Software AG Infrastructure 10.7 Readme

October 2020

This file contains important information you must read before using Software AG Infrastructure 10.7. 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: 9.10, 9.12, 10.0, 10.1, 10.2, 10.3, 10.4, 10.5, and 10.7.

3.0   Usage Notes

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

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.

webMethods Metering

Release 10.7

- MTA_10.7_Fix1

Release 10.5

- MTA_10.5_Fix4

Common Landscape Asset Registry

Release 10.7

- LAR_10.5_Fix2
- LAR_10.5_Designer_Fix2

Release 10.5

- LAR_10.4_Fix2
- LAR_10.4_Designer_Fix2

Release 10.4

- LAR_10.3_Fix7
- LAR_10.3_Designer_Fix7

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 10.7

- OGI_10.7_Fix1

Release 10.5

- OGI_10.4_Fix1
- OGI_10.4_Migration_Fix1

Release 10.4

- OGI_10.3_Fix2

- OGI_10.3_Migration_Fix2

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

Software AG Security Infrastructure

Release 10.7

- SIN_10.5_Fix4

Release 10.4

- SIN_10.3_Fix1

Release 10.2

- SIN_10.1_Fix3

Release 10.0

- SIN_9.9_Fix4

Release 9.10

- SIN_9.9_Fix1

Software AG Web Services Stack

Release 10.7

- WSS_10.5_Core_Fix5

- WSS_10.5_WebApp_Fix5

- WSS_10.5_OSGi_Fix5

Release 10.4

- WSS_10.3_Core_Fix3

- WSS_10.3_WebApp_Fix3

- WSS_10.3_OSGi_Fix3

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

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 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.

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 10.7

- New topics, describing how to monitor product usage data and how to use the webMethods Metering Server on premise, are added in the "webMethods Metering" section of *Software AG Infrastructure Administrator's Guide*.

Release 10.5

- A new section, "webMethods Metering", is added to *Software AG Infrastructure Administrator's Guide*, describing how to configure and use the webMethods Metering feature.

- New topics, "Deleting sag-osgi Log Files" and "Configuring the Assertion Validity Interval", are added to *Software AG Infrastructure Administrator's Guide*.

Release 10.4

- The topic "Collecting Diagnostic Information About Software AG Products" in *Software AG Infrastructure Administrator's Guide* has been expanded with new content on how to collect diagnostic information about the OSGi profiles of Software AG products and edit the log configuration files for product profiles using the web user interface of the Software AG Diagnostic Tool.

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*.

7.0   Terminology Changes

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

Release 10.4

Old Term	New Term
Software AG Diagnostic Information Collector	Software AG Diagnostic Tool

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 10.7

Added Item	Description
Bouncy Castle upgrade	Bouncy Castle is upgraded to version 1.65, which resolves known security vulnerabilities.
Spring Security upgrade	Spring Security is upgraded to version 5.3.4, which resolves known security vulnerabilities.
Spring Security SAML upgrade	Spring Security SAML is upgraded to version 1.0.10, which resolves known security vulnerabilities.

Release 10.5

Added Item	Description
Bouncy Castle upgrade	Bouncy Castle is upgraded to version 1.65, which resolves known security vulnerabilities.

Release 10.3

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

Added Item	Description
Bouncy Castle upgrade	Bouncy Castle is upgraded to version 1.65, which resolves known security vulnerabilities.

Release 10.1

Added Item	Description
Bouncy Castle upgrade	Bouncy Castle is upgraded to version 1.65, which resolves known security vulnerabilities.
Spring Security upgrade	Spring Security is upgraded to version 5.3.2, which resolves known security vulnerabilities.
Spring Security SAML upgrade	Spring Security SAML is upgraded to version 1.0.10, which resolves known security vulnerabilities.

