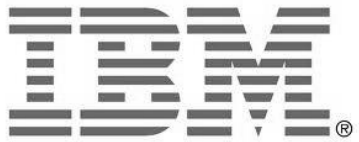IBM OpenPages
Version 9.0.0.3.2

Interim Fix ReadMe

NOTE

Before using this information and the product it supports, read the information in the "Notices" section of this document.

Product Information

This document applies to IBM® OpenPages® 9.0.0.3 and may also apply to subsequent releases.

Documentation Release Information

Last Modified: 8/21/2024

Contents

Introduction

This Interim Fix updates the IBM® OpenPages® environment from version 9.0.0.3 or previous 9.0.0.3.x interim fix to 9.0.0.3 IF2 on Red Hat Enterprise Linux® (RHEL) or Microsoft™ Windows™

Defect Fixes, Enhancements, and Known Issues

Defect Fixes

The following defect fixes are included in this release. The Authorized Problem Analysis Report (APAR) ID, or Known issue ID if available, is shown in parentheses after a description. For example: (DT123456).

OpenPages 9.0.0.3 IF2
- Security updates
- Installer validation fails when PBKDF2 password hashing is used (DT393409)
- Close Audit button does nothing when pressed on Audit Close Helper (DT393891)
- Adding multiple fields to a Create Objects action in a workflow can corrupt the workflow (DT393123)

OpenPages 9.0.0.3 IF1
- Security updates
- Performance issues with custom views, after importing configuration files multiple times (DT390684)
- The object field under 'Key Items for this Action' does not display the Validation in the proper sequence and formatting (DT392032)

Before You Begin

Prerequisite Software

Prior to installing IBM® OpenPages® 9.0.0.3 Interim fix (IF2), OpenPages 9.0.0.3 must be installed. To install IBM® OpenPages® 9.0.0.3 IF2, use the OpenPages 9.0.0.3.2 Installer .

General Information

For information regarding the installation and setup of the OpenPages installer server and installer agents, please see OpenPages installation server and app in the *IBM® OpenPages® Installation and Deployment Guide*

Backup the existing environment

When you install an interim fix, the installation server automatically backs up most files for you.

The backup files are stored on each server in your deployment in the `<server_home>/installer/maintenance/interim-fix-<version>/backups_from_<previous-version>` directory.

However, some files need to be backed up manually. You also need to back up the databases and the openpages-storage directory.

For details, see the [Back up your existing environment](#) in the IBM® OpenPages® *Installation and Deployment Guide*

Installation Tasks

To install IBM® OpenPages® 9.0.0.3 IF2, perform the following tasks.

Decide whether to update the OpenPages database manually

When installing this interim fix, you can choose to update the database by running scripts. Use this option if you do not want to enter DBA credentials in the installation app. It is not mandatory to update the database server manually. You can use the OpenPages® installation app to update the database automatically if you prefer.

If you decide to update the database manually, please see the following topic in the *IBM® OpenPages® with Watson™ Installation and Deployment Guide* at

Db2: Update the OpenPages database manually (DB2®)
https://www.ibm.com/docs/en/opw/9.0.0?topic=packs-update-openpages-database-manually-db2

Oracle: Update the OpenPages database manually (Oracle)
https://www.ibm.com/docs/en/opw/9.0.0?topic=packs-update-openpages-database-manually-oracle

Note: The steps to be performed for this interim fix are the same as those performed for the OpenPages 9.0.0.x fix packs, but the `<fix_pack_kit>/OP_<version>_Main/OP_<version>_Configuration/Database/<database_type>/PATCH_SCRIPTS` directory mentioned in the steps should be replaced with the IBM OpenPages with Watson 9.0.0.3.x media location of:
`<interim_fix_kit>/Database/<database_type>/PATCH_SCRIPTS`

Task 1: Stop OpenPages Installation server

Note: For details, see the "Stopping the installation server" topic in "OpenPages installation server and app" chapter in the *IBM® OpenPages® with Watson™ Installation and Deployment Guide*.

Task 2: Apply Installation Server Updates

Update the Installation server by replacing the current files with the updated files located in the interim fix kit, performing the following steps as the user that setup the Installation server.

2.1 Navigate to the directory <InstallerHome>/src/assets/maintenance and copy **openpages_installer_9-0-0-3-2.zip** from the kit

2.2 Navigate to the <InstallerHome> directory and run the command "**npm run upgrade**" from a command or shell window.

2.3 Navigate to the <InstallerHome> /install/<OS>directory and run the command

`<OPInstallerHome>/install/<OS>/upgradeNode.sh|bat --acceptLicense`

Task 3: Start OpenPages Installation server

Note: For details, see the "Starting the installation server" topic in the *IBM® OpenPages® with Watson™ Installation and Deployment Guide*

Task 4: Patching Install Agents

Login to the installation server, select the deployment and click Validate from the deployment.

Task 5: Ensure that all OpenPages servers and services are running except the Global Search server

Note: For details, see the Starting and stopping servers in the *IBM® OpenPages® Administrator's Guide*

Task 6: Apply the OpenPages 9.0.0.3 IF2

Use the 9.0.0.3.2 OpenPages installer to apply the 9.0.0.3.2 Interim fix. Perform the following steps as the user that setup the Installation Server.

Using the installation app, do the following:

2.1 Ensure that the OpenPages 9.0.0.3.2 installation server is running and that the OpenPages 9.0.0.3.2 installer agents on the remote servers in the deployment (if applicable) are also running.

2.2 Copy the **openpages_interimFix_9-0-0-3-2.zip** file from the interim fix kit into the `<InstallerHome>/src/assets/maintanance` directory on the installation server.

