Red Hat Application Migration Toolkit 4.2

Red Hat Application Migration Toolkit 4.2.1 Release Notes

New features and changes in this release.

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Abstract

These release notes describe the new features and changes implemented for the Red Hat Application Migration Toolkit (RHAMT) 4.2.1 release.

Table of Contents

CHAPTER 1. INTRODUCTION **3**

CHAPTER 2. NEW FEATURES **4**
2.1. JAVA 11 SUPPORT 4
2.2. RED HAT JBOSS ENTERPRISE APPLICATION PLATFORM 7.2 MIGRATION PATH 4
2.3. OPENSHIFT INSTALLATION UPDATE 4
2.4. INCLUSIVE CSV REPORT 4

CHAPTER 3. KNOWN ISSUES **5**

CHAPTER 4. RESOLVED ISSUES **6**

CHAPTER 1. INTRODUCTION

These release notes describe the new features and changes implemented for the Red Hat Application Migration Toolkit (RHAMT) 4.2.1 release.

The RHAMT 4.2.1 release is a point release that focuses primarily on addressing issues and improving usability.

CHAPTER 2. NEW FEATURES

2.1. JAVA 11 SUPPORT

This release introduces support for Java 11 as Technology Preview. Users can now run this distribution of RHAMT and generate reports using this version of Java.

IMPORTANT

Technology Preview features are not supported with Red Hat production service level agreements (SLAs), might not be functionally complete, and Red Hat does not recommend to use them for production. These features provide early access to upcoming product features, enabling customers to test functionality and provide feedback during the development process.

See Technology Preview Features Support Scope on the Red Hat Customer Portal for information about the support scope for Technology Preview features.

2.2. RED HAT JBOSS ENTERPRISE APPLICATION PLATFORM 7.2 MIGRATION PATH

Rules for Red Hat JBoss Enterprise Application Platform (JBoss EAP) 7.2 have been included in this release. When specifying **`eap:7`** as the target release the generated reports will now highlight issues pertaining to JBoss EAP 7.2 migration paths.

2.3. OPENSHIFT INSTALLATION UPDATE

This release introduces new templates and an installation procedure for RHAMT on OpenShift.

Details on these templates are found at Understanding the Web Console OpenShift Image and Deploy the RHAMT Application.

2.4. INCLUSIVE CSV REPORT

When specifying the **`--exportCSV`** argument, an **`AllIssues.csv`** file is now generated in the root directory of the report.

This file includes all discovered issues, spanning all analyzed applications, in addition to the individual CSV files generated per application.

CHAPTER 3. KNOWN ISSUES

At the time of the release the following known issues have been identified as important issues worth highlighting. For a full list of all known issues and issues that have been identified since the release, see this JIRA filter.

Table 3.1. Known Issues

ID	Component	Summary
WINDUP-2333	OpenShift	Cannot access reports when RHAMT installed on OCP
WINDUP-2325	Web Console	Unzip install fails due to existence of .failed files
WINDUP-2304	Eclipse Plugin	Update run configuration to include JDK instead of JRE
WINDUP-2297	Maven Plugin	Dependency conflicts on org.apache.maven:maven-model:jar, causing unexpected code behaviors
WINDUP-2264	Eclipse Plugin	Sometimes the eclipse plugin can't connect to the rhamt server it just spawned
WINDUP-2147	OpenShift	liveness probe for executor pod is tied to web console
WINDUP-2122	Eclipse Plugin	Better support for cleanly updating from one version of the plugin to another.
WINDUP-2025	Web Console	Wrong time is displayed on analysis result page when there's an offset between server and client time
WINDUP-2010	Eclipse Plugin	Issue Explorer not populating results after analysis
WINDUP-1972	Web Console	Issues in application view: Embedded Framework / library doesn't show file

CHAPTER 4. RESOLVED ISSUES

At the time of the release the following resolved issues have been identified as important issues worth highlighting. For a full list of all issues resolved in this release, see this JIRA filter.

Table 4.1. Resolved Issues

ID	Summary
WINDUP-2277	RHAMT on Openshift - Package Discovery service causes the WebUi Pod to run out of memory
WINDUP-2238	Warnings are shown when launching web console
WINDUP-2177	Enrich mouse over information on tech punch card
WINDUP-1986	Maven plugin should come with a default value for windupVersion
WINDUPRULE-178	Non-JPA applications that use Hibernate with JTA must set hibernate.transaction.coordinator_class