



Image Services

Release Content Description

Release 4.0 SP3

9844126-001

March 2005

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About This Manual

Scope

This document describes the new features in FileNet Image Services (IS) Release 4.0 SP3. Image Services 4.0 SP3 software is comprised of the following products:

- Image Services for AIX/6000
- Image Services for HP-UX
- Image Services for the Solaris Operating Environment
- Image Services for Windows Server

Refer to the following documents for contents of previous Image Services 4.0 releases:

Image Services Release 4.0.0 Content Description 9844093-001
Image Services Release 4.0 SP1 Content Description 9844106-001
Image Services Release 4.0 SP2 Content Description 9844118-001

Procedures, Guides, and Handbooks

The procedures, guides, and handbooks listed below contain additional material describing Release 4.0 SP3 features. These documents are included on the Image Services 4.0 SP3 software CD.

IS Index and WorkFlo Database Contents

IS System Administrator's Handbook

IS System Tools Reference Manual

Refer to the documentation CD released with Image Services 4.0.0 and documentation on the Image Services 4.0 SP1, SP2, and DB2 Edition software CDs for the latest versions of all other Image Services manuals.

The guide listed below describes the new features in Remote Admin Console for IS 4.0.30. This document is included on the RAC software CD.

Remote Admin Console User's Guide

The guide listed below describes the new Content Federation Services for Image Services (CFS-IS). This document is included on the CFS-IS 4.0.30 software CD.

FileNet P8 Content Federation Services for Image Services Guidelines.

Image Services Toolkit 4.0.30 did not require an update to the documentation.

Education

FileNet provides various forms of instruction. Please visit the Global Learning Services in FileNet's Service & Support area at www.filenet.com.

Comments and Suggestions

FileNet invites all customers to communicate with the Documentation group on any question or comment related to FileNet manuals and online help. Send email to:

docs@filenet.com

We will make every effort to respond within one week. Your suggestions help us improve the products we deliver.

Feature Summary

Image Services (IS) Release 4.0 SP3 includes the following features:

- Support for Content Federation Services for Image Services (CFS-IS), allowing Image Services and FileNet P8 Platform to work together.
- Support for Plasmon Ultra Density Optical (UDO) drives and media.
- FileNet System Manager capabilities for better performance reporting.

In addition, this document references features in the Remote Admin Console for IS 4.0.30 and Image Services Toolkit 4.0.30. Note that both the RAC and ISTK releases are full releases, not service packs.

The **[“Image Services 4.0 SP3 Enhancement Summary” on page 9](#)** includes a list of enhancements included in Image Services 4.0 SP3. These enhancements are described in more detail in the main section of this document. Enhancement Records replace the Release Content Items (RCIs) and Software Enhancement Proposals (SEPs) used in previous releases.

Some features listed in this document will be post-qualified. Check the CSS Web site for notification of successful qualification.

To review the changes that affect a particular software subsystem, see **[“List of Enhancements by Subsystem” on page 31](#)**.

Image Services 4.0 SP3 Enhancement Summary

The following list summarizes the enhancements made to the FileNet Image Services software in this release. Enhancement Records are listed in numerical order.

Certain Image Services 4.0 SP3 enhancements may not be included in this list and/or documented in this Release Content Description. These enhancements generally fall in one of the following categories:

- Enhancements for internal features, such as test scripts, that are not released to the field.
- Enhancements for internal interfaces to other FileNet products.
- Enhancements for preliminary work on features that will not be implemented until a future release.

Enhancements Implemented in Image Services 4.0 SP3

Enhancement Number	Description	See Page
130576 130577 130578 130579 130580 130581 137796 137798 137800	Support Plasmon Ultra Density Optical (UDO) drives and media.	16
130939	Release FN_link for dynamic linking in CFS-IS.	12
130941 130942 130943 130944 130945 130946 130947 130948 130949 130950 130951 130952	Support Image Services as a fixed content device for FileNet P8 Platform.	12
130953 130954 130955 130956 130957	Support Image Services as a front-end high volume capture device for FileNet P8 Platform.	12
130958 130959 130960	Support cataloging existing Image Services content in the FileNet P8 Platform Content Engine.	12

