IBM Enterprise Records
Version  5.2.1.8
Interim Fix 6

*Readme*

# IBM Enterprise Records 5.2.1 Fix Pack 8 Interim Fix 6 Readme

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**Readme file for:** IBM® Enterprise Records
**Update name:** 5.2.1.8-IER-IF006
**Fix ID:** 5.2.1.8-IER-IF006
**Publication date:** 28 June 2024
**Last modified date:** 26 Sep 2024

## About this fix

This document provides information about the IBM Enterprise Records 5.2.1.8-IER-IF006, which is applicable for traditional installation.

This fix is available as an update to an existing Enterprise Records 5.2.1.8 system, on:

**IBM Fix Central**

http://www.ibm.com/support/fixcentral/

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

To access documentation and fix packs, check **IBM Enterprise Records 5.2.1 documentation**:

https://www.ibm.com/docs/en/enterprise-records/5.2.1

To access support matrices, check **IBM Software Product Compatibility Reports** (SPCR):

https://www.ibm.com/software/reports/compatibility/clarity/index.html

## New in this fix

1. Support for using Enterprise Records with:
   a. FileNet Content Platform Engine 5.6.0
   b. RHEL 8.x,9.2 & later
   c. IBM Content Navigator 3.1.0

2. Support for IBM Cloud Pak for Business Automation (CP4BA) operator 24.0.0 & IBM FNCM Standalone (FNCM S) Operator 5.6.0.

This fix addresses the following issues:

- Authorized Program Analysis Report (**APAR**)

- Program Management Record Number (**PMR**)

| 5.2.1.8-IER-IF006 | | | |
|---|---|---|---|
| **APAR** | **PMR** | **Area** | **Description** |
| DT380009 | TS015570432 | IER Search | Queries executed from IER desktop only behave different to any other ICN desktop |
| Internal Defect | Not Applicable | IER Application Plugin | Enterprise Records Plugin Save Error |
| PJ47216 | TS014753369 | IER-Containers | Option to disable read-only root file system |
| Internal Defect | TS014907084 | IER-Containers | ILS annotations in FNCM S operator for "cp4ba" licenses |
| DT387352 | TS014306621 | IER Workflow | Destroy workflow: limits for F_Subject Field can be increased from 80 to 255 characters |

* **DT387352**(This Apar is release for On-Prem only)

## Known issues / Limitations.

1. If the server and client are deployed on the same WebSphere Application Server host, you may get the following FileNet Content Platform Engine connection error message:

*A java.lang.NoClassDefFoundError: com.filenet.api.exception.EngineRuntimeException error occurs when a client application that uses the Content Engine Java API attempts to connect to the Content Platform Engine.*

Resolution: Refer to the following support document:

> **FileNet Content Platform Engine connection error if the server and client are deployed on the same WebSphere Application Server host**

> https://www.ibm.com/support/pages/node/6611225

2. If IBM Content Navigator (ICN) version 3.0.13 & later is installed with IBM Enterprise Records, you may get the below exception when you try to configure Trigger and Events in IBM Enterprise Records:

*An unexpected exception occurred from IBM Enterprise Records. See the following error: org/apache/commons/jxpath/JXPathContext*

Resolution: Follow the below steps.

2.1 Manually copy the JAR *commons-jxpath-1.2.jar* to:

i) navigator.ear/lib

ii) navigator.ear/navigator.war/WEB-INF/lib

iii) navigator.ear/taskManagerWeb.war/WEB-INF/lib

2.2 Restart the server.


3. After rerunning the Configure Workflows step in IER Configuration Manager, duplicate RMCodeModule are created in File Plan Object Store.

Resolution: Follow the below steps.

3.1 Delete the FCD Action Handler (File Plan Object Store/Sweep Management/Sweep Actions)

3.2 Delete the RMCodeModule(File Plan Object Store/Browse/Root Folder/CodeModules)

3.2 Rerun the Configure Workflows Step and Configure Content Engine Sweep


**IBM Content Navigator 3.0.8 and later limitations**

Depending on the browser you use, you may get the following error message while running the Cognos reports in Chrome or Firefox browsers:

*Content Security Policy: The page's settings blocked the loading of a resource*

Resolution: Refer to the following support document:

> **How to configure the Content Security Policy header in IBM Content Navigator**
>
> https://www.ibm.com/support/pages/node/6229174

**Note**: Add the header HTTP or HTTPS values according to the Enterprise Records environment setup. Example of adding an HTTP header:

