

webMethods Broker 9.6 Readme

April 2015

This file contains important information you must read before using webMethods Broker 9.6. You can find webMethods Broker 9.6 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

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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](#).

None.

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](#).

- 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*.
- PIF-12203
Broker clients using Broker Java and JMS APIs experience occasional connection timeouts on Red Hat Enterprise Linux 7 IBM System z.

3.0 Usage Notes

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

- webMethods Broker 9.6 C APIs support the following compilers:

System	Compiler
AIX 6.1/7.1	XLC/C++ version 10
HP-UX 11.31 PA	aCC HP ANSI C++ A.03.85
HP-UX 11.31 IA64 HP	aC++/ANSI C A.06.07
HP-UX Itanium	aCC HP C/aC++ A.06.25.02
Linux Intel/AMD/IBM System z	gcc 4.1.2
Linux Intel/AMD	gcc 4.1.2
Red Hat Enterprise Linux	gcc 4.1.2

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 9.6

- BR_8.2_SP3_CSharp_API_Fix1
- BR_8.2_SP3_Core_Fix5
- 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

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.

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- 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 \geq 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.

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 9.6

None.

7.0 Terminology Changes

Release 9.6

None.

8.0 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.

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.

Added Item	Description
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 <i>Administering webMethods Broker</i> .

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: <ul style="list-style-type: none"> • 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.
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 <i>Administering webMethods Broker</i> .

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

Release 9.6

None.

10.0 Added, Removed, Deprecated, or Changed Parameters

Release 9.6

None.

11.0 Added, Removed, Deprecated, or Changed APIs

Release 9.6

Added API	Description
<p>Added these APIs to the <code>WmJMSConfig</code> class for configuring asynchronous acknowledgements:</p> <ul style="list-style-type: none">• <code>WmJMSConfig.getAutoAckBatchSizeRetry()</code>• <code>WmJMSConfig.setAutoAckBatchSizeRetry(int autoAckBatchSizeRetry)</code>• <code>WmJMSConfig.getAutoAckBatchSize()</code>• <code>WmJMSConfig.setAutoAckBatchSize(int autoAckBatchSize)</code>• <code>WmJMSConfig.getAutoAckServicePollInterval()</code>• <code>WmJMSConfig.setAutoAckServicePollInterval(int autoAckServicePollInterval)</code>	<p>Use these APIs to configure asynchronous acknowledgements when using Auto Acknowledgement in JMS API. For more information, see the descriptions of the <code>WmJMSConfig</code> class in the Javadoc.</p>

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

12.0 Copyright Information

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13.0 Support

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