

webMethods Optimize for Infrastructure 9.5 SP1 Readme

November 2013

This file contains important information you must read before using Optimize for Infrastructure 9.5 SP1. You can find additional information about Optimize for Infrastructure 9.5 SP1 on the [Software AG Documentation website](#). In addition, the following suite-related information is also available at that location:

webMethods Product Suite Release Notes

webMethods System Requirements

webMethods System Cache Specifications

Using the Software AG Installer

Installing webMethods Products

Using the Software AG Update Manager (fixes)

Upgrading webMethods Products

Product Documentation

You can find the following information in the Products section of the [Empower website](#):

Security Information

Globalization Information

Contents

[1.0 Critical Information](#)

[2.0 Known Issues](#)

[3.0 Usage Notes](#)

[4.0 Fixes and Enhancements](#)

[4.1 Fixes and Service Packs Included in This Release](#)

[4.2 Resolved Issues](#)

[4.3 Enhancements](#)

[4.4 Documentation Changes](#)

[4.5 Terminology Changes](#)

[4.6 Added, Removed, Deprecated, or Changed Items](#)

[4.7 Added, Removed, Deprecated, or Changed Built-In Services](#)

[4.8 Added, Removed, Deprecated, or Changed APIs](#)

[5.0 Copyright Information](#)

[6.0 Support](#)

1.0 Critical Information

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

- webMethods Optimize for Infrastructure 9.5 SP1 is compatible for execution only with the latest 9.5 SP1 versions of other webMethods products. However, you can use webMethods Optimize for Infrastructure 9.5 SP1 to monitor earlier versions of webMethods products.
- When using Broker Basic Authentication, do not set ACL on the Analysis client group.
- It is strongly recommended that all customers using Optimize for Infrastructure 9.5 SP1 install OPT_9.5_SP1_Fix1.

2.0 Known Issues

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

- 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-818
Users are not notified when an Integration Server leaves a cluster.
When an Integration Server instance leaves a cluster, Infrastructure Data Collector is not notified of the change, and the Integration Server remains on the Assets page.
As a workaround, delete the Integration Server cluster asset from the Assets page and rediscover the IS Server. Then, re-select the component for monitoring.
- 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.SQLException: [SoftwareAG][DB2 JDBC Driver][DB2]ADMINISTRATOR.NULL IS AN UNDEFINED NAME
There is no workaround for this issue.

- 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.
- 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.
- WID-948
The Broker data collector does not automatically detect when a Broker territory or gateway is deleted. When a Broker territory or gateway is deleted, the Broker data collector should automatically detect its deletion. However, the data collector does not detect the deletion and, as a result, the Monitored Components and Analytics Overview pages still show that the Territories, Gateways, and related KPIs exist. As a workaround, you should manually remove territories and gateways from the Monitored Components page and delete the related KPIs.
- 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-569
In some situations, certain Integration Server service KPIs perform poorly, which can impact CPU utilization on a monitored Integration Server.
Monitoring IS Service Count, Cumulative Count, and Currently Running KPIs in a large number of Integration Server services on a single Integration Server can impact the performance of the server.
As a workaround when monitoring these KPIs, limit the number of monitored Integration Server services on a single Integration Server to less than 100.
- WID-712
In some cases, Infrastructure Data Collector port assignments may be incorrect when upgrading from release 7.1.x to release 9.0 SP1.
When upgrading from a 7.1.x to the 9.0 SP1 release, Infrastructure Data Collector KPIs associated with port 5555 are no longer updated since default port was changed to 6666. KPIs associated with port 5555 remain on Analytics Overview
As a workaround use the Analytics Overview page Delete KPIs feature to remove outdated KPIs.

- **RGHBAM-1319**
In some cases, KPI value collection for IS Cluster components may be stopped.
KPI values are 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.
- **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.

3.0 Usage Notes

This section highlights product limitations and changes to product behavior introduced in this release.

- 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.
- Note the following My webMethods pages have been renamed since the 7.1.x version:
 - "Administration > Analytics > Analysis Overview" was renamed to "Administration > Analytics > Overview Configuration"
- SSL registration of Analytic Engine web services is not supported.
- When using tabbed navigation in Optimize, the user interface does not remember the previously displayed portlet context. Throughout My webMethods, portlets always open in their original context regardless of their state when the user last viewed them.
- When using an Oracle database, to avoid receiving errors from the Analytic Engine when the Oracle open cursors setting is exceeded, the open cursors setting can be increased to 1000 as documented in the *Administering webMethods Optimize* guide.

4.0 Fixes and Enhancements

This section describes the fixes and enhancements included in Optimize for Infrastructure 9.5 SP1.

4.1 Fixes and Service Packs Included in This Release

This section lists the fixes and service packs for previous releases that have been included into the current release. If only some issues in a fix or service pack have been included, that partially included fix or service pack is not listed here, and those issues are listed separately in [Section 4.2 Resolved Issues](#). See the Knowledge Center section of the [Empower website](#) for more information about fixes and service packs.