2.3 Open the existing 9.0.0.3 deployment and press the browser's **Refresh** button to refresh the installation app.

2.4 Click the `Deployment Task` drop-down and select `Interim Fix` and select `9.0.0.3.2` in the *Version* drop-down.

2.5 Perform the **Validate**, **Install**, and **Configure** actions to apply the interim fix updates to the OpenPages 9.0.0.3 deployment.

Task 7: Stop and Restart all OpenPages servers and services

Note: For details, see the Starting and stopping servers in the *IBM® OpenPages® Administrator's Guide.*

- When restarting the OpenPages application servers, use the --clean option

    For example
    ./startAllServers.sh --clean

Uninstalling this Patch

Uninstalling 9.0.0.3 IF2 will revert the system to the previous patch level.

To uninstall the interim fix, please see the <u>Rolling back a fix pack</u> topic in the in the *IBM® OpenPages® Installation and Deployment Guide*

Note: The steps to be performed to roll back the interim fix are the same as those performed for rolling back the OpenPages 9.0.0.x fix packs, but the
<server_home>/installer/maintenance/**fix-pack-*<version>***/backups_from_*<previous-version>*
directory mentioned in the steps should be replaced with the
<server_home>/installer/maintenance/**interim-fix-*<version>***/backups_from_*<previous-version>*
directory**.**

Start all OpenPages servers and services

Note: For details, see the <u>Starting and stopping servers</u> in the *IBM® OpenPages® Administrator's Guide.*

When restarting the OpenPages application servers, use the --clean option.

For example
./startAllServers.sh –clean

Documentation Updates

You can use the <u>**IBM OpenPages 9.0.0**</u> documentation.
or
can download the <u>PDF versions of the IBM OpenPages 9.0.0 product documentation</u>.

Notices

This information was developed for products and services offered worldwide.

This material may be available from IBM® in other languages. However, you may be required to own a copy of the product or product version in that language in order to access it.

IBM may not offer the products, services, or features discussed in this document in other countries. Consult your local IBM representative for information on the products and services currently available in your area. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any IBM intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any non-IBM product, program, or service. This document may describe products, services, or features that are not included in the Program or license entitlement that you have purchased.

IBM may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document does not grant you any license to these patents. You can send license inquiries, in writing, to:

IBM Director of Licensing
IBM Corporation
North Castle Drive
Armonk, NY 10504-1785
U.S.A.

For license inquiries regarding double-byte (DBCS) information, contact the IBM Intellectual Property Department in your country or send inquiries, in writing, to:

Intellectual Property Licensing
Legal and Intellectual Property Law
IBM Japan Ltd.
19-21, Nihonbashi-Hakozakicho, Chuo-ku
Tokyo 103-8510, Japan

The following paragraph does not apply to the United Kingdom or any other country where such provisions are inconsistent with local law: INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. IBM may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

Any references in this information to non-IBM Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this IBM product and use of those Web sites is at your own risk.

IBM may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.

Licensees of this program who wish to have information about it for the purpose of enabling: (i) the exchange of information between independently created programs and other programs (including this one) and (ii) the mutual use of the information which has been exchanged, should contact:

IBM Corporation
Location Code IE9
Tower 3
900 Chelmsford Street
Lowell, MA 01851-5114
U.S.A.

Such information may be available, subject to appropriate terms and conditions, including in some cases, payment of a fee.

The licensed program described in this document and all licensed material available for it are provided by IBM under terms of the IBM Customer Agreement, IBM International Program License Agreement or any equivalent agreement between us.

Any performance data contained herein was determined in a controlled environment. Therefore, the results obtained in other operating environments may vary significantly. Some measurements may have been made on development-level systems and there is no guarantee that these measurements will be the same on generally available systems. Furthermore, some measurements may have been estimated through extrapolation. Actual results may vary. Users of this document should verify the applicable data for their specific environment.

Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements or other publicly available sources. IBM has not tested those products and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

All statements regarding IBM's future direction or intent are subject to change or withdrawal without notice, and represent goals and objectives only.

This information contains examples of data and reports used in daily business operations. To illustrate them as completely as possible, the examples include the names of individuals, companies, brands, and products. All of these names are fictitious and any similarity to the names and addresses used by an actual business enterprise is entirely coincidental.

If you are viewing this information softcopy, the photographs and color illustrations may not appear.

This Software Offering does not use cookies or other technologies to collect personally identifiable information.

Copyright

Licensed Materials - Property of IBM Corporation.

© Copyright IBM Corporation, 2024.

This information contains sample application programs in source language, which illustrate programming techniques on various operating platforms. You may copy, modify, and distribute these sample programs in any form without payment to IBM, for the purposes of developing, using, marketing or distributing application programs conforming to the application programming interface for the operating platform for which the sample programs are written.

These examples have not been thoroughly tested under all conditions. IBM, therefore, cannot guarantee or imply reliability, serviceability, or function of these programs. You may copy, modify, and distribute these sample programs in any form without payment to IBM for the purposes of developing, using, marketing, or distributing application programs conforming to IBM's application programming interfaces.

IBM, the IBM logo and ibm.com are trademarks or registered trademarks of International Business Machines Corp., registered in many jurisdictions worldwide.

The following terms are trademarks or registered trademarks of other companies:

Adobe, the Adobe logo, PostScript, and the PostScript logo are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States, and/or other countries.

Microsoft, Windows, and the Windows logo are trademarks of Microsoft Corporation in the United States, other countries, or both.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

UNIX is a registered trademark of The Open Group in the United States and other countries.

Java and all Java-based trademarks and logos are trademarks or registered trademarks of Oracle and/or its affiliates.

Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the Web at "Copyright and trademark information" at www.ibm.com/legal/copytrade.shtml.