*<add-header name="Content-Security-Policy" value="default-src 'self' blob: http:; font-src 'self' data: blob: http:; img-src 'self' data: blob: http:; script-src 'self' 'unsafe-inline' 'unsafe-eval' http:; worker-src 'self' blob: http:; style-src 'self' 'unsafe-inline' http:; frame-ancestors 'self'; connect-src 'self' blob: http: http://<Report Server IP>:* wss://<Report Server IP>:*" path="/.*"/>*

## Configuration Notes

1. For this APAR **DT387352** Please follow the below instructions
2. Open this URL to see how to set a JVM parameter https://www.ibm.com/docs/en/filenet-p8-platform/5.5.x?topic=started-setting-jvm-parameters
3. Set these parameters in Generic JVM arguments "-DMAX_SUBJECT_ENTITIES=5 -DMAX_SUBJECT_LENGTH=80"

   Note: **These are the default values and can be changed as needed**


## Installation, migration, upgrade, and configuration


NOTES

1.  To install this fix, you must have Enterprise Records 5.2.1 fix pack 8 (5.2.1.8) installed.

2.  Any virus protection software that might be running in the background does not affect the installation of this test fix.

3.  The following procedure uses *<IER_install_path>* as a variable to indicate the location of the installed products source files. The default location for this variable is:

    - **UNIX®**: /opt/IBM/EnterpriseRecords

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

4.  The following procedure uses *<ICN_install_path>* as a variable to indicate the location of the IBM Content Navigator product source files. The default location for this variable is:

    - **UNIX®**: /opt/IBM/ECMClient

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

    **Note**: The installation procedures in this section contain path names for both UNIX® and Windows®. If there is no difference in directory structure, a forward slash (/) is used to separate the elements of a path name for both UNIX and Windows.

5.  For more information about installing Enterprise Records, refer to the following topic in IBM documentation:

    **Enterprise Records Installation and Upgrade**
    https://www.ibm.com/docs/en/enterprise-records/5.2.1?topic=installing-upgrading

## Requirements

Installation of this fix requires up to 30 MB of available permanent storage space on the Enterprise Records server.

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

- IBM Enterprise Records 5.2.1 fix pack 8 (5.2.1.8)
- IBM Content Navigator 3.0.12 & later
- IBM FileNet P8 Content Platform Engine 5.5.11 & later

For more information on *IBM Hardware and Software Requirements* see:

> **IBM Software Product Compatibility Reports**
> https://www.ibm.com/software/reports/compatibility/clarity/softwareReqsForProduct.html

For more information on *IBM FileNet P8 Fix Pack Compatibility Matrices*, see:

> **FileNet P8 Fix Pack Compatibility Matrices**
> https://www.ibm.com/support/pages/node/321543

## Installing this fix

### For Traditional installation

1.  Download the interim fix (5.2.1.8-IER-IF006.zip) for your operating system from the **IBM Fix Central**:

    https://www.ibm.com/support/fixcentral/swg/downloadFixes?parent=Enterprise%20Content%20Management&product=ibm/Information+Management/IBM+Enterprise+Records&release=5.2.1.8&platform=All&function=fixId&fixids=5.2.1.8-IER-IF006&includeRequisites=1&includeSupersedes=0&downloadMethod=http&login=true

2. Log on to the Enterprise Records server. You should log on as the same user that installed the Enterprise Records 5.2.1.8 software, or as a user with equivalent permissions:

**UNIX**: Log on as a user with root-like privileges.

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

3. Take a backup of your current installation and all the existing profiles of Enterprise Records from the following paths:

- ConfigManager profiles from:
  *<IER_install_path>*\EnterpriseRecords\configure\profiles

- RecordManagerSweep profiles from:
  *<IER_install_path>*\EnterpriseRecords\RecordsManagerSweep\lib\config

- FilePlan Import Export tool profiles from:
  *<IER_install_path>*\EnterpriseRecords\FilePlanImportExportTool\lib\config

