



IBM Content Collector

4.0.1.17 Interim Fix 002

Readme

IBM Content Collector 4.0.1.17 Interim Fix 002

Readme documentation for IBM® Content Collector 4.0.1.17 interim fix 002 including installation-related instructions, prerequisites and co-requisites, and information about fixes, changes, and limitations for IBM Content Collector for Email, IBM Content Collector for File Systems and IBM Content Collector for Microsoft SharePoint.

Readme file for:

IBM Content Collector

Product / Component release:

Version 4.0.1.17

Update Name:

Interim Fix 002

Fix ID:

4.0.1.17-IBM-ICC-IF002

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Download location

The following deliverables are available for download from the IBM Fix Central:

Download Collector 4.0.1.17 interim fix 002 fix files

<https://www.ibm.com/support/fixcentral/swg/selectFixes?parent=Enterprise%2BContent%2BManagement&product=ibm/Information+Management/Content+Collector&release=4.0.1.17&platform=ALL&function=fixId&fixids=4.0.1.17-IBM-ICC-IF002&includeRequisites=1&includeSuperse>

Product / Component name	Platform	File name
IBM Content Collector 4.0.1.17 interim fix 002 readme https://www.ibm.com/support/pages/node/7287907	Not applicable	4.0.1.17-IBM-ICC-IF002.pdf
IBM Content Collector Server https://www.ibm.com/support/fixcentral/swg/selectFixes?parent=Enterprise%2BContent%2BManagement&product=ibm/Information+Management/Content+Collector&release=4.0.1.17&platform=ALL&function=fixId&fixids=4.0.1.17-IBM-ICC-IF002&includeRequisites=1&includeSupersede	Windows	4.0.1.17-IBM-ICC-Win-IF002.zip

Prerequisites and corequisites

1. The server package of this interim fix requires one of the following Content Collector versions installed on your operating system:

Content Collector 4.0.1
- Content Collector 4.0.1.10 - Content Collector 4.0.1.11 - Content Collector 4.0.1.12 - Content Collector 4.0.1.13 - Content Collector 4.0.1.14 - Content Collector 4.0.1.15 - Content Collector 4.0.1.16 - Content Collector 4.0.1.17

For information about hardware and software compatibility, see the detailed system requirements document at:

- Latest updates: IBM Software Product Compatibility Reports — <https://www.ibm.com/software/reports/compatibility/clarity/index.html>
- Additional information:
- Prerequisites for IBM Content Collector 4.0 - <https://www.ibm.com/support/pages/node/612697>
- Prerequisites for IBM Content Collector 4.0.1 - <https://www.ibm.com/support/pages/node/614445>

Known issues

No known issues.

Installation information

You can apply this fix directly on Content Collector 4.0.1 fix pack 17(4.0.1.17).

Notes:

- When following the instructions, replace <ICC_installation_directory> with the name of your Content Collector installation directory.

- If the installation directory path contains space, you must use Windows short names while navigating. For example:

Directory path with spaces: *C:\Program Files (x86)\IBM\ContentCollector* should be written as

Desired path: *c:\progra~2\IBM\ContentCollector*.

You can find the short name for a directory by running this command: `dir /x`.

1. Applying the IBM Content Collector Web Application Liberty Update

The following section provides information on how to apply the updated IBM Content Collector Web Application Liberty runtime for interim fix 002.

Prerequisite

Download and extract the fix files for your operating system from the IBM Fix Central to a temporary directory:

<https://www.ibm.com/support/fixcentral/swg/selectFixes?parent=Enterprise%2BContent%2BManagement&product=ibm/Information+Management/Content+Collector&release=4.0.1.17&platform=ALL&function=fixId&fixids=4.0.1.17-IBM-ICC-IF002&includeRequisites=1&includeSuperse>

The updated Liberty Web Application files (including wlp.zip) are available in the folder named AFUWeb.

