.0, 3.1.0 support
	Added Centera SDK 3.2.3 support
	Removed eprocess 5.1 support from compatibility matrix Added Oracle instant client support statement
	Added High Availability technology support statement
	Clarified some verbiage under the Database notes
	Removed IS 4.0.50 from ISRA product compatibility table
	ISRA table correction "Operating systems and WebSphere application servers" page 22
	IS OS patch support updates for AIX, HP, Solaris
	IS Centera SDK table support clarification expanded
24 Apr 2009	IS Support for SQL Server 2008
24 Apr 2003	Support for Remote Services in console mode added
	File system encryption technologies statement added
	Removed redundant verbiage under server virtualization technologies link
	Demonstrate distribute antides after the introduction to appear of a constant for any description of the contract of the contr
00 5-1-000	Removed duplicate entries after the introduction to access documentation and customer support
06 Feb 2009	February update
06 Feb 2009 31 Dec 2008 29 July 2008	i ·

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