



# IBM Enterprise Records

Version 5.2.1.2

Fix Pack 002

*Readme*





# IBM Enterprise Records 5.2.1.2 Fix Pack Readme: IER 5.2.1-FP002

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## About this fix pack

This document provides information about the IBM® Enterprise Records 5.2.1 fix pack 002. Hereby referred to as IER 5.2.1-FP002 in this document.

The IER 5.2.1-FP002 is available as an update to an existing IBM Enterprise Records version 5.2.1.1 installation.

## Accessing IBM FileNet documentation, compatibility matrices, and fix packs

To access documentation, click [IBM Enterprise Records V5.2.1 documentation](#).

To access support matrices, check [Software Product Compatibility Reports](#).

To access fix packs, click **Download fixes and PTFs** under **Downloads** on [Enterprise Records Support](#).

## New in this fix pack

### Introduced in IER 5.2.1-FP002

**Support for Fixed Content Devices (FCDs):** IBM Enterprise Records is equipped for managing records on FCDs. The new Write Once Read Many (WORM) feature enables the user to manage content that is stored on an FCD that is configured in aligned mode. Currently we support only Hitachi FCDs. For more information, see [IBM Enterprise Records version 5.2.1 support for fixed content devices](#). This fix pack also adds support for using IBM Enterprise Records with:

- IBM Content Navigator (ICN) 3.0.6
- Content Platform Engine (CPE) 5.5.3.

### Introduced in IER 5.2.1-FP001 IF002

- Support for CPE 5.5.2

- Support for ICN 3.0.5

## Product fix history

The following table lists the fixes in this fix pack.

- **APAR** Authorized Program Analysis Report
- **PMR #** Defect Tracking System Number

IER 5.2.1-FP002			
APAR	PMR #	Area	Description
PJ45679	TS001950567	UI	History in RM Audit does not appear.
PJ45681	TS001390181	UI	IER is opening incorrect revision of document as Record Content.
PJ45730	TS001359639	UI	Multi-value columns are not exportable from a content list.
PJ45593	TS001946127	UI	When selecting the "Reject" option in an IER destruction workflow in ICN, there can be a visual issue where records further down the list occasionally erroneously show as reject as well.

IER 5.2.1 IF002			
APAR	PMR #	Area	Description
PJ45587	TS001940136	Compatibility	CPE 5.5.2 compatibility with File Plan Tool
PJ45569	TS001658056	Workflows	Items do not get deleted from a workflow after the approve step acts strange.
PJ45570	TS001758435	Addons	DOD and DOD classified changes for reflexive ID.

## Installation, migration, upgrade, and configuration

This section contains the following topics:

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## NOTES

- To install IER 5.2.1-FP002 fix pack, you must have IER 5.2.1-FP001 installed.
- Any virus protection software that might be running in the background does not affect the installation of this fix pack.

- The installation procedures contain path names for AIX, Linux, Windows®, and zLinux. If there is no difference in directory structure, a forward slash (/) is used to separate the elements of a path name for AIX, Linux, Windows®, and zLinux.
- The procedures use *<ier\_install\_path>* as a variable to indicate the location of the installed IBM Enterprise Records source files. The default location for this variable is:

**AIX, Linux, and zLinux:** /opt/IBM/EnterpriseRecords

**Windows:** C:\Program Files\IBM\EnterpriseRecords

**Windows® 64-bit:** C:\Program Files (x86)\IBM\EnterpriseRecords

- The procedures use *<icn\_install\_path>* as a variable to indicate the location of the installed IBM Content Navigator source files. The default location for this variable is:

**AIX, Linux, and zLinux:** /opt/IBM/ECMClient

**Windows:** C:\Program Files\IBM\ECMClient

**Windows® 64-bit:** C:\Program Files (x86)\IBM\ECMClient

For more information about installing IBM Enterprise Records, see [IBM Enterprise Records Installation and Upgrade](#).