Enhancements Implemented in Image Services 4.0 SP3, continued

Enhancement Number	Description	See Page
130961	Add an efficient method for reading XML files.	<u>12</u>
130962 130963 130964 130965 130966	Release IS Toolkit 4.0.30.	<u>27</u>
130967 130968 130969	Release Remote Admin Console 4.0.30.	<u>30</u>
131036 131037	Allow Configuration Database (CDB) to be cloned.	<u>22</u>
131054	Qualify operating systems and compilers for Image Services Toolkit 4.0.30.	<u>27</u>
131055	Qualify Image Services 4.0 SP3 and Image Services Toolkit 4.0.30 combinations.	<u>28</u>
131066	Support FileNet System Manager.	<u>21</u>
139002	Support Sun StorEdge Ultra 320 LVD/SE SCSI adapter (post-qualification).	<u>17</u>

Enhancement Descriptions

Content Federation Services for Image Services

FileNet P8 Platform Services and Image Services

Enhancement Requests: 130939, 130941, 130942, 130943, 130944,
130945, 130946, 130947, 130948, 130949,
130950, 130951, 130952, 130953, 130954,
130955, 130956, 130957, 130958, 130959,
130960, 130961

SCRs: 205449, 205450, 205461, 205463, 205500, 206704
(Application Utilities)
201485, 201829 (Batch Services)
201106 (Database Maintenance)
198549, 198556, 198559, 201101, 201489, 202222, 206318
(Generic Database)
198537, 198562, 201105, 201452, 201855, 202221, 203979,
206703, 194629, 194632, 194633, 194634, 194635, 194636,
194637, 194978, 195709, 195722, 195725, 195726, 196398,
196413, 196414, 196430, 196434, 196441, 197114, 197141,
197819, 197817, 197867, 202224, 202226, 202227, 202240,
202591, 202592, 203625, 203624, 205891, 205893, 205916,
206323, 206329, 206337, 206338, 206330, 206346, 206351,
206705, 207408, 207416, 207418, 207420, 207766, 208133,
208142, 208144, 208486, 194974, 194975, 195711, 196391,
197835, 198531, 206961, 207062, 207052 (Index Services)
201832, 201834, 201831, 201835 (Localized Files)
206726 (OSAR Services)
205929, 205933, 205937, 205946, 205948, 205949, 206352,

206710, 206708, 206709, 206717, 206718, 207063, 207066,
207404, 207405, 207406, 207409, 207410, 270411, 194625,
194626, 194628, 194996, 194997, 194998, 195688, 195689,
197138, 197139, 205527, 205532, 208433, 208483, 208484
(P8 Integration)
198530, 198533, 198534, 198536, 198540, 198547, 198569,
199230, 199234, 199247, 207064 (System Configuration
Tools)
202239, 207065 (SystemV Application Executive)
193914, 194623, 194627, 198535, 201453, 201486, 201830,
206728 (SystemV Miscellaneous)
206301(WAL Applications)

Implementation: All platforms

Content Federation Services for Image Services (CFS-IS) is the first of several federation products to leverage the capabilities of the FileNet P8 Platform with the capabilities of other FileNet products. CFS-IS allows you to combine the strength of IS storage and retrieval with FileNet P8 platform cataloging.

You can use CFS-IS in several different ways.

- You can bring documents into the system through either the IS or the FileNet P8 Platform, with content being stored in IS.
- You can catalog documents in the FileNet P8 Platform only or in both the IS and FileNet P8 Platform.
- You can export the catalog entries for existing IS documents to the FileNet P8 Platform.

- Depending on where the catalog information is stored, you can retrieve and view documents through FileNet P8 Platform applications such as WorkPlace or through Image Manager applications such as IDM Desktop.

You control how documents are handled by setting up corresponding document classes in both IS and FileNet P8 Platform and then mapping the document classes to one another.

You make the IS visible to the FileNet P8 Platform by identifying the IS as a fixed content device.

The FileNet P8 Platform Content Engine uses an enhanced version of ISTK to store and retrieve document content on Image Services. The Content Engine makes calls exclusively through the SSI (Single document Storage Interface) abstract. SSI is a new client-side abstract that is layered above ISTK. SSI is only exposed internally.

The New CFS Connector - IS Catalog Export tool allows you to export the catalog entries for existing Image Services documents. This new tool is available only from the Remote Admin Console (RAC) and is described in both the *RAC User's Guide* and in the *FileNet P8 Content Federation Services for Image Services Guidelines*.

INX_tool now includes two new parameters: ce_info and ce_conf. These parameters provide information about the FileNet P8 Platform Content Engine.