Installing

1. Stop the IBM Content Collector Web Application Liberty and IBM Content Collector Documentation services.
2. Back up the key.p12 certificate store used for the Liberty Web Application, present at the following location: `<ICC_installation_directory>\AFUWeb\wlp\usr\servers\AFUWeb\resources\security`.
3. Uninstall the Liberty Web Application by running the following program:
`<ICC_installation_directory>\AFUWeb\afu_ewas_uninstall.bat`.
4. Uninstall the Documentation application by running the following program:
`<ICC_installation_directory>\AFUWeb\afu_help_uninstall.bat`.
5. Back up the following directory to a temporary folder, and then delete it from its original location:
`<ICC_installation_directory>\AFUWeb\wlp`.
6. Extract wlp.zip from the downloaded folder to the following directory:
`<ICC_installation_directory>\AFUWeb`.
7. Run the following commands to install the IBM Content Collector Web Application:
`<ICC_installation_directory>\AFUWeb\afu_ewas_install.bat` and
`<ICC_installation_directory>\AFUWeb\afu_help_install.bat`.
8. Start the services that you stopped in step 1.
9. Start the Configuration Manager.
10. Go to General Settings > Configuration Web Service, and click Reconfigure and validate
11. Verify that the reconfiguration completes successfully and that the Liberty version is upgraded as expected.

2. Applying the Apache Struts2 Workaround (CVE-2025-64775)

A vulnerability was reported in the Struts2-core 2.5.34 component (CVE-2025-64775) used by the IBM Content Collector Web Application (AFUWeb). This has been fixed by applying the workaround provided by official Apache documentation to disable the file upload functionality.

Prerequisite

Download and extract the fix files for your operating system from the IBM Fix Central to a temporary directory:

<https://www.ibm.com/support/fixcentral/swg/selectFixes?parent=Enterprise%2BContent%2BManagement&product=ibm/Information+Management/Content+Collector&release=4.0.1.17&platform=ALL&function=fixId&fixids=4.0.1.17-IBM-ICC-IF002&includeRequisites=1&includeSuperse>

The updated EAR files are available in the folder named AFUWeb.

Installing

1. Back up the old EAR files from the following directory: C:\Program Files (x86)\IBM\ContentCollector\AFUWeb.
2. Stop the necessary services (generally the IBM Content Collector Web Application Liberty service & IBM Content Collector Documentation service).
3. Open a Command Prompt and go to C:\Program Files (x86)\IBM\ContentCollector\AFUWeb.
4. Run afu_ewas_undeploy.bat to undeploy the old EAR files.
5. Copy the new EAR files into C:\Program Files (x86)\IBM\ContentCollector\AFUWeb, replacing the existing files.
6. Open a Command Prompt and go to C:\Program Files (x86)\IBM\ContentCollector\AFUWeb.
7. Run afu_ewas_deploy.bat, and wait for successful completion. Check the afu_ewas_deploy.txt file for the deployment log.
8. Start the necessary services and verify that the application is running correctly.

3. SharePoint Known Issue: Task route with a schedule fails intermittently

Known issue

A task route with an interval-based schedule intermittently stops processing **when the SharePoint library is empty**. Crawling resumes only after the task route is restarted.

Prerequisite

Download and extract the fix files for your operating system from the IBM Fix Central to a temporary directory:

<https://www.ibm.com/support/fixcentral/swg/selectFixes?parent=Enterprise%2BContent%2BManagement&product=ibm/Information+Management/Content+Collector&release=4.0.1.17&platform=ALL&function=fixId&fixids=4.0.1.17-IBM-ICC-IF002&includeRequisites=1&includeSupersede>

Installation steps:

1. Stop the following ICC services in the given sequence:
2. Close ICC Configuration Manager if opened
 - a. Stop the following ICC services in the given sequence:
 - b. IBM Content Collector Task Routing Engine Service
 - c. IBM Content Collector Web Application Service
 - d. IBM Content Collector Cluster Management Service
 - e. IBM Content Collector Configuration Store Service (this automatically stops IBM Content Collector Configuration Store Manager Service and IBM Content Collector Configuration Access Service)
3. Navigate to ctms folder in ICC installation directory "\ContentCollector\ctms"
4. Backup the following original file
 - a) SPOnlineDiscovery.dll
 - b) SPOnlineDiscovery.pdb
5. Extract the folder "4.0.1.17-IBM-ICC-IF002.zip" and copy the **below** files from SharepointChanges folder and replace the below files from extracted folder into "\ContentCollector\ctms" directory
 - a) SPOnlineDiscovery.dll
 - b) SPOnlineDiscovery.pdb

4. Migrating Exchange Web Services (EWS) to Microsoft Graph API for Exchange Online

As Microsoft is deprecating Exchange Web Services (EWS) access to Exchange Online, the mail interface component of IBM Content Collector has been migrated to use the Microsoft Graph API to connect to Azure.