**IMPORTANT**: Not backing up the profiles can lead to deletion of the existing profiles.

4. Extract the contents of the fix into a temporary location on your Enterprise Records server.
5. Stop the Web Application Server.
6. Stop any Enterprise Records tools that may be running.
7. Depending on where Enterprise Records is installed or hosted, copy the updated files to the following locations:

| File Name | Location |
|---|---|
| EnterpriseRecordsPlugin.ear | *<IER_install_path>*/Plugins/EnterpriseRecordsPlugin |
| EnterpriseRecordsPlugin.war | *<IER_install_path>*/Plugins/EnterpriseRecordsPlugin |
| IERApplicationPlugin.jar | 1. *<IER_install_path>*/Plugins/EnterpriseRecordsPlugin<br>2. *<ICN_install_path>*/dropins<br>3. *<ICN_install_path>*/configure/explodedformat/taskManager/taskManagerWeb/WEB-INF/dropins |
| IERConfig.properties | *<IER_install_path>*/Plugins/EnterpriseRecordsPlugin |
| version.txt | 1. *<IER_install_path>*/ |
| rmdispositionsweep.jar | 1. <ier_install_path>/RecordsManagerSweep/lib |
| rmdispositionsweepResources.jar | 1. <ier_install_path>/RecordsManagerSweep/lib |
| RecordsManagerSweep.bat | 1.<ier_install_path>/EnterpriseRecords/RecordsManagerSweep |
| Jarm.jar | 1. *< ier_install_path>*/API/RPTENG<br>2. *<ier_install_path>*/API/JARM<br>3. *<ier_install_path>*/FilePlanImportExportTool/lib<br>4. *<ier_install_path>*/RecordsManagerSweep/lib<br>5. *<ier_install_path>*/Workflow/configureRMworkflow/lib-CMv2 |

| File Name | Location |
|---|---|
| JarmResources.jar | 1. *< ier_install_path>*/API/RPTENG<br>2. *<ier_install_path>*/API/JARM<br>3. *<ier_install_path>*/FilePlanImportExportTool/lib<br>4. *<ier_install_path>*/RecordsManagerSweep/lib<br>5. *<ier_install_path>*/Workflow/configureRMworkflow/lib-CMv2 |
| ddcp.jar | 1. *<ier_install_path>*/RecordsManagerSweep/lib<br>2. *<ier_install_path>* /Workflow/configureRMworkflow/lib<br>3. <ier_install_path>/Workflow/configureRMworkflow/lib-CMv2 |
| ddcpResources.jar | 1. *<ier_install_path>*/RecordsManagerSweep/lib<br>2. <ier_install_path> /Workflow/configureRMworkflow/lib<br>3. <ier_install_path>/Workflow/configureRMworkflow/lib-CMv2 |
| ierrpteng.jar | 1. <ier_install_path>/API/RPTENG |
| ierrptengResources.jar | 1. <ier_install_path>/API/RPTENG |
| RMAutoDeclare.properties | 1. <ier_install_package>/Events/lib |
| rm-declare-handler.jar | 1. <ier_install_package>/Events/lib |
| JarmDeclareContextImpl.java | 1.<br><br>*<ier_install_package>*/Events/src/com/filenet/rm/ceintegration/eventhandler/declareoperation/impl |
| sweepSQLUtility.bat (for windows OS only) | 1. <ier_install_path>/RecordsManagerSweep/ |
| sweepSQLUtility.sh (for non-windows OS only) | 1. <ier_install_path>/RecordsManagerSweep/ |

8. Restart your application server.

9. Rerun the Configure Workflows step from IER configuration manager and make sure there is only a single RMCodeModule present in <File Plan Object Store>/Browse/Root Folder/RMCodeModules

10. Restart your web application server again.

## Uninstalling this fix

To uninstall this fix, remove the files extracted with the fix from their installed locations and replace them with the backed-up versions.

1. Stop your Web Application Server.
2. Delete the files that were replaced in this fix.
3. Copy the previous versions of these files that you backed up to the same location as under *<IER_install_path>*.
4. Restart your application server.
5. Rerun the Configure Workflows step from IER configuration manager.

6. Restart your web application server again

## Product fix history

The following table lists the fixes:

- **APAR**: Authorized Program Analysis Report
- **PMR**: Defect tracking system number

### IER 5.2.1.8 IF5

| 5.2.1.8-IER-IF005 | | | |
|---|---|---|---|
| **APAR** | **PMR** | **Area** | **Description** |
| PJ47138 | TS012606945 | Basic Disposition Sweep | Issues while running Recurring BDS Task |
| PJ47098 | TS012557535 | IER Search | Fix the issue with null pointer exception in Simple Search menu |
| Internal Defect | Not Applicable | JARM API | Improved error message for when JARM cannot find a workflow |
| Internal Defect | Not Applicable | IER UI | Pagination enabled on IER Search Tab |
| PJ47226 | TS014710248 | IER UI | One of the features is not working in Choice List properties (On-Prem only) |
| PJ47227 | TS014733542 | IER Sweeps | Error appears while assigning disposition schedule to record folder (On-Prem only) |
| Internal Defect | Not Applicable | Samples | Improved the auto-declare sample code to provide the ability to take a field from the Document and copy the value to the new record. |