Certain existing IS tools work slightly differently in a CFS-IS environment. Changes to the tools below are described in the [**IS System Tools Reference Manual**](#):

- dbverify
- ddexim
- deldocs
- INX_export
- INX_tool
- ixdbstat
- odrecover
- remove_docs_ref
- stdoccpy
- stdocimp
- WRT_clean

Other CFS-IS tools, such as the CFS-IS Connection Monitor, are available through the FileNet P8 Platform. These tools are described in the *FileNet P8 Content Federation Services for Image Services Guidelines* and the FileNet P8 Platform help.

Details on CFS-IS are provided in the *FileNet P8 Content Federation Services for Image Services Guidelines* document. The *Guidelines* includes an overview, configuration instructions, best practices, and troubleshooting information. The CFS-IS Guidelines document is available on the CFS-IS CD-ROM and on the FileNet CSS web site.

Hardware

Plasmon Ultra Density Optical (UDO) Drives and Media

Enhancement Requests: 130576, 130577, 130578, 132579, 130580, 130581, 137796, 137798, 137800

SCRs: 211069 (Database Maintenance)
211062 (Document Services)
211064, 212203, 216272 (FileNet Network Management)
211068, 211071 (Kernel Drivers)
212168, 212169, 212170, 212175 (Localized Files)
211066, 211072, 211791, 211797, 212139, 212146, 212151, 211075, 212916, 213892, 213933, 216269, 216284 (OSAR Services)
211070, 212205, 216268, 216271 (Server Control/ Management)
211067, 212183, 212189, 212207, 216254 (System Configuration Tools)
211058 (SystemV Miscellaneous)

Implementation: All platforms

Ultra Density Optical (UDO) is the next generation of 5.25" optical storage and is supported by Plasmon and other manufacturers. UDO is intended to replace current 9.1GB MO (magneto-optical) products.

The initial capacity of Plasmon UDO drives is 30GB per cartridge. UDO uses a blue-violet laser and phase change recording technology to achieve its high capacity. The drives are standard half-height 5.25" format, housed in a cartridge that is the same size as existing 5.25" MO drives. UDO supports Write Once and Rewritable media, where Write Once is true WORM via phase change.

Image Services now supports Plasmon's enterprise level G-Series libraries, which can be configured with up to 638 slots for a 19 TB capacity. Although G-Series libraries can support mixed UDO / MO drives and media, IS only supports UDO alone.

You can now select the new UDO drive type through System Configuration Tools.

Sun StorEdge Ultra 320 LVD/SE SCSI Adapter

Enhancement Requests: 139002

Implementation: Image Services for the Solaris Operating Environment, to be post-qualified

The Sun StorEdge SG-XPCI2SCSI-LM320 PCI/PCI-X Ultra 320 Dual Port LVD/SE SCSI Adapter has now been qualified. This adapter is supported on a wide range of Sun servers, including:

- Ultra 60, 80

- Sun Blade 100, 1000, 1500, 2000, 2500

- Enterprise 220R, 250, 420R, 450

- Sun Fire 280R, V480, V880

- Sun Fire V20z, V40z, V60x, V65x

- Sun Fire V120, V210, V240, V250, V440

Support for this adapter is particularly important because the Sun X6758A LVD /SE adapter supports only Plasmon G-series libraries and the LSI ITI6200U3LP-S LVD/SE adapter is increasingly unavailable.

Refer to the CSS Web site for notification of successful qualification.

Operating Systems

AIX

Implementation: Image Services for AIX/6000

The following AIX releases are supported for the Image Services 4.0 SP3 release of Image Services for AIX/6000:

AIX 5L Version 5.1

AIX 5L Version 5.2

For the most up-to-date information on maintenance level testing, refer to the specification for your Image Services release and operating system on the FileNet Customer Service & Support Web site: Product Tech Info > Image Manager > Image Services > Compatibility & Dependency.

HP-UX

Implementation: Image Services for HP-UX

The following HP-UX release is supported for the Image Services 4.0 SP3 release of Image Services for HP-UX:

HP-UX 11i

For the most up-to-date information on patch bundle testing, refer to the specification for your Image Services release and operating system on the FileNet Customer Service & Support Web site: Product Tech Info > Image Manager > Image Services > Compatibility & Dependency.

