IBM Content Collector
Version 4.0.1.8 Interim Fix 009

Readme

Part 1. IBM Content Collector Version 4.0.1.8 Interim Fix 009

Readme documentation for IBM® Content Collector Version 4.0.1.8 Interim Fix 009 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.

This fix must also be applied to Versions 4.0 of IBM Content Collector.

Readme file for:
>   IBM Content Collector

Product/Component Release:
>   Version 4.0.1.8

Update Name:
>   Interim Fix 009

Fix ID:
>   4.0.1.8-IBM-ICC-IF009

Publication date:
>   6 February 2019

Last modified date:
>   6 February 2019

Contents

Download location

Download IBM Content Collector, Version 4.0.1.8 Interim Fix 009, from the following location:

https://www-01.ibm.com/support/docview.wss?uid=ibm10870372

The following deliverables are available for download. It includes steps to apply eWAS Interim fix **IFPH01617**, **IFPI98558**, **IFPH04060** and **IFPH01752** of IBM Content Collector.

Component	File/Name	Platform
IBM Content Collector V4.0.1.8 IF009 readme	4.0.1.8-IBM-ICC-IF009.pdf	(N/A)

* This interim fix only contains Release ReadMe as deliverable. eWAS interim patches need to be downloaded from the respective links mentioned under "Installation information".

Prerequisites and co-requisites

The server package of IBM Content Collector V4.0.1.8 Interim Fix 009 requires one of the following IBM Content Collector products installed on your operating system:

- IBM Content Collector V4.0.0.1
- IBM Content Collector V4.0.0.2
- IBM Content Collector V4.0.0.3
- IBM Content Collector V4.0.0.4
- IBM Content Collector V4.0.1.0
- IBM Content Collector V4.0.1.1
- IBM Content Collector V4.0.1.2
- IBM Content Collector V4.0.1.3
- IBM Content Collector V4.0.1.4
- IBM Content Collector V4.0.1.5
- IBM Content Collector V4.0.1.6
- IBM Content Collector V4.0.1.7
- IBM Content Collector V4.0.1.8

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

For 4.0   - http://www-01.ibm.com/support/docview.wss?uid=swg27039384

For 4.0.1- http://www-01.ibm.com/support/docview.wss?uid=swg27042658

Known issues

NA

Installation information

Note: When following the instructions, replace <icc_install_dir> 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: *c:\progra~2\IBM\ContentCollector*

You can find the short name for the directory by running "dir /x" command.

A.   Steps to install the interim fixes for WebSphere Server (eWAS)

Note: The fixes are applied by using IBM Installation Manager.

If Installation Manager is not installed, download the latest Installation Manager package from http://www.ibm.com/support/docview.wss?rs=0&uid=swg27025142 and unzip it.

1. Download the fixes for IBM WebSphere Application Server described below.

    i. **8.0.0.15-WS-WAS-IFPH01617** "Potential file traversal in WebSphere Application Server (CVE-2018-1770)" at:

    https://www-01.ibm.com/support/docview.wss?uid=ibm10734495

    Applicable ICC version: 4.0.0.4, 4.0.1.6, 4.0.1.7, 4.0.1.8 (with 4.0.1.8-IBM-ICC-Server-IF008 applied)

    ii. **8.0.0.15-WS-WASEmbeded-IFPI98558 "**Cross-site scripting vulnerability with the Installation Verification Tool of IBM WebSphere Application Server (CVE-2018-1643)" at:

http://www-01.ibm.com/support/docview.wss?uid=ibm10739417

Applicable ICC version: 4.0.0.4, 4.0.1.6, 4.0.1.7, 4.0.1.8 (with 4.0.1.8-IBM-ICC-Server-IF008 applied)

    iii.   **8.0.0.15-WS-WAS-IFPH04060** "Potential Remote code execution vulnerability in WebSphere Application Server (CVE-2018-1904)" at:

http://www-01.ibm.com/support/docview.wss?uid=ibm10744765

Applicable ICC version: 4.0.0.4, 4.0.1.6, 4.0.1.7, 4.0.1.8 (with 4.0.1.8-IBM-ICC-Server-IF008 applied)

    iv.   **8.0.0.4-WS-WAS-IFPH01752** "Possible security exposure in SAML Web SSO (CVE-2018-1793)" at :

http://www-01.ibm.com/support/docview.wss?uid=ibm10730545

Applicable ICC version: 4.x and 4.0.1.x

2. Stop the IBM Content Collector Web Application and IBM Content Collector Documentation services.

3. Start the Installation Manager as follows:

   <IMInstallDir>\eclipse\IBMIM.exe -dataLocation < icc_install_dir >\AFUWeb\IMData

4. In Installation Manager, define the repository that contains the fixes:

   i. Select "File > Preferences > Repositories"

   ii. Click "Add Repository". The repository can be either the .zip file containing the WebSphere Application Server fixes, or if you extracted the .zip file, the repository.config file in the directory that contains the extracted files.

   iii. Click "Update" and follow the instructions in the wizard to apply the fixes.

5. Verify if the fix is installed, you can get this information by using the following command:

   <icc_install_dir>\AFUWeb\ewas\bin\historyInfo.bat

6. Start the IBM Content Collector Web Application and the IBM Content Collector Documentation services.

B. Steps to remove the interim fixes for WebSphere Server (eWAS)

1. Stop the IBM Content Collector Web Application and IBM Content Collector Documentation services.

2. Start the Installation Manager as follows:

   <IMInstallDir>\eclipse\IBMIM.exe -dataLocation <ContentCollectorInstallDir>\AFUWeb\IMData

3. Click Uninstall on the Installation Manager UI

4. Check only the Fix Name to be removed and click next

5. Click Uninstall

6. To verify if the fix is uninstalled, you can get this information by using the following command:

   <icc_install_dir>\AFUWeb\ewas\bin\historyInfo.bat

7. In the Configuration Manager, Navigate to *General Settings -> Configuration Web Service-> Reconfigure*

Fixes and changes made in version 4.0.1.8 Interim Fix 009

This interim fix addresses the following vulnerabilities in eWAS used by IBM Content Collector.

Impact of vulnerability:

1. IBM WebSphere Application Server 7.0, 8.0, 8.5, and 9.0 could allow a remote attacker to traverse directories on the system. An attacker could send a specially-crafted URL request containing "dot dot" sequences (/../) to view arbitrary files on the system.

   CVE-2018-1770 (https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2018-1770)

2. The Installation Verification Tool of IBM WebSphere Application Server 7.0, 8.0, 8.5, and 9.0 is vulnerable to cross-site scripting. This vulnerability allows users to embed arbitrary JavaScript code in the Web UI thus altering the intended functionality potentially leading to credentials disclosure within a trusted session.

   CVE-2018-1643 (https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2018-1643)

3. IBM WebSphere Application Server 7.0, 8.0, 8.5, and 9.0 could allow remote attackers to execute arbitrary Java code through an administrative client class with a serialized object from untrusted sources.

   CVE-2018-1904 (https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2018-1904)

4. IBM WebSphere Application Server 7.0, 8.0, 8.5, and 9.0 using SAML ear is vulnerable to cross-site scripting. This vulnerability allows users to embed arbitrary JavaScript code in the Web UI thus altering the intended functionality potentially leading to credentials disclosure within a trusted session.

   CVE-2018-1793 (https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2018-1793)

Documentation

NA

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Document change history

Date	Description of change
6 February 2019	Original version published