webMethods Optimize for Infrastructure 9.7 Readme

October 2014

This file contains important information you must read before using webMethods Optimize for Infrastructure 9.7. You can find webMethods Optimize for Infrastructure 9.7 user documentation on the [Documentation website](#) or the [TECHcommunity website](#). At those locations, you can also find the suite-related information listed below.

webMethods Product Suite Release Notes
webMethods and Intelligent Business Operations System Requirements
webMethods System Cache Specifications
Using the Software AG Installer
Installing webMethods and Intelligent Business Operations Products
Using the Software AG Update Manager (fixes)
Upgrading webMethods and Intelligent Business Operations Products
Security and globalization information

1.0   Critical Information

This section lists the 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.

- In order for Optimize for Infrastructure 9.7 to function correctly, it is strongly recommended that all customers install OPT_97_SP1_Fix1. In particular, this fix addresses the issues described in WID-1074 (see Known Issues for more information).

- webMethods Optimize for Infrastructure 9.7 is compatible for execution only with the latest 9.7 versions of other webMethods products. However, you can use webMethods Optimize for Infrastructure 9.7 to monitor earlier versions of webMethods products.

- When using Broker Basic Authentication, do not set ACL on the Analysis client group.

2.0   Known Issues

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

- WID-1074
  Monitoring of Universal Messaging servers causes connection leaks and spurious thread creation. When monitoring any Universal Messaging server continuously, Infrastructure Data Collector will create and retain new connections to that Universal Messaging server and cause new threads to be created in the Universal Messaging connection package.
  As a workaround, install OPT_97_SP1_Fix1.

- WID-1078
  Some My webMethods Server 9.0 Cache KPI instances are not created as expected.
  The following selected cache KPIs are not generating KPI instances when monitoring My webMethods Server 9.0: cacheHits, cacheMisses, deltaCacheHits, deltaCacheMisses. The following selected KPIs are collecting monitors
  cacheSize, maxSize.
  There is no workaround for this issue.

- WID-1075
  Service request counts for Integration Server count KPI may show negative values.
  The Infrastructure Data Collector Integration Server Is Service long Count KPI may return negative values.
  There is no workaround for this issue.

  OBE-6304
  When using SSL, some fields are missing from the Integration Server Add Asset dialog.
  If you discover an Integration Server with SSL, the Add Asset dialog is missing the User/Password fields.

There is no workaround for this issue.

- RGHBAM-5471
  Optimize for Infrastructure cannot discover assets that use an IPv6 address.
  The Optimize Analytic Engine does not function with IPv6, so Optimize for Infrastructure must be run on IPv4 while it monitors resources running on IPv6.
  As a workaround, users need to discover Software AG applications running on IPv6 using the appropriate hostname rather than the IPv6 address.

- WID-287 (was 1-1SIKWH)
  Deleted assets are not immediately removed from the Monitored Components page.
  Depending on the number of monitored components, it can take some time for deleted assets to be removed from the Monitored Components and Analytics Overview pages.
  As a workaround, after deleting the asset, wait a few moments before verifying that the information on the Monitored Components and Analytics Overview pages has been updated.

- WID-917
  In some cases, KPI data collection for Integration Server Cluster (IS Cluster) components may be stopped.
  KPI data is not collected for IS Cluster components if the Integration Server through which the connection is established is suspended or deleted.
  As a workaround, rediscover an Integration Server asset which is part of an IS Cluster configuration, if the connection has been suspended or deleted.

3.0 Usage Notes

This section provides additional information you need to work with the current release of webMethods Optimize for Infrastructure.

- To maintain performance, Optimize now requires a greater quantity of database connections than are provided by default in the webMethods Database Pool Connection settings. For typical systems, the maximum number of connections should be increased to 80. To change the number of available database connections, navigate to Administration > System-Wide > Environments > Database Pool Connections, and then on the Pool Settings panel, change the value in the Maximum Connections field from 36 to 80.

- The KPI Summary Page does not support extended display durations. If you want the KPI Summary page to remain active for long periods of time without user interaction, you must add a workspace and use the Workspace Refresh portlet to keep the page current.

- SSL registration of Analytic Engine web services is not supported.

4.0   Fixes Included in Each Release

This section lists the fixes that have been included in each release. Go to the Knowledge Center on the Empower website for detailed information about fixes.

Release 9.7

- OPT_8.0_SP3_Fix10

- OPT_8.2_SP1_Fix12

- OPT_9.0_SP1_Fix6

- OPT_9.5_SP1_Fix3

- OPT_9.6_SP1_Fix1

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- OPT_8.0_SP3_Fix10

- OPT_8.2_SP1_Fix12

- OPT_9.0_SP1_Fix6

- OPT_9.5_SP1_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.

Release 9.7

- WID-985
  In some cases, KPI data is not collected for Terracotta based Integration Server clusters.
  Optimize does not collect KPI data for Terracotta based Integration Server clusters in some situations. This problem occurs because of DNS resolution in the network. If a fully qualified host name is required to connect from Infrastructure Data Collector to an Integration Server host then IS Cluster monitoring fails.
  This issue has been resolved.

- WID-987

  The Infrastructure Data Collector migrate.sh migration utility fails on Solaris
  When the Infrastructure Data Collector ./migrate.sh script is executed, it fails to run and throws the
  following exception
  bash-3.00$ pwd
  /FS/fs0311/CV/home/wmguest/SoftwareAG96/InfrastructureDC/bin/migrate
  bash-3.00$ cd ./migrate.sh
  bash: cd: ./migrate.sh: Not a directory
  bash-3.00$ ./migrate.sh
  ./migrate.sh: syntax error at line 13: `INSTALL_DIR=$' unexpected
  This issue has been resolved.