## Requirements

Installation of this fix pack requires up to 395 MB of available permanent storage space on the IER server.

This fix pack requires the following minimum versions of the supporting IBM software:

- IBM Enterprise Records 5.2.1.1
- P8 CPE 5.5.0
- ICN 3.0.2

For more information on *IBM FileNet P8 Hardware and Software Requirements* and *IBM FileNet P8 Fix Pack Compatibility Matrices*, see [Software Product Compatibility Reports](#).

For more information on *IBM FileNet P8 Hardware and Software Requirements*, see [Software Product Compatibility Reports](#) and *IBM FileNet P8 Fix Pack Compatibility Matrices*, see [FileNet P8 Fix Pack Compatibility Matrices](#).

## Install this fix pack

### Download and extract this fix pack

1. Log on to the server where your latest version of IBM Enterprise Records is installed.

**AIX, Linux, and zLinux:** Log on as root, or a user with equivalent permissions.

**Windows:** Log on as a member of the local administrators group or a user with equivalent permissions.

You should log on with the same user that installed the IBM Enterprise Records 5.2.1.1 software, or a user with equivalent permissions.

2. Download the fix pack for your operating system from [Fix Central](#).
3. Take a backup of your current installation.
4. Extract the contents of the fix pack into a temporary location on your IBM Enterprise Records server.

**AIX, Linux, and zLinux:** Use the gunzip command, or an equivalent tool, to extract the tar.gz files.

**Windows:** Use WinZip, or an equivalent tool, to extract the .zip files.

## Upgrade IBM Enterprise Records

Use the following procedure to upgrade an existing version of IBM Enterprise Records V5.2.1.1 to fix pack level 5.2.1.2.

**NOTE:** This fix pack upgrades the IBM Enterprise Records administration client.

1. Stop your web application server.
  - a. Stop any IBM Enterprise Records tools that may be running. For example, Disposition Sweep, FilePlan Import and Export, RMTransfer tools.
2. Upgrade IBM Enterprise Records.
  - a. Download the fix pack for your operating system from [Fix Central](#).
  - b. Run the Setup program on the IBM Enterprise Records application server by using one of the following commands.
    - To upgrade interactively:

**AIX, Linux, and zLinux:** ./5.2.1.2-IER-FP002-<operating\_system>.BIN

**Windows:** 5.2.1.2-IER-FP002-WIN.EXE

- To upgrade silently, make the appropriate modifications to the ier\_silent\_install.txt file and then run the command:

**AIX, Linux, and zLinux:** ./5.2.1.2-IER-FP002-<operating\_system>.BIN -i silent -f ier\_silent\_install.txt

**Windows:** 5.2.1.2-IER-FP002-WIN.EXE -i silent -f ier\_silent\_install.txt

- c. If you are upgrading interactively, complete the setup screens.
- d. Verify that no errors or failures were logged in the IBM\_Enterprise\_Records\_5.2.1.2.Log file in <ier\_install\_path>/Logs.
- e. Correct any errors before proceeding.
- f. Restart your web application server.
- g. Redeploy the IBM Enterprise Records plug-in for IBM Content Navigator.

## Configure IBM Content Navigator for IBM Enterprise Records

1. Copy IERApplicationPlugin.jar from <ier\_install\_path>/Plugins/EnterpriseRecordsPlugin/ to <icn\_install\_path>/dropins.
2. Copy IERApplicationPlugin.jar from <ier\_install\_path>/Plugins/EnterpriseRecordsPlugin/ to <icn\_install\_path>/configure/explodedformat/taskManager/taskManagerWeb/WEB-INF/dropins.

