webMethods Broker 9.6 Readme

April 2014

This file contains important information you must read before using webMethods Broker 9.6. 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](#).

▪ PIF-10972
Cannot reuse the old Broker storage if you want to upgrade webMethods Broker 8.2 or 9.0 to 9.6 on an IBM System z machine that is running SUSE Linux Enterprise Server or Red Hat Enterprise Linux.
You will need to create new storage, and then migrate Broker Server configuration information from the old storage to the new storage using the webMethods Broker export/import utilities. For instructions, see *Administering webMethods Broker* 9.6.

3.0 Usage Notes

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

▪ webMethods Broker 9.6 C APIs support the following compilers:

System	Compiler
AIX for POWER	XLC/C++ (v10)
HP-UX for IA64	aCC (HP C/aC++ A.06.25.02)
SUSE Linux Enterprise Server for x86_64/ IBM System z	GCC (4.1.2)
Red Hat Enterprise Linux Server for x86_64/ IBM System z	GCC (4.1.2)
Solaris for x86_64/SPARC	Studio (12)
Windows 32 and 64 bit	Microsoft Visual Studio 2008

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.

Release 9.6

- BR_8.2_SP3_CSharp_API_Fix1

- BR_8.2_SP3_Core_Fix6

- BR_8.2_SP3_Deployment_API_Fix1

- BR_8.2_SP3_JMS_API_Fix3

- BR_8.2_SP3_Portal_Fix3

- BR_9.0_SP1_Core_Fix2

Release 9.5

- BR_7.1.2_Core_Fix18

- BR_8.0_SP2_Core_Fix7

- BR_8.0_SP2_JMS_API_Fix9

- BR_8.2_SP2_Deployment_API_Fix2

- BR_8.2_SP3_Core_Fix4

- BR_8.2_SP3_Java_API_Fix1

- BR_8.2_SP3_JMS_API_Fix2

- BR_8.2_SP3_Portal_Fix3

- BR_9.0_SP1_Core_Fix1

- BR_9.0_SP1_Portal_Fix1

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.

Release 9.6

▪ PIF-11157 (BR_8.2_SP3_Portal_Fix4, BR_9.0_SP1_Portal_Fix2, BR_9.5_SP1_Portal_Fix1)
The filter conditions for client subscriptions are not refreshed when you navigate to the Client Details page from the Messaging > Broker Servers > Document Types page in My webMethods. This issue is resolved.

▪ PIF-11417 (BR_9.5_SP1_CommandLine_Fix1, BR_9.0_SP1_CommandLine_Fix1, BR_8.2_SP3_CommandLine_Fix2)
The server_conf_backup command-line utility fails to correctly backup a log file if the file size is more than or equal to 2 GB.
If the log file size is >= 2 GB, the size of the backup log file generated by the server_conf_backup command-line utility is only 512 bytes. This issue occurs because of the implicit conversion or promotion rules for the int and long data types inherent in the Java language.
This issue is resolved.

Release 9.5

▪ PIF-10764 (BR_9.0_SP1_CommandLine_Fix1)
The server_config command line utility on Windows does not display in Japanese even though JLP (Japanese Language Pack) is used.
This issue occurs because server_config.exe does not properly locate the localized message library. This 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 9.5

▪ *webMethods Messaging Programmer's Guide* is renamed as *webMethods Broker Messaging Programmer's Guide*.

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

Release 9.6

Added Item	Description
monitor-allowed-client-ipaddress-list configuration parameter	Added this new configuration parameter to the Broker Monitor's configuration file (awbrokermon.cfg). Use this parameter to restrict the list of clients who can access Broker Monitor and administer the corresponding Broker Servers.
auditlog-writeInterval configuration parameter	Added this new configuration parameter to the Broker Server's configuration file (awbroker.cfg). Use this parameter to configure the time interval for flushing the audit records from the cache to the audit file.
stop-queue-scan-on-pubid configuration parameter	Added this new configuration parameter to the Broker Server's configuration file (awbroker.cfg). Use this parameter to improve the messaging performance while scanning large queues. The default value of the stop-queue-scan-on-pubid configuration parameter changes the product behavior. For more information, see *Administering webMethods Broker*.

Changed Item	Description
The default sizes of the log file and the storage file created when you install a Broker Server or when you create a Broker Server using the server_config utility has changed.	New file sizes for the Broker Server storage: • Small (64MB log file, 1GB storage file) • Medium (256MB log file, 4GB storage file) • Large (512MB log file, 8GB storage file)
loglevel configuration parameter	The default value of the loglevel parameter in the basic authentication configuration file (basicauth.cfg) is changed from 0 (no logging) to 1 (minimum logging). The value of the loglevel parameter ranges from 0 (zero) for no logging to 6 (six) for maximum logging.

Changed Item	Description
Audit logging configuration	Audit logging of Broker Server configuration is now enabled by default. For information about configuring audit logging for a Broker Server, see *Administering webMethods Broker*.

8.0   Added, Removed, Deprecated, or Changed APIs

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

Release 9.6

Added API	Description
Added these APIs to the WmJMSConfig class for configuring asynchronous acknowledgements: • WmJMSConfig.getAutoAckBatchSizeRetry() • WmJMSConfig.setAutoAckBatchSizeRetry (int autoAckBatchSizeRetry) • WmJMSConfig.getAutoAckBatchSize() • WmJMSConfig.setAutoAckBatchSize (int autoAckBatchSize) • WmJMSConfig.getAutoAckService PollInterval() • WmJMSConfig.setAutoAckService PollInterval(int autoAckServicePollInterval)	Use these APIs to configure asynchronous acknowledgements when using Auto Acknowledgement in JMS API. For more information, see the descriptions of the WmJMSConfig class in the Javadoc.

Deprecated API	Replacement
void com.webmethods.jms.WmJMSConfig.setSoTimeout (int socketTimeout)	There is no replacement. The JMS standard does not mention the usage of socket connection timeout.
int com.webmethods.jms.WmJMSConfig.getSoTimeout()	There is no replacement. The JMS standard does not mention the usage of socket connection timeout.

9.0   Copyright Information

10.0   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.

BR-RM-96-20160415