

## Continuous Delivery Automation 12.2.11

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	Flx 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
	Artifact Model - Support SCP
	Support Java 11 (Open JDK)
	Action Pack now supports Java 11 (Open JDK)
PM - Application Workload Automation	Extension of Automation Engine REST API
	PostgreSQL as main database for the Automation Platform
	External password vault integration for Login objects
	Service Manager Security Enhancement
	Version Control enables Automation Engine to connect to a Git repository
	Outdated libraries have been replaced due to security vulnerabilities

## 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

### Artifact Model - Support SCP

New Artifact functionality using SCP

**Components:**

- Package.SCP
- Release.Manager

**Fixed Versions:**

- Package.SCP 1.2.0

### Support Java 11 (Open JDK)

Action Pack Agent Deployment now supports Java 11 (Open JDK)

**Components:**

- Package.Agent.Deployment

**Fixed Versions:**

- Package.Agent.Deployment 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****Extension of Automation Engine REST API**

The AE REST API is an easy consumable and standardized API for developers. It provides an interface for third party applications to interact with the Automation Engine and allows users to target it not only from Java, but from many programming languages. The AE REST API has a dedicated Java-based Communication Process (JCP) to process REST requests.

The following capabilities have been added in this release:

- Start executions "recurring" or "once" (optional with alias)
- Restart executions considering restart parameters optionally
- Monitor executions considering alias, archive keys, title, and estimated runtime
- Monitor executions including object variables and reports
- Read and set execution comments
- Read top-level inputs/prompt set variables of objects to be executed
- Check health of REST WS and/or AE system (fail-over/clustering, load balancing)
- Check in/out AE objects to/from an external version control system
- Import/export AE objects

**Components:**

- Automation.Engine

**Fixed Versions:**

- Automation.Engine 12.2.0

**PostgreSQL as main database for the Automation Platform**

As of version 12.2.0, PostgreSQL is supported as main database for the Automation Platform

- Enables Automation Engine to be deployed on an advanced Open Source DB.
- PostgreSQL is reliable, stable, well performing and easy to maintain.
- Supported PostgreSQL versions >= 10.0
- The One Installer offers a complete installation including PostgreSQL for all offerings.
- ILM support for PostgreSQL will be provided with one of the future versions.

**Components:**

- Automation.Engine

**Fixed Versions:**

- Automation.Engine 12.2.0

**External password vault integration for Login objects**

Starting with version 12.2, it is possible to store agent credentials that are defined in the Login objects also in external password vaults. The supported integration with this AE version is the solution from CyberArk.

**Components:**

- Automation.Engine

**Fixed Versions:**

- Atomic.Web.Interface 12.2.0
- Automation.Engine 12.2.0

**Service Manager Security Enhancement**

- TLS 1.2 communication encryption between Service Manager, Service Manager Dialog, CLI and Automation Engine.
- Authentication via certificate validation is optional and can be enabled by certificate deployment
- Service Manager Dialog, CLI and AE Communication are backwards compatible with legacy Service Managers.
- Prerequisite: CAPKI - Public Key Infrastructure installed on all involved computers.

**Components:**

- Automation.Engine

**Fixed Versions:**

- Automation.Engine 12.2.0

**Version Control enables Automation Engine to connect to a Git repository**

With version 12.2.0 of AWA, customers can use a Git repository to exchange data between clients and engines. By adhering to widely accepted industry standards, this enables:

- Collaborative work on Automation applications across multiple clients
- Transferring objects between different environments with ease
- Setting up templates for rapid deployment across multiple Automation Engine environments
- Access via REST API

**Fixed Versions:**

- Automation.Engine 12.2.0

**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