3. Redeploy IBM Content Navigator using the IBM Content Navigator Configuration Manager. Complete the following tasks.
  - a. Configure the Task Manager Component
  - b. Configure the IBM Content Navigator Web Application
  - c. Build the Web Application
  - d. Deploy the Web Application

### Reconfigure IBM Enterprise Records Component Manager

1. Using the IBM Enterprise Records Configuration Manager, create or open the Object Store Configuration Profile.
2. In the Configure Workflows task, complete the appropriate information, including the existing Connection Point.
3. If you are upgrading a workflow system, the Connection Point will not be associated with an object store. You must specify an object store in which to store the new code modules.
4. Select the Reconfigure existing workflow component queues option to use the current version of FileNet P8 Component Manager.
5. Save and run the Configure Workflows task to configure the process region for IBM Enterprise Records and to configure or upgrade IBM Enterprise Records component queues.
6. Restart your web application server for Content Platform Engine.

### Upgrade IBM Enterprise Records tools

On each relevant server, complete the following steps only when the API component is not on the same server as the IBM Enterprise Records plug-in for IBM Content Navigator.

1. Download the fix pack for your operating system from [Fix Central](#).
2. Run the Setup program on the server by using one of the following commands:

- To upgrade interactively:

**AIX, Linux, and zLinux:** `./5.2.1.2-IER-FP002-<operating_system>.bin`

**Windows:** `5.2.1.2-IER-FP002-WIN.exe`

- To upgrade silently:

**AIX, Linux, and zLinux:** `./5.2.1.2-IER-FP002-<operating_system>.bin -i silent -f ier_silent_install.txt`

**Windows:** `5.2.1.2-IER-FP002-Win.exe -i silent -f ier_silent_install.txt`

3. If you are upgrading interactively, complete the setup screens.
4. Verify that no errors or failures are logged in the IBM\_Enterprise\_Records\_5.2.1.2.Log file in `<ier_install_path>/logs`.
5. Correct any errors before proceeding.

### Tips on configuring the File Plan Import Export tool

Depending on the application server type and version you are using, there are several changes you must make to your batch file (BAT or SH) on your system to successfully configure the File Plan Import Export tool. Following the instructions in your batch file, make all the necessary changes to the

file that are required for your system configuration. These changes include commenting out certain lines of the script and changing others to match your system particulars.

### Configure IBM Enterprise Records components for SSL support

If you are running IBM Enterprise Records in an SSL environment, configure the port and connection for the following components:

- Hold Sweep
- Disposition Sweep
- File Plan Import Export Tool

**NOTE:** You must configure Hold Sweep, Disposition Sweep, and the File Plan Import Export tool on each server where these components are installed. See the IBM Enterprise Records online help for details about configuring the tools.

Specify HTTPS as the connection type. The port numbers that you specify are dependent on your system, and the protocol and the type of application server you are using. For details about the default port numbers, see [Setting up Content Platform Engine and client transport SSL security](#).

### Import the CA certificate or server key

To complete the configuration of IBM Enterprise Records components, you must also import the CA certificate or server key to the JDK (Java) keystore. This is the same CA certificate or server key that is requested for Content Engine. You can use the default keystore, or create a custom location.

- To use the JDK default Java keystore:
  1. Use the keytool to import the CA certificate to the Java keystore at < `JAVA_HOME>\jre\lib\security\cacerts`.
  2. To improve security, change the default password.
- To use your own keystore (rather than the JDK default keystore):
  1. Add the following system parameters to the Java command line in the startup script of your application server:  
`-Djavax.net.ssl.trustStore=path_to_your_keystore_file -`  
`Djavax.net.ssl.trustStorePassword=password_of_your_keystore`
  2. Use the Java keytool to import the CA certificate to your own keystore.

### Uninstall this fix pack

To remove this fix pack, you must complete a full uninstallation of IBM Enterprise Records. Removal of the fix pack alone is not supported. Remember to stop the application server and component manager first. For more information, see [Removing IBM Enterprise Records](#).

### Contact customer support

To contact customer support select the relevant option on [Support home page](#).

### Notices

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## Document change history

Date	Description
23 July 2019	Initial release of this fix pack.