Solaris

Implementation: Image Services for the Solaris Operating Environment

The following Solaris releases are supported for the Image Services 4.0 SP3 release of Image Services for the Solaris Operating Environment:

Solaris 8

Solaris 9

For the most up-to-date information on patch testing, refer to the specification for your Image Services release and operating system on the FileNet Customer Service & Support Web site: Product Tech Info > Image Manager > Image Services > Compatibility & Dependency.

Windows Server

Implementation: Image Services for Windows Server

The following Windows releases are supported for the Image Services 4.0 SP3 release of Image Services for Windows Server:

- Windows 2000 Server
- Windows 2000 Advanced Server
- Windows 2000 Datacenter Server
- Windows Server 2003
- Windows Advanced Server 2003

For the most up-to-date information on operating system service pack testing, refer to the specification for your Image Services release and operating system on the FileNet Customer Service & Support Web site: [Product Tech Info > Image Manager > Image Services > Compatibility & Dependency](#).

Performance

FileNet System Manager

Enhancement Requests: 131066

SCRs: 212158, 212159 (Performance Analysis)

Implementation: All platforms

Support has been added for the new FileNet System Manager (FSM). The FSM provides real-time, standards-compliant, centralized monitoring of all FileNet P8 products. You can use a single interface to understand the health and performance of your FileNet servers.

The FSM has two major components: Listeners, which like SNMP agents gather data from applications, and Managers that allow you to view, save and export that data. There is a many-to-many mapping between Listeners and Managers.

A Listener typically runs on the server with the FileNet application it is monitoring. A Manager can run on a server with the Listener or can run on a remote system. The Manager API allows you to create custom managers and services. The API also provides a standard out-of-the-box UI, a web-based UI, and interfaces to JMX and SNMP.

In Image Services, FSM is accessible through perf_mon, the IS performance monitoring tool. To use perf_mon as an FSM Listener, set the Listener command variable to TRUE. The default for the Listener variable is FALSE.

For more information, refer to the FileNet System Manager and perf_mon entries in the ***[IS System Tools Reference Manual](#)***.

System Configuration Tools

Cloning the Configuration Database

Enhancement Requests: 131036, 131037

SCRs: 205470, 205513, 205518 (System Configuration Tools)
205414 (SystemV Miscellaneous)

Implementation: All platforms

You can now copy a single “master” Configuration Database (CDB) and use it to clone fresh installations of other IS systems using that same CDB. You can also migrate the tuning parameters of a master CDB to other systems.

If you are doing a fresh install, the latest version of the CDB file from the master IS system is used as the master CDB file. The cloned system creates the new CDB from the master CDB using the following steps:

- Replaces system-specific information (domain, server, ssn) from the master CDB with the information specific to the cloned system.
- Duplicates the dataset configuration, including path and filenames, to the cloned system.
- Duplicates all RDBMS information, including paths, server name, instance name, and version to the cloned system.

All other configuration information remains unchanged.

If you are migrating tuning parameters, the latest version of the CDB file from the master IS system is used as the master CDB file. However, only the performance tuning parameters are cloned. The RDBMS type, version information, paths, etc. are not modified, and all other configuration information is unchanged.

To successfully clone CDB files to another system, both the master and cloned systems must have the following common attributes:

- Use the same platform
- Use the same operating system
- Be installed with the same IS version
- Be single server (combined) systems
- Use no high-availability software (Windows Server only)
- Use the same RDBMS and RDBMS version number
- Use the same RDBMS control type:

FileNet-controlled

Local site-controlled

Remote site-controlled

To implement the cloning capability, three new System Configuration Tools have been added: `export_cdb`, `import_cdb` and `migrate_cdb_changes`.

Export

The `export_cdb` tool copies the latest CDB file from `/fnsw/local/sd/conf_db` to the `/fnsw/local/sd/conf_db/export` directory. The latest CDB file is named `ims_xx.cdb`, where `xx` is the CDB revision number. The tool always selects the latest revision of the CDB to export. The newly exported file is named `ims_exp_xx.cdb` format and is read only.

The syntax of the tool is:

```
export_cdb [-s <source_prefix>]
```

where the `-s` option allows you to specify a prefix for the source file other than the default 'ims' prefix. If you specify the `-s` option, a `<source_prefix>_xx.cdb` file is exported to the `/fnsw/local/sd/conf_db/export` directory.