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 10.7

Added Item	Description
Apache Tomcat upgrade	Apache Tomcat is upgraded to version 8.5.51, which resolves known security vulnerabilities.
Apache Shiro upgrade	
International Components for Unicode upgrade	Apache Shiro is upgraded to version 1.6.0, which resolves known security vulnerabilities.
	International Components for Unicode is upgraded to version 64.2.0, which resolves known security vulnerabilities.
Software AG Diagnostic Tool validation feature	The Installation Validator verifies the integrity of the Software AG Common Platform and the OSGI profiles of Software AG products. By default, it is enabled and runs as a part of the Diagnostic Tool. For more information about using the tool, see *Software AG Infrastructure Administrator's Guide*.

Release 10.5

Added Item	Description
Apache Tomcat upgrade	Apache Tomcat is upgraded to version 8.5.57, which resolves known security vulnerabilities.
Apache Shiro upgrade	Apache Shiro is upgraded to version 1.6.0, which resolves known security vulnerabilities.
International Components for Unicode upgrade	International Components for Unicode is upgraded to version 63.1.0, which resolves known security vulnerabilities.

Added Item	Description
Software AG Diagnostic Tool validation feature	The Installation Validator verifies the integrity of the Software AG Common Platform and the OSGI profiles of Software AG products. By default, it is enabled and runs as a part of the Diagnostic Tool. For more information about using the tool, see *Software AG Infrastructure Administrator's Guide*.

Release 10.4

Added Item	Description
Apache Tomcat upgrade	Apache Tomcat is upgraded to version 8.5.35, which resolves known security vulnerabilities.
Software AG Diagnostic Tool web user interface	You can collect diagnostic information about the OSGi profiles of Software AG products and edit the log configuration files for product profiles using the web user interface of the Diagnostic Tool. For more information about using the tool, see *Software AG Infrastructure Administrator's Guide*.

Removed Item	Replacement, if any
Web Services Stack (WSS) is not installed with Software AG Runtime by default.	
EDA is not installed with 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*.

Added Item	Description
Apache Tomcat upgrade	Apache Tomcat is upgraded to version 8.5.57, which resolves known security vulnerabilities.
Apache Shiro upgrade	Apache Shiro is upgraded to version 1.6.0, which resolves known security vulnerabilities.
Software AG Diagnostic Tool validation feature	The Installation Validator verifies the integrity of the Software AG Common Platform and the OSGI profiles of Software AG products. By default, it is enabled and runs as a part of the Diagnostic Tool. 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
Apache Tomcat upgrade	Apache Tomcat is upgraded to version 8.5.57, which resolves known security vulnerabilities.
Apache Shiro upgrade	Apache Shiro is upgraded to version 1.6.0, 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.
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 7.0.103, which resolves known security vulnerabilities.

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.

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

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

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 10.4

Changed Parameter	Description
Configuration watchdog	The configuration watchdog is no longer configured via a property file. A system property is provided to turn on and off the periodic reload of configuration files.

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.

Software AG Runtime

Release 10.2

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

12.0 Copyright Information

Copyright © 2020 Software AG, Darmstadt, Germany and/or Software AG USA Inc., Reston, VA, USA, and/or its subsidiaries and/or its affiliates and/or their licensors.

The name Software AG and all Software AG product names are either trademarks or registered trademarks of Software AG and/or Software AG USA Inc. and/or its subsidiaries and/or its affiliates and/or their licensors. Other company and product names mentioned herein may be trademarks of their respective owners.

Detailed information on trademarks and patents owned by Software AG and/or its subsidiaries is located at http://softwareag.com/licenses .

This software may include portions of third-party products. For third-party copyright notices, license terms, additional rights or restrictions, please refer to "License Texts, Copyright Notices and Disclaimers of Third Party Products". For certain specific third-party license restrictions, please refer to

section E of the Legal Notices available under "License Terms and Conditions for Use of Software AG Products / Copyright and Trademark Notices of Software AG Products". These documents are part of the product documentation, located at http://softwareag.com/licenses and/or in the root installation directory of the licensed product(s).

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.

Visit the TECHcommunity website to access additional articles, demos, and tutorials, technical information, samples, useful resources, online discussion forums, and more.

INFRA-RM-107-20201015