

IBM Content Collector  
4.0.1.12 Interim Fix 3

## *Readme*

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# IBM Content Collector 4.0.1.12 Interim Fix 3

Readme documentation for IBM® Content Collector 4.0.1.12 interim fix 3 including installation-related instructions, prerequisites and corequisites, 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 4.0.1.12

**Update Name:**

Interim Fix 003

**Fix ID:**

4.0.1.12-IBM-ICC-IF003

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## Download location

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

Download Collector 4.0.1.12 interim fix 3 fix files

<https://www.ibm.com/support/fixcentral/swg/selectFixes?parent=Enterprise%2BContent%2BManagement&product=ibm/Information+Management/Content+Collector&release=4.0.1.12&platform=ALL&function=fixId&fixids=4.0.1.12-IBM-ICC-IF003&includeRequisites=1&includeSuperse>

It includes steps to upgrade the IBM Runtime Environment Java to 8.0.6.35 of Content Collector.

Product / Component name	Platform	File name
IBM Content Collector 4.0.1.12 interim fix 3 readme <a href="https://www.ibm.com/support/pages/node/6486851">https://www.ibm.com/support/pages/node/6486851</a>	Not applicable	4.0.1.12-IBM-ICC-IF003.pdf

Product / Component name	Platform	File name
IBM Content Collector 4.0.1.12 interim fix 3 Server	Windows	4.0.1.12-IBM-ICC-WIN-IF003.zip
IBM Content Collector 4.0.1.12 interim fix 3 CM8 Text Search Support	AIX	4.0.1.12-IBM-ICC-AIX-IF003.gz
	Linux	4.0.1.12-IBM-ICC-Linux32-IF003.tgz
	Linux for zSeries	4.0.1.12-IBM-ICC-Linuxz-IF003.tgz

**Note:** This interim fix is not applicable for Solaris platform because IBM Java 8 32-bit JRE is not available for Solaris.

## Prerequisites and corequisites

The IBM Content Collector (ICC) 4.0.1 fix pack 12 (4.0.1.12) server package is required.

### A. Deployable as additional fix

This interim fix can coexist with the following interim fixes and can be deployed on top of it:

Content Collector release version	Component	Release content
Content Collector 4.0.1.12 interim fix 2 <a href="https://www.ibm.com/support/pages/node/6471247">https://www.ibm.com/support/pages/node/6471247</a>	Server (Email Connector)	<p><b>New feature</b> Microsoft Exchange Hybrid (Exchange On-premises + Exchange Online) can be configured and selected as Email collection source with Content Collector.</p> <p><b>Internal defects</b> <u>69126</u>: When Microsoft Exchange Online Active Directory is used, stub links and preview links are not created with stubbing Task Route.</p> <p><u>69133</u>: PST Archiving fails when collection source 'PST file on a computer' and 'PST files on computers in a computer group' is used with Exchange Online Active Directory.</p>

## B. Deployable as replaceable fix

This interim fix replaces the following interim fixes:

Content Collector release version	Component	Release content
Content Collector 4.0.1.12 interim fix 1 <a href="https://www.ibm.com/support/pages/node/6456223">https://www.ibm.com/support/pages/node/6456223</a>	Server (Web Application Liberty)	<b>Liberty PSIRT fix</b> CVE-2020-5258, CVE-2021-26296  <u>Solution:</u> Upgrade to WebSphere Liberty Profile (WLP) 21.0.0.4

## Known issues

No known issues.

## Installation information

You can apply this fix directly on Content Collector 4.0.1 fix pack 12 (4.0.1.12).

### 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`.

## Installing IBM Runtime Environment Java Technology Edition

### Prerequisite:

1. 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=4.0.1.12&platform=ALL&function=fixId&fixids=4.0.1.12-IBM-ICC-IF003&includeRequisites=1&includeSuperse>  
For example, for Windows operating system, you need to extract from following compressed folder:  
4.0.1.12-IBM-ICC-WIN-IF003.zip
2. The Java fixes are available in the following folder: jre.

### Installing:

1. **Close** the ICC Configuration Manager and stop the following services:
  - a. All the services on IBM Content Collector Server
  - b. DB2EXT Service on CM8 Server

2. Take a backup of the respective Java directory present within the Content Collector product directory.

If you used the default location for installation, the paths are as follows:

Component	Platform	Default Location
Server	Windows	<ICC Installation Directory>/java
CM8 Text Search Support	Windows	C:/ProgramFiles (x86)/IBM/ICCIndexer/java
CM8 Text Search Support	Unix	/opt/IBM/ICCIndexer/java

3. Replace the contents of the Java directory in your installation folder (from step 2) with the fix file for your operating system.
4. If you are using a Domino source, perform the following step:  
Copy **icu4j-58\_2.jar** and **icu4j-charset-58\_2.jar** from:  
<ICC Installation Directory>\AFUWeb\wlp\usr\servers\AFUWeb\apps\afu\_web.ear\afu\_web.war\WEB-INF\lib  
to  
<ICC Installation Directory>\java\jre\lib\ext
5. Start the services stopped in Step 1.

## Uninstalling this fix

### IBM Runtime Environment Java Technology Edition

1. **Close** the ICC Configuration Manager and stop the following services:
  - a. All the services on IBM Content Collector Server
  - b. DB2EXT Service on CM8 Server
2. Navigate to the Java directory and replace the files with the backup taken in installation step 2.
3. Start the services stopped in step 1.

## Fixes and changes

This interim fix addresses the following vulnerabilities in the IBM Runtime Environment Java Technology Edition 8 used by Content Collector.

### Fixed defects

No defects.

## Security vulnerabilities

### IBM Runtime Environment Java Technology Edition

1. An unspecified vulnerability in Java SE related to the Libraries component could allow an unauthenticated attacker to cause no confidentiality impact, high integrity impact, and no availability impact.  
**CVE-2021-2161** - <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-2161>

2. A flaw in the Java runtime's FTP client implementation allows malicious FTP servers to probe the local network via a malformed PASV address. The fix changes the behavior of the FTP implementation to reject PASV addresses by default.  
**CVE-2021-2341** - <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-2341>
3. A flaw in the JAR validation implementation may, under certain limited circumstances, lead to a failure to detect signed JAR files that have been modified. The fix ensures that JARs that have been modified since they were signed are properly detected and treated as unsigned.  
**CVE-2021-2369** - <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-2369>
4. A flaw in the LDAP component may allow an attacker to inflict a denial of service via a specially configured LDAP URL and DNS record. The fix ensures that the URL is handled gracefully.  
**CVE-2021-2432** - <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2021-2432>

## Documentation

- Download Content Collector 4.0.1.12 interim fix 3 Readme file (this document)  
<https://www.ibm.com/support/pages/node/6486851>  
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
08 September 2021	Original version published