You must manually move or copy the `/fnsw/local/sd/conf_db/export/ims_exp_xx.cdb` file from the master IS system to the `/fnsw/local/sd/conf_db/import` directory on the system to be cloned.

Import

The `import_cdb` tool imports the configuration information from a specified CDB file in the `/fnsw/local/sd/conf_db/import` directory and creates a new `ims_xx.cdb` in the `/fnsw/local/sd/conf_db` directory. The resulting `ims_xx.cdb` file is created in `/fnsw/local/sd/conf_db` directory. The tool always selects the latest version of the CDB to import.

As part of the import process, `import_cdb` automatically updates the domain and server information, the IP address, and the SSN number in the CDB file to values for the new system.

The syntax of the tool is:

```
import_cdb [-s <source_prefix>]
```

where the -s option allows you to specify a prefix for the source file other than the default 'ims_exp' prefix.

Migrate

The migrate_cdb_changes tool updates a large number of tuning parameters in the cloned system /fnsw/local/conf_db/ims_xx.cdb file from the exported CDB file copied or moved into the /fnsw/local/sd/conf_db/import directory.

Only changes to the CDB performance parameters are migrated. Most of these parameters are specified through the System Appl Serv and Server Appl Serv tabs in fn_edit, although a few others are specified elsewhere within fn_edit. No modifications are made to devices, datasets, or caches, and most RDBMS parameters remain unchanged.

The syntax of the tool is:

```
migrate_cdb_changes [-s <source_prefix>]
```

where the -s option allows you to specify a prefix for the source file other than the default 'ims_exp' prefix.

Safety Checks

Safety checks on the master and cloned systems ensure that the two systems are compatible.

A new CDB table, called `SYSTEM_CLONE`, contains system information from the master system that is checked against the cloned system. The `SYSTEM_CLONE` table includes the IS, operating system, and RDBMS release information, as well as the platform information.

The safety checking process is used by the export, import, and migrate tools. If the safety check detects an incompatibility between the master and cloned systems, the tool logs a message to the system log file and stops immediately.

The `SYSTEM_CLONE` table is not imported or migrated.

Miscellaneous Enhancements

IS Toolkit 4.0.30

Enhancement Requests: 130962, 130963, 130964, 130965, 130966

SCRs: 197845 (XVT Portable Toolkit)

201832, 201834, 201831, 201835 (Localized Files)

Implementation: All platforms

The Image Services Toolkit 4.0.30 is a full release rather than a service pack. Installation instructions for the IS Toolkit 4.0.30 software are provided in a readme file on the IS Toolkit media.

IS Toolkit is now a prerequisite for RAC.

Image Services and IS Toolkit Support

Enhancement Requests: 131054, 131055

Implementation: All platforms

The following Image Services and IS Toolkit releases are supported together.

- Image Services 4.0 SP3 supports IS Toolkit 3.6.x, 4.0.0, 4.0 DB2 Edition, 4.0 SP2, and 4.0.30.
- IS Toolkit 4.0.30 supports Image Services 3.6.x, 4.0.0, 4.0 DB2 Edition, 4.0 SP2, and 4.0 SP3.

Note one exception to this support. In ISTK 4.0.30, the `INX_IN_LAST_SYS` constant has been updated to support new features of Image Services 4.0 SP3. If any of your ISTK applications use this constant, you must either upgrade your Image Services software to IS 4.0 SP3 or set the `INX_IN_LAST_SYS` constant to 14 before compiling the application. If your ISTK applications do not use this constant, they will continue to run successfully with previous releases of Image Services. Refer to the ISTK 4.0.30 readme file for additional information

IS Toolkit 4.0.30 supports the following server operating systems:

AIX 5.1 and AIX 5.2
HP-UX 11i
Solaris 8 and Solaris 9
Windows 2000 and Windows 2003

IS Toolkit 4.0.30 supports the following client operating systems:

AIX 4.3.x, AIX 5.1, and AIX 5.2

HP-UX 11.0 and HP-UX 11i

Solaris 2.6, Solaris 8, and Solaris 9

Windows 98, Windows NT 4.0, Windows 2000, Windows XP, and
Windows 2003

For the most up-to-date information on patch testing, refer to the specification for your Image Services release and operating system on the FileNet Customer Service & Support Web site: Product Tech Info > Image Manager > Image Services > Compatibility & Dependency.