Prerequisite

Download and extract the fix files for your operating system from the IBM Fix Central to a temporary directory:

<https://www.ibm.com/support/fixcentral/swg/selectFixes?parent=Enterprise%2BContent%2BManagement&product=ibm/Information+Management/Content+Collector&release=4.0.1.17&platform=ALL&function=fixId&fixids=4.0.1.17-IBM-ICC-IF002&includeRequisites=1&includeSupersede>

The updated jar file (afu-mailinterface-mapi) and its dependency libraries are available in the folder named ctms.

Installing

1. Stop all the IBM Content Collector services.
2. Take a backup of the existing afu-mailinterface-mapi jar and then replace the afu-mailinterface-mapi jar in the ctms directory.
3. Add the following dependency jars in the ctms directory:
 - guava-32.1.2-jre
 - gson-2.10.1
 - kotlin-stdlib-1.9.22
 - microsoft-graph-5.80.0
 - microsoft-graph-core-2.0.21
 - okhttp-4.12.0
 - okio-3.6.0
 - okio-jvm-3.6.0
4. In the file C:\Program Files (x86)\IBM\ContentCollector\ctms\ews.properties, change **scope=https://outlook.office365.com/.default** to **scope=https://graph.microsoft.com/.default**.
5. Add the required permissions in the Azure portal by following these steps:
 - Sign in to the Azure Portal (portal.azure.com), search for "App registrations", and select the app you are adding permissions to (the one already showing Microsoft Graph and Office 365 Exchange Online permissions).
 - Go to API permissions: in the left-hand menu of the app registration, click "API permissions".
 - Click "+ Add a permission" at the top of the API permissions page.
 - Select "Microsoft Graph" from the list of Microsoft APIs.
 - Select "Application permissions" (not Delegated).
 - Search for and select each of the following permissions: Group.Read.All, GroupMember.Read.All, User.Read.All.
 - Click "Add permissions" to save the selected permissions to the app registration.
 - On the API permissions page, click "Grant admin consent for [your organization]" and confirm.
6. Reconfigure the mail connections, and validate that they connect successfully.

Fixes and changes

New Fixes

IBM Content Collector Web Application Liberty Update

Updates the IBM Content Collector Web Application (AFUWeb) to the latest supported Liberty runtime.

Apache Struts2 Workaround (CVE-2025-64775)

A vulnerability was reported in the Struts2-core 2.5.34 component used by the IBM Content Collector Web Application. This has been fixed by applying the workaround provided by official Apache documentation to disable the file upload functionality..

SharePoint Document Archival Fix

Fixes a known issue where a newly uploaded SharePoint document was not archived during the same task route interval in which it was uploaded, by updating SPOneDiscovery.dll.

Migration of Exchange Web Services (EWS) to Microsoft Graph API

As Microsoft is deprecating EWS access to Exchange Online, the mail interface component has been migrated to use the Microsoft Graph API to connect to Azure.

Fixed defects

No defects

Documentation

- Download IBM Content Collector 4.0.1.17 interim fix 002
<https://www.ibm.com/support/pages/node/7287907>
- **Note:** For the latest version of the Readme file, use this link.
- IBM Content Collector Downloads — <https://www.ibm.com/support/pages/node/613127>
- IBM Software Product Compatibility Reports —
<https://www.ibm.com/software/reports/compatibility/clarity/index.html>
- IBM Content Collector 4.0.1 documentation — <https://www.ibm.com/docs/en/content-collector/4.0.1>

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Document change history

Date	Description of change
24 September 2026	Original version published