- WID-991

  The Infrastructure Data Collector version 8.2.2 to version 9.6 data migration utility fails in some
  cases.
  The Infrastructure Data Collector migration{bat|sh} which migrates data from version 8.2.2 to 9.6
  fails with a file not found exception.
  This issue has been resolved.

Release 9.6

- WID-849

  Discovery of an Integration Server asset may fail on an HTTPS configured port.
  Attempting to discovery an Integration Server asset may fail on an HTTPS configured port, even
  though the security configuration for the asset is correct. The message provided for the failed
  discovery is not helpful.
  This issue has been resolved.

- WID-941

  Excessive and spurious entries may appear in the Infrastructure Data Collector log when
  discovering and monitoring a Universal Messaging environment.
  When discovering and monitoring a Universal Messaging environment CMP can generate
  warnings on an SSL context repeatedly and create excessive trivial entries in the Infrastructure Data
  Collector log.
  As a workaround, users can set their log level debug, to minimize entries related to this issue.

- WID-972

  The Infrastructure Data Collector Windows service cannot be uninstalled and reinstalled.
  If you uninstall the Infrastructure Data Collector service in Windows, it cannot be re-installed.
  This issue has been resolved.

- OBE-4050

  A "No Matches Found" message may be erroneously displayed when searching from the Analytics
  Overview page.

On the Analytics Overview page, the table view does not reset the page selection setting after a new search is invoked. This can cause a "No Matches Found" message to be displayed if the user had previously selected a page greater than the searches resulting page size.

There is no workaround for this issue.

- OBE-6158

  Cross site scripting (XSS) issues have been identified in Optimize.

  The My webMethods Optimize for Infrastructure Asset Discovery page is vulnerable to cross site scripting (XSS).

  This issue has been resolved.

- OGI-343

  The JMX server fails when the CTP profile is started with a disabled IPv6 on a SUSE Linux Enterprise Server 11.

  When the CTP profile is started on Linux systems where IPv6 is present in the kernel or as a loadable module, but is disabled in the kernel runtime configuration, the JMX server fails.

  As a workaround, enable IPv6 in the kernel runtime configuration.

- OBE-4617

  When migrating from Optimize 8.2.1 to 9.0.1 with a DB2 database using a clustered environment, errors may occur.

  When using a DB2 database, the following errors occurs when running the CleanupOldClusterComponents.bat script following migration from Optimize 8.2.1 to 9.0.1: (OPTIMIZE) [Analytic Engine v9.0.0.0.CleanupOldClusterComponents.UnknownKey] 2013-05-20 18:01:06.502 EDT ERROR: java.sql.SQLSyntaxErrorException: [SoftwareAG][DB2 JDBC Driver][DB2]ADMINISTRATOR.NULL IS AN UNDEFINED NAME

  This issue has been resolved.

- OBE-6064

  After applying fixes, Optimize may erroneously report Integration Server problems.

  After applying the OPT_8.2_SP1_Fix11 fix, Optimize rules erroneously report violations in regard to Integration Server monitoring. The rule violations indicate that Integration Server is not functioning correctly when, in fact, there are no problems. In particular, the IntegrationServer Failure Status rule violates repeatedly despite the fact that the Integration Server is operating correctly.

  This issue has been resolved.

6.0   Documentation Changes

This section describes significant changes to the documentation in each release, such as the addition, relocation, or removal of product guides, online help, chapters, or other major content.

Release 9.7

None.

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The *Administering webMethods Optimize* guide has been revised as follows:

- **Universal Messaging KPIs** - Appendix A "Monitored KPI Definitions" the "Universal Messaging KPI Definitions" that lists and explains KPIs for monitoring Universal Messaging Servers has been updated with additional KPIs.

Information on Analytic Engine clustering with Terracotta has been updated and enhanced in the *Configuring BAM* guide.

7.0   Terminology Changes

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None.

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Old Term	New Term
KPI hierarchy	Dimension hierarchy
Fact	Measure
Dimension Definition	Dimension

8.0   Added, Removed, Deprecated, or Changed Items

This section lists features, functionality, controls, portlets, properties, or other items that have been added, removed, deprecated, or changed.

Release 9.7

Added Item	Description
Terracotta Management Console	Monitoring of the Terracotta Management Console and Terracotta Server Array.
Integration Server Delta KPI's	New Integration Server KPI's. The difference between the last 2 reading values of the target KPI.
Integration Server JDBC Functional Alias Component	New Integration Server component type.

Removed Item	Replacement
None.	

Deprecated Item	Replacement
None.	

Changed Item	Description
None.	

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Added Item	Description
Universal Messaging Monitoring of Threadpools and Interfaces	Optimize for Infrastructure can now monitor Threadpools and Interface KPIs.

Removed Item	Replacement
None.	

Deprecated Item	Replacement
None.	

Changed Item	Description
None.	

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

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None.

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None.

10.0 Added, Removed, Deprecated, or Changed Parameters

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None.

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None.

11.0 Added, Removed, Deprecated, or Changed APIs

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Added API	Description
Rest Services.	These services enable users to access Optimize data in various ways.

Removed API	Replacement
None.	

Deprecated API	Replacement
None.	

Changed API	Description

None.

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None.

12.0 Copyright Information

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

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