Remote Admin Console

Enhancement Requests: 130967, 130968, 130969

SCRs: 199231 (InstallShield Multi-platform)

Implementation: Server changes apply to all platforms; Remote Admin Console client software runs only on Windows.

The Remote Admin Console (RAC) product was originally released for use with Image Services 4.0.0. A new version, RAC 4.0.30, is now available for use with Image Services 4.0 SP3. RAC 4.0.30 is required for running CFS-IS export functions. RAC can be installed on a new client system or be upgraded from a previous version of RAC.

Note that RAC 4.0.30 is a full installation, not a service pack. IS Toolkit is now a prerequisite for RAC.

For additional information on RAC, refer to the *Remote Admin Console User's Guide*, available on the RAC 4.0.30 software CD. Installation instructions for the RAC client software are provided in a RAC_readme file on the RAC media.

List of Enhancements by Subsystem

Enhancements by Subsystem

Refer to the following list for the Enhancements that apply to each software subsystem of FileNet Image Services. Documentation and testing subsystems are not included.

Subsystem	Enhancement Number	Description
Application Utilities (AU)	130941	Support Image Services as a fixed content device for FileNet P8 Platform.
Batch Services (BS)	130942	Support Image Services as a fixed content device for FileNet P8 Platform.
Database Maintenance (DB)	130576	Support Plasmon Ultra Density Optical (UDO) drives and media.
	130943	Support Image Services as a fixed content device for FileNet P8 Platform.
Document Services (DS)	130577	Support Plasmon Ultra Density Optical (UDO) drives and media.
FileNet Network Management (NM)	137796	Support Plasmon Ultra Density Optical (UDO) drives and media.
Generic Database (GB)	130944	Support Image Services as a fixed content device for FileNet P8 Platform.
Index Services (IS)	130945	Support Image Services as a fixed content device for FileNet P8 Platform.
	130953	Support Image Services as a front-end high volume capture device for FileNet P8 Platform.
	130958	Support cataloging existing Image Services content in the FileNet P8 Platform Content Engine.

List of Enhancements by Subsystem

Enhancements by Subsystem

Subsystem	Enhancement Number	Description
Installshield Multiplatform (MP)	130967	Release Remote Admin Console 4.0.30.
	130962	Release IS Toolkit 4.0.30.
Kernel Drivers (KD)	137798	Support Plasmon Ultra Density Optical (UDO) drives and media.
Localized Files (LF)	130578	Support Plasmon Ultra Density Optical (UDO) drives and media.
	130946	Support Image Services as a fixed content device for FileNet P8 Platform.
OSAR Services (OS)	130579	Support Plasmon Ultra Density Optical (UDO) drives and media.
	130948	Support Image Services as a fixed content device for FileNet P8 Platform.
P8 Integration (PI)	130949	Support Image Services as a fixed content device for FileNet P8 Platform.
	130961	Add an efficient method for reading XML files.
Performance Analysis (PA)	131066	Support FileNet System Manager.
Server Control/Management (XC)	130580	Support Plasmon Ultra Density Optical (UDO) drives and media.
Server WAL Sample Apps (WA)	130950	Support Image Services as a fixed content device for FileNet P8 Platform.
	131054	Qualify operating systems and compilers for Image Services Toolkit 4.0.30.
System Configuration Tools (SF)	130581	Support Plasmon Ultra Density Optical (UDO) drives and media.
	130951	Support Image Services as a fixed content device for FileNet P8 Platform.
	130955	Support Image Services as a front-end high volume capture device for FileNet P8 Platform.

List of Enhancements by Subsystem

Enhancements by Subsystem

Subsystem	Enhancement Number	Description
System Configuration Files (cont)	131036	Allow Configuration Database (CDB) to be cloned.
SystemV Applications Executive (EV)	130956	Support Image Services as a front-end high volume capture device for FileNet P8 Platform.
SystemV Miscellaneous (MV)	137800	Support Plasmon Ultra Density Optical (UDO) drives and media.
	130939	Release FN_link for dynamic linking in CFS-IS.
	130952	Support Image Services as a fixed content device for FileNet P8 Platform.
	130957	Support Image Services as a front-end high volume capture device for FileNet P8 Platform.
	130960	Support cataloging existing Image Services content in the FileNet P8 Platform Content Engine.
	130963	Release IS Toolkit 4.0.30.
	131037	Allow Configuration Database (CDB) to be cloned.

A

AIX, versions supported 18

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