

IBM Content Collector  
4.0.1.13 Interim Fix 1

*Readme*

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# IBM Content Collector 4.0.1.13 Interim Fix 1

Readme documentation for IBM® Content Collector 4.0.1.13 interim fix 1 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 4.0.1.13

**Update Name:**

Interim Fix 001

**Fix ID:**

4.0.1.13-IBM-ICC-IF001

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## Download location

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

Download Collector 4.0.1.13 interim fix 1 fix files

<https://www.ibm.com/support/fixcentral/swg/selectFixes?parent=Enterprise%2BContent%2BManagement&product=ibm/Information+Management/Content+Collector&release=4.0.1.13&platform=ALL&function=fixId&fixids=4.0.1.13-IBM-ICC-IF001&includeRequisites=1&includeSuperse>

Product / Component name	Platform	File name
Content Collector 4.0.1.13 interim fix 1 readme <a href="https://www.ibm.com/support/pages/node/6540264">https://www.ibm.com/support/pages/node/6540264</a>	Not applicable	4.0.1.13-IBM-ICC-IF001.pdf
Content Collector 4.0.1.13 interim fix 1 Server	Windows	4.0.1.13-IBM-ICC-Server-IF001.zip

## Prerequisites and corequisites

The server package of any one of the fix packs of Content Collector 4.0.1 is required as specified in the following:

### A. For Oracle Outside In Technology (OIT) upgrade

Any fix pack of Content Collector 4.0.1 from 12 (4.0.1.12) to 14 (4.0.1.14).

### B. For Log4j vulnerability

Any fix pack of Content Collector 4.0.1 from 02 (4.0.1.2) to 14 (4.0.1.14).

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 4.0.1 - <https://www.ibm.com/support/pages/node/614445>

## Known issues

No known issues.

## Installation information

The following section provides information on how to install and remove this fix.

### Installing on IBM Content Collector server

This section provides information on how to install this fix for upgrading the Oracle Outside In Technology (OIT).

#### A. Installing this fix for OIT upgrade

1. Stop the Content Collector Text Extraction Connector service.
2. Extract the 4.0.1.13-IBM-ICC-Server-IF001.zip file to a temporary folder. The contents of the compressed file are:
  - a. ctms folder
  - b. infocenter folder
  - c. Backup.bat file

3. On the extracted folder path, open a command prompt and run the following command:

*Backup.bat*

The backup command triggers the following actions:

- a. Creates a folder named 'ctms\_backup' in the temporary folder from Step 2.
  - b. Backs up all the OIT files from the <ICC\_installation\_directory>\ctms folder to the ctms\_backup folder created in Step 3a.
  - c. Replaces the OIT files as per the following:
    - From the ctms folder of Step 2a
    - To the <ICC\_installation\_directory>\ctms folder
4. Start the Content Collector Text Extraction Connector service.

## B. Installing this fix for Log4j vulnerability

### For Content Collector 4.0.1 fix pack 02 (4.0.1.2) to 09 (4.0.1.9)

1. Stop the following services:
  - a. IBM Content Collector Web Application
  - b. IBM Content Collector Documentation
2. Unzip the 4.0.1.13-IBM-ICC-Server-IF001.zip file in a temporary folder. The contents of the compressed file are:
  - a. ctms folder
  - b. infocenter folder
  - c. Backup.bat file
3. Take a backup of the original **afuinfoCenter.ear** file from the following location:  
<ICC\_installation\_directory>AFUWeb
4. Copy the **afuinfoCenter.ear** file from infocenter folder from Step 2b.
  - a. Paste it in the following folder:  
<ICC\_installation\_directory>AFUWeb
5. Run the following commands in the <ICC\_installation\_directory>AFUWeb directory:
  - a. afu\_help\_uninstall.bat
  - b. afu\_help\_install.bat
  - c. afu\_ewas\_undeploy.bat
  - d. afu\_ewas\_deploy.bat
6. In Configuration Manager, click **Reconfigure** under **Configuration Web Service** in the **General Settings** menu.  
  
Check that the IBM Content Collector Web Application service is started after the reconfiguration process is complete.
7. Start the IBM Content Collector Documentation service.

