Automic Release Automation 12.0.8

Component	Description
License.Reporting.Tool	telemetry query for Cloud Agents
Package.Connectivity	Update of 3rd party libraries to address security vulnerabilities.
Package.ITPA.Shared	Update of 3rd party libraries to address security vulnerabilities.
Package.Oracle.DB	FIx plugin to allow for parameters after a SQL script file reference.
Package.Text	Update of 3rd party libraries to address security vulnerabilities.
Package.Tomcat.Templates	CDA Artifact Model is supported
Package.XML	Update of 3rd party libraries to address security vulnerabilities.
PM - Application Release Automation	Update pack dependencies
	New solution for collecting and compiling historical data
	List of third-party licenses.
	Security concept provided in documentation
	Artifact Model - Support SCP
	Action Pack now supports Java 11 (Open JDK)
PM - Application Workload Automation	MS SQL Server: Disable Lock Escalation
	Support of IBM Java for AIX platform
	Support of GlassFish 4 for Internal Webservices
	Outdated libraries have been replaced due to security vulnerabilities
	Centralized Agent Upgrade
	Accelerated Workflow Completion
	System variable UC_SYSTEM_SETTINGS includes two new keys for the Java Work Process (JWP).
	New built-in validation checks for z/OS agents.
	New Service Level Management (SLM) functionality
	New Zero Downtime Upgrade Wizard
	New Option to use alternative Login credentials for JRE keystore file (JWP)
	ServiceManager now secured by password for all actions

License.Reporting.Tool

telemetry query for Cloud Agents

telemetry query for Cloud Agents

Fixed Versions:

- License.Reporting.Tool 6.0.1

Package.Connectivity

Update of 3rd party libraries to address security vulnerabilities.

Update of 3rd party libraries to address security vulnerabilities.

Fixed Versions:

- Package.Connectivity 1.1.2

Package.ITPA.Shared

Update of 3rd party libraries to address security vulnerabilities.

Update of 3rd party libraries to address security vulnerabilities.

Fixed Versions:

- Package.ITPA.Shared 1.3.2

Package.Oracle.DB

FIx plugin to allow for parameters after a SQL script file reference.

Fixed a bug where, if the user specified a SQL script file like @file.sql and then passed additional parameters after that, the step would error out because it couldn't verify the file exists.

Components:

- PCK.AUTOMIC_ORACLE_DB

Fixed Versions:

- Package.Oracle.DB 1.0.3

Package.Text

Update of 3rd party libraries to address security vulnerabilities.

Update of 3rd party libraries to address security vulnerabilities.

Fixed Versions:

- Package.Text 1.2.1

Package.Tomcat.Templates

CDA Artifact Model is supported

The GetArtifact action is always included in the Component workflow template.

Components:

- PCK.AUTOMIC_TMPL_TOMCAT

Fixed Versions:

- Package.Tomcat.Templates 1.1.0

Package.XML

Update of 3rd party libraries to address security vulnerabilities.

Update of 3rd party libraries to address security vulnerabilities.

Fixed Versions:

- Package.XML 1.2.4

PM - Application Release Automation

Update pack dependencies

Pack dependencies are updated to versions that support Java 11 (OpenJDK):
PCK.AUTOMIC_JDBC ~> 1.4, PCK.AUTOMIC_FILESYSTEM ~> 1.3

Components:

- Package.MSSQL

Fixed Versions:

- Package.MSSQL 1.1.0

New solution for collecting and compiling historical data

Analytics, our new solution for collecting and compiling large amounts of historical data about your Automation Engine (AE) system for analysis and reporting, is available for use.

Components:

- Analytics.On.Premise

Fixed Versions:

- Analytics.On.Premise 1.0.0
- Automation.Engine 12.0.0
- Release.Manager 7.0.0

List of third-party licenses.

Information on third-party components used within the Automic products is available in the documentation.

Components:

- Automation.Engine
- Documentation
- Release.Manager

Fixed Versions:

- Automation.Engine 12.0.0
- Release.Manager 7.0.0
- Documentation 12.0.0

Security concept provided in documentation

The security documentation has been enhanced with new topics on how to secure the individual software components.