### IER 5.2.1.8 IF4

| 5.2.1.8-IER-IF004 | | | |
|---|---|---|---|
| **APAR** | **PMR** | **Area** | **Description** |
| PJ46618 | TS009127242 | IER File Plan Tools | FilePlanImportExportTool-Configuration |
| PJ47031 | Not Applicable. | UI | Configuration Pane as default does not display anything |
| PJ46976 | TS010861206 | Workflow | Doing a double approval does not transfer decisions from the first approval to the second |

| 5.2.1.8-IER-IF004 | | | |
|---|---|---|---|
| **APAR** | **PMR** | **Area** | **Description** |
| PJ46953 | TS011142535 | UI | Retention period in Advance Disposition Sweep only display one digit |
| PJ47070 | TS012826108 | UI | Filter issue on IER configuration pane |
| Internal Defect | Not Applicable | RMTransfer Tool | log4j reference in RMTransfer Tool |

## IER 5.2.1.8 IF3

| 5.2.1.8-IER-IF003 | | | |
|---|---|---|---|
| **APAR** | **PMR** | **Area** | **Description** |
| PJ46929 | TS010640697 | UI | IER Search result is not displayed when include subclasses option is unchecked. |
| PJ46935 | TS010881665 | File Plan Tool | Customer was unable to see Add Record Volume or Add physical Records in to Imported Record Folders |
| PJ46736 | TS010128179 | UI | Action Filter is not working in IER Tool |

## IER 5.2.1.8 IF2

| 5.2.1.8-IER-IF002 | | |
|---|---|---|
| **PSIRT** | **Advisory Number** | **Description** |
| PVR0375891 | ADV0060724 | org.eclipse.jetty.io_9.3.9.v20160517.jar (Publicly disclosed vulnerability found by WhiteSource) |
| PVR0375890 | ADV0060723 | org.eclipse.jetty.io_9.3.9.v20160517.jar (Publicly disclosed vulnerability found by WhiteSource) |
| PVR0375894 | ADV0060727 | xalan-2.7.0.jar (Publicly disclosed vulnerability found by WhiteSource) |

## IER 5.2.1.8 IF1

| 5.2.1.8-IER-IF001 | | | |
|---|---|---|---|
| **APAR** | **PMR** | **Area** | **Description** |
| PJ46612 | TS009093432 | File Plan | Investigate a sorting issue in OpenContainerService |
| Internal defect | Not applicable | File Plan records | **Home Location** field: Added the actual name of home location instead of the **addedOn** property for physical records |
| Internal defect | Not applicable | Content Platform Engine Sweep | Replaced ABC template with obj template |

## IER 5.2.1.8

| IER 5.2.1 FP008 | | | |
|---|---|---|---|
| **APAR** | **PMR** | **Area** | **Description** |
| PJ46496 | TS007723072 | Configurable option | Functionality to run all the conditional Holds rather than targeting those hold individually |
| PJ46599 | TS008563054 | User interface | Customer upgraded IER to 5.2.1.6 and restored the profiles from backed up folder and running the basic disposition sweep from the command line results in an error |
| PJ46508 | TS008430368 | User interface | IER upgrade from 5.2.1.5 IF3 to 5.2.1.7 |
| PJ46609 | TS008101832 | User interface | Issue with Hold Sweep running in apparent loop |

## Documentation

- Download IBM Enterprise Records 5.2.1.8 interim fix 6 Readme file (this document)
  https://www.ibm.com/support/pages/node/7157280

  **Note**: For the latest version of the Readme file, use this link.

- IBM Enterprise Records 5.2.1 readme files and fixed APARs
  https://www.ibm.com/support/pages/node/598899

- IBM Software Product Compatibility Reports
  https://www.ibm.com/software/reports/compatibility/clarity/index.html

- IBM Enterprise Records 5.2.1 documentation
  https://www.ibm.com/docs/en/enterprise-records/5.2.1

- Download IBM Enterprise Records 5.2.1
  https://www.ibm.com/support/pages/node/316599

- IBM Enterprise Records useful content and links
  https://www.ibm.com/support/home/product/P349220V88723N06/Enterprise_Records?noredir=true

## Contact customer support

To contact customer support select the relevant option on IBM Enterprise Records support community.

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## Document change history

| Date | Description |
| --- | --- |
| 28 June 2024 | Initial release of this interim fix |
| 26 Sep 2024 | Added a few modules that are included in IF006, which were not included before<br><br>Provided instructions on how to configure the fields for APAR DT387352 |