

webMethods Optimize for Infrastructure 9.8 Readme

April 2015

This file contains important information you must read before using webMethods Optimize for Infrastructure 9.8. You can find webMethods Optimize for Infrastructure 9.8 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.....	2
2.0	Known Issues.....	2
3.0	Usage Notes.....	2
4.0	Fixes Included in Each Release.....	3
5.0	Other Resolved Issues.....	4
6.0	Documentation Changes	6
7.0	Terminology Changes	6
8.0	Added, Removed, Deprecated, or Changed Items.....	7
9.0	Added, Removed, Deprecated, or Changed Built-In Services.....	9
10.0	Added, Removed, Deprecated, or Changed Parameters.....	9
11.0	Added, Removed, Deprecated, or Changed APIs	9
12.0	Copyright Information.....	11
13.0	Support.....	11

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](#).

- webMethods Optimize for Infrastructure 9.8 is compatible for execution only with the latest 9.8 versions of other webMethods products.
- When using Broker Basic Authentication, do not set ACL on the Analysis client group.
- In order for Optimize for Infrastructure 9.8 to function correctly, it is strongly recommended that all customers install OPT_9.8_Fix1.

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-1180
In some rare cases where user is using UM as JMS, the readings may not be sent to optimize from Infrastructure Data Collector. This could be identified by error messages in nirvana logs
java.io.IOException IO : Input exceeded input buffer size.
To work around this issue, the user can adjust the JMS send by adding the following parameters to the wrapper.conf file under <install dir>\profiles\InfraDC\configuration:

wrapper.java.additional.11=-DMAIL.DIMENSION.QUEUE.FLUSH.SIZE=1000

wrapper.java.additional.13=-DMAIL.EVENT.QUEUE.FLUSH.SIZE=1000

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.
- To add a Terracotta license file, use the file called terracotta-license.key. It contains the license information for all of your Terracotta components. You add this file to Analytic Engine by placing it into the Software AG_directory\common\conf directory of the machine where Analytic Engine runs.

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 9.8

- OPT_8.2_SP1_Fix14
- OPT_9.0_SP1_Fix7
- OPT_9.5_SP1_Fix5
- OPT_9.6_SP1_Fix2
- OPT_9.7_Fix2

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

Release 9.6

- OPT_8.0_SP3_Fix9
- OPT_8.2_SP1_Fix11

- OPT_9.0_SP1_Fix1
- OPT_9.5_SP1_Fix2

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 9.8

- WID-1075/WID-1116
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.
This issue has been resolved.
- OBE-6734
Central Configuration - Define Environment allows an empty environment to be created.
Central Configuration - Define Environment allows an empty environment to be created if a user presses the ENTER key before entering any value in the name field.
This issue has been resolved.
- OBE-6282
KPI Instance Detail graph is incorrectly plotting data points where a given data point is comprised of multiple events with the exact timestamp down to the millisecond.
This issue has been resolved.
- OBE-4182
Threshold rule expressions might fail if the underlying event map is renamed.
If the event map referenced by with a threshold rule expression was renamed, in some cases the threshold rule evaluation will fail.
This issue has been resolved.

Release 9.7

- OBE-6466
The Analytic Engine logs an SQL error when deploying KPI definitions where a large number of events were processed before the definition was defined.
The following error is written to the AE log when deploying KPI definitions containing a large number of events that were processed before the definition was created:
"TemporaryEventStage.UnknownKey] ERROR: java.sql.SQLException: [SoftwareAG][Oracle JDBC Driver][Oracle]ORA-01795: maximum number of expressions in a list is 1000", when there are over 1000 temporary events recorded within Optimize prior to defining the KPI definition.

This issue has been resolved.

- 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-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.

- 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.

- OBE-6031

The Analytic Engine may not start properly on UNIX.

The Analytic Engine fails to start properly on UNIX if the startupAnalyticEngineNoWrapper.sh is used.

This issue has been resolved.

Release 9.6

- OBE-5878

The My webMethods Asset Extraction page does not show some assets, when these assets share the same name.

When using the Assets Extraction page within MWS to extract Optimize assets such as KPI definitions, rules, dimensions, and so on, assets that shared the same name are not displayed for extraction.

This issue has been resolved

- OBE-4274

In some cases, Analytic Engine fails to start when running under the HP UX operating system. Due to an issue with the Java Server Wrapper, when running on the HP-UX operating system, Analytic Engine fails to start properly when using the startup.sh script. No logs are created but a core dump file is created and the following error text (truncated) appears on the console:

```
bash-4.2$ ./startup.sh
bash-4.2$ wrapper | --> Wrapper Started as Console
DLPI Error (Primitive:0x0b, Errno:0x03, UnixErr:0x00)
DLPI Error (Primitive:0x0b, Errno:0x03, UnixErr:0x00)
DLPI Error (Primitive:0x0b, Errno:0x03, UnixErr:0x00)
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 9.8

- **Universal Messaging Delta KPIs** - Appendix A “Monitored KPI Definitions” of the “*Administering Optimize*” PDF publication now contains the “Universal Messaging KPI Definitions” section that lists and explains KPIs for monitoring Universal Messaging Servers has been updated with additional KPIs.
- **Presto KPIs** - Appendix A “Monitored KPI Definitions” of the “*Administering Optimize*” PDF publication now contains the “Presto KPI Definitions” section that lists and explains KPIs for monitoring Universal Messaging Servers has been updated with additional KPIs.
- **Terracotta KPIs** - Appendix A “Monitored KPI Definitions” of the “*Administering Optimize*” PDF publication now contains the “Terracotta KPI Definitions” section that lists and explains KPIs for monitoring Universal Messaging Servers has been updated with additional KPIs.

Release 9.7

None.

7.0 Terminology Changes

Release 9.8

None.

Release 9.7

None.

Release 9.6

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 9.8

Added Item	Description
Universal Messaging Delta KPI's	New Universal Messaging Delta KPI's. The difference between the last 2 reading values of the target KPI.
Presto Monitoring	Presto Monitoring.
Terracotta Monitoring	Enhanced Terracotta monitoring to include Cache, Cache Manager, TSA, TSA Server, Terracotta Connection. Discover TMS by Group Name or discover Direct by TSA Name.
Intrinsic Stage Metrics available in the UI	The intrinsic metrics associated with Stages are now available for use in the Analytics Overview.
New KPI type - Counter	A new KPI type, called Counter, has been added. This KPI counts the number of data points received for a specific fact over a fixed aggregation period.
New Rule Violation/Resolution EDA event	Optimize now is able to emit Rule Violation/Resolution EDA events

Removed Item	Replacement
Terracotta Monitoring	Removed TMC Connection for Terracotta Server.

Deprecated Item	Replacement
Removal of BAM_AGG_... database tables	The BAM_AGG_... database tables usage is being removed from future releases. These tables are currently used for Optimize Only UI support and will no longer be used.

Changed Item	Description
None.	

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.

Release 9.6

Added Item	Description
Ability to monitor milestones	Added support for analysis of process stages and milestones. Optimize for Process now provides the following information in the form of both EDA events and REST services: stage started, stage completed, stage breached.

Removed Item	Replacement
None.	

Deprecated Item	Replacement
None.	

Changed Item	Description
None.	

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

Release 9.8

None.

Release 9.7

None.

Release 9.6

None.

10.0 Added, Removed, Deprecated, or Changed Parameters

Release 9.8

None.

Release 9.7

None.

Release 9.6

None.

11.0 Added, Removed, Deprecated, or Changed APIs

Release 9.8

None.

Release 9.7

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.	

Release 9.6

None.

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.

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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