Software AG Infrastructure 10.3 Readme

October 2018

This file contains important information you must read before using Software AG Infrastructure 10.3. You can find system requirements, user documentation, and installation and upgrade instructions on the [Documentation website](#) or the [TECHcommunity website](#). At those locations, you can also find suite-related security and globalization information.

Included in this file is information about functionality that has been added, removed, deprecated, or changed for this product. Deprecated functionality continues to work and is supported by Software AG, but may be removed in a future release. Software AG recommends against using deprecated functionality in new projects.

1.0 Critical Information

This section lists any critical issues for the current release that were known when this readme was published. For critical information found later, go to the Knowledge Center on the [Empower website](#).

2.0 Known Issues

This section lists any issues for the current release that were known when this readme was published. For known issues found later, go to the Knowledge Center on the [Empower website](#).

- Common Landscape Asset Registry does not support Git LFS repositories when a Git installation is installed without the Git LFS plugin.
  To work around this issue, remove the Git installation or install the Git LFS plugin in addition to the Git installation.

- JConsole has some known issues when using a JMX connection to the CTP profile. The connection over SSL is not possible due to Java limitations. This capability is disabled for versions higher than 1.7.0_25 (removed due to vulnerabilities found: [CVE-2013-2453](#), [CVE-2013-2457](#))
  There is currently no workaround for this issue. This affects the following releases: 9.5, 9.6, 9.7, 9.8, 9.9, 9.10, 9.12, 10.0, 10.1, and 10.2.

3.0 Usage Notes

This section provides any additional information you need to work with the current release of this product.

Software AG Runtime

Software AG does not recommend using org.apache.log4j.net.SocketAppender in the logging configuration due to security vulnerability [CVE-2019-17571](#).

4.0   Fixes Included in Each Release

This section lists the latest fix level that has been included in each release for each product component. A release is listed in this section only if changes occurred in that release. Go to the Knowledge Center on the Empower website for detailed information about fixes.

Common Landscape Asset Registry

Release 10.3

- LAR_10.2_Fix1

Release 10.2

- LAR_10.1_Fix1

Common Service Container

Release 10.2

- SEC_10.1_Fix2

Software AG Runtime

Release 10.3

- OGI_10.2_Fix3
- OGI_10.2_Migration_Fix1

Release 10.2

- OGI_10.1_Fix4
- OGI_10.1_Migration_Fix3
- OGI_10.1_Agent_Fix1

Release 10.1

- OGI_10.0_Fix1

Release 10.0

- OGI_9.10_Fix5

Release 9.12

- OGI_9.10_Fix3

Release 9.10

- OGI_9.9_Fix1

Release 9.9

- OGI_9.8_Fix4

Release 9.8

- OSGi_Platform_9.7_Fix10

Software AG Security Infrastructure

Release 10.2

- SIN_10.1_Fix3

Release 10.0

- SIN_9.9_Fix4

Release 9.10

- SIN_9.9_Fix1

Release 9.9

- SIN_9.8_Fix2

Software AG Web Services Stack

Release 10.3

- WSS_10.2_Core_Fix2

- WSS_10.2_WebApp_Fix2

- WSS_10.2_OSGi_Fix2

Release 10.2

- WSS_10.1_Core_Fix3

- WSS_10.1_WebApp_Fix3

- WSS_10.1_OSGi_Fix3

Release 10.1

- WSS_10.0_Fix1

Release 10.0

- WSS_9.12_Fix2

Release 9.12

- WSS_9.10_Fix3

Release 9.10

- WSS_9.9_Fix10

Release 9.9

- WSS_9.8_Fix4

Release 9.8

- WSS_9.7_Fix3

5.0   Other Resolved Issues

This section lists the issues that were resolved in each release but were not part of the fixes listed in the previous section. A release is listed in this section only if changes occurred in that release.

Software AG Runtime

Release 9.9

- OGI-927
  With OSGi Common Platform, when a daily time-based rollover is used, a size-based rollover causes the timestamp in the filename to be wrongly incremented by one day.
  The issue is resolved.

- OGI-1005
  PseudoUUID class produces non-unique IDs. Tests showed that non-unique UUID string would be created when 40 or more threads were requesting UUIDs simultaneously. The source of random values used by this class was changed to provide a more secure list of random values.

Release 9.8

▪ OGI-723
In the OSGi platform, the JAAS configuration file contains plain text credentials. The issue is resolved. The OSGi platform can now modify the JAAS configuration file to hide the values of certain fields marked by the user as secure. You can mark plain text credentials as secure in the JAAS configuration file and the OSGi platform automatically hides the credentials the first time it reads the configuration file.