## For Content Collector 4.0.1 fix pack 10 (4.0.1.10) and later

1. Stop the following services:
  - a. IBM Content Collector Web Application Liberty
  - b. IBM Content Collector Documentation Liberty
2. Unzip the 4.0.1.13-IBM-ICC-Server-IF001.zip file in a temporary folder. The contents of the compressed file are:
  - a. ctms folder
  - b. infocenter folder
  - c. Backup.bat file
3. Go to the following location and delete the folder named **workarea**:  
<ICC\_installation\_directory>\AFUWeb\wlp\usr\servers\AFUInfoCenter
4. Go to the following location and take a backup of the original **afuinfoCenter.ear** file:  
<ICC\_installation\_directory>\AFUWeb
5. Copy the **afuinfoCenter.ear** file from infocenter folder from Step 2b.
  - a. Paste it in the following folder:  
<ICC\_installation\_directory>AFUWeb
6. Start the services you stopped in Step 1.

## Uninstalling from IBM Content Collector server

The following section provides information on how to remove this fix.

### A. Removing the OIT upgrade

1. Stop the Content Collector Text Extraction Connector service.
2. Replace all the files as per the following:
  - a. Copy files from the ctms\_backup folder that was created at the time of [installing this fix for upgrading OIT, Step 3a](#).
  - b. Paste them in the <ICC\_installation\_directory>\ctms folder.
3. Start the Content Collector Text Extraction Connector service.

### B. Removing the Log4j vulnerability fix

#### For Content Collector 4.0.1 fix pack 02 (4.0.1.2) to 09 (4.0.1.9)

1. Stop the following services:
  - a. IBM Content Collector Web Application
  - b. IBM Content Collector Documentation

2. Go to the following location and delete the **afuinfoCenter.ear** file:  
`<ICC_installation_directory>\AFUWeb`
3. Copy the **afuinfoCenter.ear** file that you backed up in [installing this fix for Log4j vulnerability, Step 3](#) (For Content Collector 4.0.1.2 to 4.0.1.9).
  - a. Paste it in the `<ICC_installation_directory>\AFUWeb` folder.
4. Run the following commands in the `<ICC_installation_directory>\AFUWeb` directory:
  - a. `afu_help_uninstall.bat`
  - b. `afu_help_install.bat`
  - c. `afu_ewas_undeploy.bat`
  - d. `afu_ewas_deploy.bat`
5. In Configuration Manager, click **Reconfigure** under **Configuration Web Service** in the **General Settings** menu.  
  
Check that the IBM Content Collector Web Application service is started after the reconfiguration process is complete.
6. Start the IBM Content Collector Documentation service.

#### **For Content Collector 4.0.1 fix pack 10 (4.0.1.10) and later**

1. Stop the following services:
  - a. IBM Content Collector Web Application Liberty
  - b. IBM Content Collector Documentation Liberty
2. Go to the following location and delete the folder named **workarea**:  
`<ICC_installation_directory>\AFUWeb\wlp\usr\servers\AFUInfoCenter`
3. Go to the following location and delete the **afuinfoCenter.ear** file:  
`<ICC_installation_directory>\AFUWeb`
4. Copy the **afuinfoCenter.ear** file that you backed up in [installing this fix for Log4j vulnerability, Step 4](#) (For Content Collector 4.0.1.10 and later).
  - a. Paste it in the `<ICC_installation_directory>\AFUWeb` folder.
5. Start the services you stopped in Step 1.

## Fixes and changes

This fix addresses the following vulnerabilities in Content Collector:

1. An unspecified vulnerability in Oracle Outside In Technology (OIT) related to the Outside In Filters component could allow an unauthenticated attacker to cause a denial of service resulting in a high availability impact using unknown attack vectors.
  - a. CVE-2021-35656 - <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-35656>
  - b. CVE-2021-35657 - <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-35657>
  - c. CVE-2021-35658 - <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-35658>
  - d. CVE-2021-35659 - <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-35659>
  - e. CVE-2021-35660 - <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-35660>
  - f. CVE-2021-35661 - <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-35661>
  - g. CVE-2021-35662 - <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-35662>
  - h. CVE-2021-35672 - <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-35672>
  - i. CVE-2021-35673 - <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-35673>
  - j. CVE-2021-35674 - <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-35674>
  
2. Apache Log4j vulnerability fixes
  - a. CVE-2021-45105 - <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-45105>
  - b. CVE-2021-44228 - <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-44228>

## Documentation

- Download IBM Content Collector 4.0.1.13 interim fix 1 (Readme file)  
<https://www.ibm.com/support/pages/node/6540264>  
**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
14 January 2022	Original version published