Components:

- Automation.Engine
- Documentation
- Release.Manager

Fixed Versions:

- Automation.Engine 12.0.0
- Release.Manager 7.0.0
- Documentation 12.0.0

Artifact Model - Support SCP

New Artifact functionality using SCP

Components:

- Package.SCP
- Release.Manager

Fixed Versions:

- Package.SCP 1.2.0

Action Pack now supports Java 11 (Open JDK)

Support Java 11 (Open JDK)

Components:

- Package.SCP

Fixed Versions:

- Package.SCP 1.2.0

PM - Application Workload Automation

MS SQL Server: Disable Lock Escalation

MS SQL escalates from row to table locking if more than 5000 locks are allocated, which could lead to a down time in the system. To avoid it, the parameter LOCK_ESCALATION is set to "DISABLED" for all tables by default.

Components:

- Automation.Engine

Fixed Versions:

- Automation.Engine 12.0.0
- Documentation 12.0.0

Support of IBM Java for AIX platform

The Automation Engine now fully supports IMB Java for the IBM AIX platform.

Components:

- Automation.Engine
- Documentation

Fixed Versions:

- Automation.Engine 11.2.0
- Automation.Engine 12.0.0
- Automation.Engine 12.1.0

Support of GlassFish 4 for Internal Webservices

The Automation Engine now fully supports GlassFish 4 for Internal Webservices.

Fixed Versions:

- Automation.Engine 11.2.0
- Automation.Engine 12.0.0
- Automation.Engine 12.1.0

Outdated libraries have been replaced due to security vulnerabilities

The Library SSH-2.0-JSCH has been updated from version 0.1.54 to 0.1.55.

Components:

- RA.FTP

Fixed Versions:

- RA.FTP 4.1.0

Centralized Agent Upgrade

As of this version agents can be upgraded smoothly in a controlled and automated process:

- Central agent upgrade from the Automation Engine
- Single or multiple agent upgrade at the same time
- Selectable target version for the upgrade (newer or older version)
- All upgrade steps are available through the Automic Web Interface
- No need to login to the agent server
- Continuous operation is ensured by the Automation Engine

Components:

- Documentation

Fixed Versions:

- Automation.Engine 12.0.0

Accelerated Workflow Completion

Workflows in a system with the highest amount of already finished tasks are accelerated to ensure earliest possible completion.

- New key in the UC_CLIENT_SETTINGS variable: WF_COMPLETION_ACCELERATION ensures that active workflows are completed according to their amount of finished tasks.
- Recursive passing on of priority from parent to children workflows either via script elements or using the new checkbox on the UI.

Components:

- Documentation

Fixed Versions:

- Automation.Engine 12.0.0

System variable UC_SYSTEM_SETTINGS includes two new keys for the Java Work Process (JWP).

JWP_KEYSTORE_PATH: The JWP uses the default path of the JRW keystore file. Now, this key can be used to set a path of your choice. Any network path defined by UNC or local paths are possible.

JWP_KEYSTORE_LOGIN: An alternative password for accessing the keystore file can be used if you reference a Login object in this key and modify the object accordingly.

Components:

- Documentation

Fixed Versions:

- Automation.Engine 12.0.0

New built-in validation checks for z/OS agents.

These built-in checks are carried out before submitting jobs to the JES in cases where they would not run anyway. Whether the agent carries out these checks is defined in its INI file.

- Duplicate job check
- Scheduling environment check
- Initiator check

Components:

- Documentation

Fixed Versions:

- Automation.Engine 12.0.0

New Service Level Management (SLM) functionality

The new SLM functionality allows you to depict all the parties involved in a Service Level Agreement via SLO objects, to control and monitor whether the fulfillment criteria stipulated therein are met or not, and to take actions in either case.

Components:

- Documentation

Fixed Versions:

- Automation.Engine 12.0.0

New Zero Downtime Upgrade Wizard

The Zero Downtime Upgrade wizard that had been introduced with v11.2 has been improved and been ported to the AWI. The wizard interface is even easier to use and the necessary steps are also described in short texts in the wizard itself.

Components:

- Documentation

Fixed Versions:

- Automation.Engine 12.0.0

New Option to use alternative Login credentials for JRE keystore file (JWP)

You can set an alternative password for accessing the keystore file now. If you want to use another password, you have to reference a Login object in the key JWP_KEYSTORE_LOGIN (in the variable UC_SYSTEM_SETTINGS). In addition you have to modify that Login object's Login page.

Components:

- Documentation

Fixed Versions:

- Automation.Engine 12.0.0

ServiceManager now secured by password for all actions

To make the ServiceManager even more secure, a password the user defines will now be necessary for all actions in the ServiceManager.

Components:

- Documentation

Fixed Versions:

- Automation.Engine 12.0.0