Software AG Web Services Stack

Release 9.12

▪ WSSTACK- 2190
With Web Services Stack, potential clickjacking security vulnerability is detected in the Web Services Stack administration pages.
The issue is resolved.

▪ WSSTACK- 2499
Software AG Web Services Stack has a potential security vulnerability regarding access to Web Services Stack web pages.
The issue is resolved. The vulnerability has been addressed and the pages are no longer accessible.

Release 9.9

▪ WSSTACK- 1904
With Web Services Stack, HttpCore 4.2 causes issues when used with HttpClient 4.4.1.
The issue is resolved. The HttpCore component set is updated to 4.4.1.

▪ WSSTACK-1862
With Web Services Stack, serving the WSDL when there are references/imports to external schemes may fail with a "String out of range -1" error. The issue is resolved.

Software AG Security Infrastructure

Release 9.9

▪ SIN-1087
ClassCastException during MWS startup The initialization of the OWASP Enterprise Security API used by Software AG Security infrastructure fails with ClassCastException if ESAPI loggers are accessed before its initialization is complete. The issue is resolved.

▪ SIN-1096
With Software AG Common Platform, the bouncycastle-bcprov 1.47 library has a known security vulnerability. The issue is resolved. The library is updated to the stable version bouncycastle-

bcprov 1.52.

- SIN-1077
The recursive search for users and groups does not work properly. With Software AG Security Infrastructure, the recursive search for users and groups does not work properly when memberInfoInGroups=false. The issue is resolved.

6.0   Documentation Changes

This section describes significant changes to the documentation, such as the addition, relocation, or removal of product guides, online help, chapters, or other major content. A release is listed in this section only if changes occurred in that release.

Release 10.3

- A new chapter, "Software AG Runtime Logging", is added to *Software AG Infrastructure Administrator's Guide*.

- A new chapter, "Collecting Diagnostic Information About Software AG Products", is added to *Software AG Infrastructure Administrator's Guide*.

- *Software AG Infrastructure Administrator's Guide* is available as a web help on the Software AG Empower website.

Release 10.0

A new chapter, "Working with Software AG Common Landscape Asset Registry", is added to *Software AG Infrastructure Administrator's Guide*.

Release 9.9

- New Software AG Infrastructure Administrator's Guide

The documentation for Software AG Common Platform, Software AG Runtime, Software AG Security Infrastructure, Software AG Web Services Stack, and the Tanuki Software, Ltd. Java Server Wrapper as it is used by Software AG products has been combined into a single guide named Software AG Infrastructure Administrator's Guide.

- New Software AG Infrastructure Readme

The readmes for Software AG Common Platform, Software AG Runtime, Software AG Security Infrastructure, and Software AG Web Services Stack have been combined into a single Software AG Infrastructure readme. In addition, the combined readme has been expanded to contain cumulative information for these products back to the 9.5 release.

7.0   Terminology Changes

A release is listed in this section only if changes occurred in that release.

8.0   Added, Removed, Deprecated, or Changed Items

This section lists functionality, controls, portlets, properties, or other items that have been added, removed, deprecated, or changed. A release is listed in this section only if changes occurred in that release.

Software AG Security Infrastructure

Release 10.3

Deprecated Item	Replacement, if any
LdapLoginModule	com.softwareag.security.sin.is.ldap.lm.LdapLoginModule
com.softwareag.security.jaas.login.ldap. LdapLoginModule	

Release 10.0

Removed Item	Replacement, if any
SSX authentication removed	

Release 9.10

Deprecated Item	Description
IAF	SSX authentication over IAF is deprecated.

Software AG Runtime

Release 10.3

Added Item	Description
Diagnostic Information Collector Tool	Collects diagnostic information about the Software AG Common Platform and the OSGi profiles of Software AG products. The tool collects and archives files for troubleshooting from the Software AG installation directory and the Software AG Update Manager directory. It also enables you to edit the log configuration file for each profile. For more information about using the tool, see *Software AG Infrastructure Administrator's Guide*.

Release 10.2

Added Item	Description
Tomcat Upgrade	Apache Tomcat is upgraded to version 8.5.23, which resolves known security vulnerabilities.

Release 10.1

Added Item	Description
Tomcat Upgrade	Apache Tomcat is upgraded to version 8.5.11, which resolves known security vulnerabilities.

Release 10.0

Added Item	Description
Tomcat Upgrade	Apache Tomcat is upgraded to version 8.5.5, which resolves known security vulnerabilities.

Added Item	Description
Gemini Web Upgrade	Gemini Web is upgraded to version 3.0.0.RC2 , which resolves known issues.