- OPT_7.1_SP2_Fix15
- OPT_8.0_SP3_Fix9
- OPT_8.2_SP1_Fix11
- OPT_9.0_SP1_Fix1

4.2 Resolved Issues

This section lists issues that were resolved in this release and that are not included in the fixes and service packs listed in [Section 4.1 Fixes and Service Packs Included in This Release](#). These issues might have been resolved in a fix or service pack that was not included in its entirety into this release, or they might have been resolved since the last fix or service pack was released.

- WID-909
The Infrastructure Data Collector OSGI profile uses an inappropriate JMX port, which may lead to log errors.
The Infrastructure Data Collector OSGI profile is always installed with default JMX port as 8044. The same port is used as default in CTP profile, which is also managed by SAG Installer as CTP prerequisites. This port conflict results in Infrastructure Data Collector log errors.
This issue has been resolved.
- WID-904
ART connection components are deleted when migrating from Optimize 8.2.1 to the 9.0.1 version.
When migrating from Optimize 8.2.1 to 9.0.1, ART connection components and related KPIs are cleared, and users must reselect the components and KPIs to resume monitoring.
This issue has been resolved.
- OBE-5933
In some cases, Infrastructure Data Collector fails to collect events.
In some cases, Infrastructure Data Collector does not collect events because the Integration Server is not functioning correctly, and as a result no Object Status rules show violations.
This issue has been resolved.

4.3 Enhancements

For a detailed list of the enhancements included in Optimize for Infrastructure 9.5 SP1, see the Release Notes available on the [Software AG Documentation website](#).

4.4 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.

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

- **Universal Messaging KPIs** - Appendix A “Monitored KPI Definitions” has been updated with a new section titled “Universal Messaging KPI Definitions” that lists and explains new KPIs for monitoring Universal Messaging Servers.
- **Optimize Schema Overview** - Appendix D “Optimize Schema Overview” has been added describing the Optimize database schema and components.

The *Optimize User’s Guide* has been revised as follows:

- The title of the guide has been simplified with the removal of the *Optimizing BPM and System Resources with BAM* subtitle, so the guide is now simply titled *Optimize Users Guide*.
- **KPI Delete** - Chapter 2 “Monitoring Business Component and System Process Performance” has been updated to include information on a new feature of the Analytics Overview page that facilitates deletion of KPIs.
- **Process Analytics** - Process Analytics functionality has been revised, and the following chapters have been removed: Chapter 9 “Process Analytics Concepts,” Chapter 11 “Analyzing How a Process is Doing,” Chapter 12 “Analyzing

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

4.5 Terminology Changes

This section lists terminology that has changed since the last full release of the product.

Old Term

KPI hierarchy

Fact

Dimension Definition

New Term

Dimension hierarchy

Measure

Dimension

4.6 Added, Removed, Deprecated, or Changed Items

This section lists product functionality that has been added, removed, deprecated, or changed since the last full release of the product. Deprecated Built-In services and APIs are listed in the relevant sections that follow this one.

Added Item

Universal Messaging Discovery and Monitoring

Description

Optimize for Infrastructure can now discover and monitor webMethods Universal Messaging Servers..

Broker Throughput, Integration Server JMS Trigger, and Universal Messaging KPIs

New KPIs for monitoring Broker Throughput, Integration Server JMS Triggers, and Universal Messaging Servers have been added. These KPIs can be used with the Monitored Components page for discovered components. Refer to Appendix A “Monitored KPI Definitions” in the *Administering webMethods Optimize* guide for a list and explanation of these new KPIs.

Removed Item

The following Integration Server KPIs have been removed:

com.wm.isextdc.IntegrationServer

com.wm.isextdc.IsSocketPort

com.wm.isextdc.IsHttpPort

Replacement Item (if applicable)

No replacement.

Deprecated Item

None

Replacement Item (if applicable)

Changed Item

None

Description

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

This section lists Built-In services that have been added, removed, deprecated, or changed since the last full release of the product.

Added Service

None

Description

Removed Service**Replacement Service (if applicable)**

None

Deprecated Service**Replacement Service (if applicable)**

None

Changed Service**Description**

None

4.8 Added, Removed, Deprecated, or Changed APIs

This section lists APIs that have been added, removed, deprecated, or changed since the last full release of the product.

None.

5.0 Copyright Information

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6.0 Support

To obtain support for webMethods Product Suite components, refer to the following resources:

[Empower website](#)

Visit the Empower website to learn about support policies and critical alerts, read technical articles and papers,

download products, fixes, and service packs, submit feature/enhancement requests, and more.

[Software AG Developer Community for webMethods](#)

Visit the Software AG Developer Community to access additional articles, demos, and tutorials, technical information, samples, useful resources, online discussion forums, and more.

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