Release 9.12

Added Item	Description
Tomcat Upgrade	Apache Tomcat is upgraded to version 7.0.70, which resolves known security vulnerabilities.

Release 9.9

Added Item	Description
Tomcat Upgrade	Apache Tomcat is upgraded to version 7.0.62, which resolves known security vulnerabilities.
Gemini Web Upgrade	Gemini Web is upgraded to version 2.2.7, which resolves known issues.
Direct the Java Util Logging framework to the Software AG Runtime log	Provides efficient bridging of the Java Util Logging logs to the Log4J backend used by Software AG Runtime.

Release 9.8

Added Item	Description
Dynamic Bundle Deployment	Allows the OSGi platform to deploy bundles from a target directory at runtime. The directory can be continuously monitored by the platform or the deployment can be triggered explicitly via a call to an OSGi service.

Software AG Web Services Stack

Release 10.3

Added Item	Description
AES128-GCM Encryption Algorithm	Software AG Web Services Stack supports the AES128-GCM encryption algorithm.

Release 9.12

Changed Item	Description
Spring Upgrade	Spring Framework is upgraded to version 3.2.17, which resolves known security vulnerabilities.

Release 9.8

Changed Item	Description
Secured WSS Admin and Happy Axis pages	WSS Admin page and Happy Axis page are now secured with Software AG Security Infrastructure.

9.0   Added, Removed, Deprecated, or Changed Built-In Services

A release is listed in this section only if changes occurred in that release.

Software AG Runtime

Release 9.8

Added Service	Description
Passman MBean	This service provides password retrieval using passman handles.

Common Landscape Asset Registry

Release 9.12

Added Service	Description
Common Landscape Asset Registry built-in services	This is the initial release. All services are effectively added.

Common Service Container

Release 9.12

Added Service	Description
Common Service Container built-in services	This is the initial release. All services are effectively added.

10.0 Added, Removed, Deprecated, or Changed Parameters

A release is listed in this section only if changes occurred in that release.

Software AG Runtime

Release 9.9

Added Parameter	Description
com.softwareag.catalina.env.pid-suffix.properties	Configuration property files for Environment Entries Configuration, which are located in *<SoftwareAG_directory>*\profiles\CTP \configuration\com.softwareag.platform.config. propsloader. They have the following properties: context, enabled, (1-9).env-entry.name, (1-9).env-entry.type, (1-9).env-entry.value, (1-9).env-entry.override.
	This configuration can be applied to every profile.
	Environment Entries support multiple configurations, which must have different names. To achieve this, the 'suffix' in the configuration name must be changed.

Release 9.8

Added Parameter	Description
com.softwareag.bundle.watchdog.pid	A configuration file for Dynamic Bundle Deployment, which is located in *<SoftwareAG_directory>*\profiles\CTP\configuration\com.softwareag.platform.config.propsloader. It has the following properties: directory, scanPoll, scanInitial, start, startLevel. This configuration can be applied to every profile.
com.softwareag.bundle.watchdog.global.pid	A configuration file for Dynamic Bundle Deployment, which is located in *<SoftwareAG_directory>*\profiles\CTP\configuration\com.softwareag.platform.config.propsloader. It has the following properties: refreshToWireOptionals, refreshToAttachFragments and controls the common behavior of the Bundle Deployment.

Common Landscape Asset Registry

Release 9.12

Added Parameter	Description
Common Landscape Asset Registry configuration parameters	This is the initial release. All configuration parameters are effectively added.

Common Service Container

Release 9.12

Added Parameter	Description
Common Service Container configuration parameters	This is the initial release. All configuration parameters are effectively added.

11.0 Added, Removed, Deprecated, or Changed APIs

A release is listed in this section only if changes occurred in that release.

Common Landscape Asset Registry

Release 10.3

Added API	Description
Common Landscape Asset Registry Transformer APIs	APIs that provide an easily extensible way of modifying binary and metadata assets.

Release 10.2

Added API	Description
Common Landscape Asset Registry Roll back APIs	API that allows roll back of assets in a repository.
Common Landscape Asset Registry Promotion APIs	API that allows promotion of assets between repositories.

Release 9.12

Added API	Description
Common Landscape Asset Registry APIs	This is the initial release. All APIs are effectively added.

Common Service Container

Release 9.12

Added API	Description
Common Service Container APIs	This is the initial release. All APIs are effectively added.

Added Parameter	Description
Audit log APIs	API that provides audit logging functionality.

12.0 Copyright Information

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13.0 Support

Visit the Empower website to learn about support policies and critical alerts, read technical articles and papers, download products and fixes, submit feature/enhancement requests, and more.

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