

webMethods Broker 10.5 Readme

October 2019

This file contains important information you must read before using webMethods Broker 10.5. 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.

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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](#).

3.0 Usage Notes

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

- webMethods Broker 10.5 C APIs support the following compilers (the minimum required compiler version is mentioned inside parentheses):

System	Compiler
AIX for POWER	XLC/C++ (v10)
SUSE Linux Enterprise Server for x86_64	GCC (4.1.2)
Red Hat Enterprise Linux Server for x86_64	GCC (4.1.2)
Red Hat Enterprise Linux Server for IBM System z	GCC (4.8.5)
CentOS for x86_64	GCC (4.1.2)
Solaris for x86_64/SPARC	Studio (12)
Windows 64 bit	Microsoft Visual Studio 2017

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 10.5

- BR_9.6_Core_Fix22
- BR_9.6_Core_Fix21
- BR_9.5_SP1_Core_Fix19

Release 9.6

- BR_9.6_Portal_Fix8
- BR_9.6_PlatformManager_Fix4
- BR_9.6_Java_API_Fix13
- BR_9.6_CSharp_API_Fix3
- BR_9.6_Core_Fix20
- BR_9.6_CommandLine_Fix3
- BR_9.6_C_API_Fix3
- BR_9.5_SP1_Portal_Fix6
- BR_9.5_SP1_Java_API_Fix10
- BR_9.5_SP1_CSharp_API_Fix3
- BR_9.5_SP1_Core_Fix18
- BR_9.5_SP1_CommandLine_Fix4
- BR_9.5_SP1_C_API_Fix3
- BR_9.0_SP1_Portal_Fix5
- BR_9.0_SP1_Java_API_Fix6
- BR_9.0_SP1_CSharp_API_Fix1
- BR_9.0_SP1_Core_Fix9

- BR_9.0_SP1_CommandLine_Fix3
- BR_9.0_SP1_C_API_Fix3
- BR_8.2_SP3_Portal_Fix9
- BR_8.2_SP3_JMS_API_Fix9
- BR_8.2_SP3_Java_API_Fix5
- BR_8.2_SP3_Core_Fix16
- BR_8.2_SP3_CommandLine_Fix3
- BR_8.2_SP3_C_API_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. A release is listed in this section only if changes occurred in that release.

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.

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
forget-lost-transaction-batch-size	Added a new parameter to the Broker Server's configuration file (awbroker.cfg). Use this parameter to delete the number of heuristically completed transactions in one attempt. The default value is 100.

Added Item	Description
forget-lost-transaction-time-days	Added a new parameter to the Broker Server's configuration file (awbroker.cfg). Use this parameter to specify the age in days when transactions were heuristically completed The default value is 10 days.
forget-lost-transaction-timer-interval-seconds	Added a new parameter to the Broker Server's configuration file (awbroker.cfg). Use this parameter to specify the interval in seconds between two checks The default is 600 seconds (10 minutes).
max-diag-log-file-size	Added a new parameter to the Broker Server's configuration file (awbroker.cfg). Use this parameter to specify the maximum size of the diagnostic log file in bytes. The log file is renamed to diag.log.old once the maximum log file size is reached. Default value is 10485760 (10 MB).
max-log-file-size	Added a new parameter to the Broker Server's configuration file (awbroker.cfg) Use this parameter to specify the maximum size of the basic authentication log file in bytes. The log file is renamed with the suffix .old once the maximum log file size is reached. The old file name is basicauth.log.old unless overridden with a different file name in basicauth.cfg. Default value is 10485760 (10 MB).
max-open-transaction-per-broker	Added a new parameter to the Broker Server's configuration file (awbroker.cfg) Use this parameter to specify the number of open transactions that a Broker can have before Broker rejects creation of any new transaction for any client in Broker. Default is 1000.
max-open-transaction-per-client	Added a new parameter to the Broker Server's configuration file (awbroker.cfg) Use this parameter to specify the number of open transactions that a client can have before Broker rejects creation of any new transaction for the client. Default is 1000.

Added Item	Description
max-server-log-file-size	Added a new parameter to the Broker Server's configuration file (awbroker.cfg) Use this parameter to specify the maximum size of the server log file in bytes. Minimum value of this parameter is 1 MB. The default value is 10 MB.
memory-alert-threshold	Added a new parameter to the Broker Server's configuration file (awbroker.cfg) Use this parameter to specify the threshold value in percentage (%) of available memory, if the threshold is exceeded, all publish requests are denied. The default is 90.
memory-warn-threshold	Added a new parameter to the Broker Server's configuration file (awbroker.cfg) Use this parameter to specify the threshold value in percentage (%) of available memory, if the threshold is exceeded, a warning is logged in the server.log file. The default is 80.
pub-net-address-in-deprecated-format	Added a new parameter to the Broker Server's configuration file (awbroker.cfg) Use this parameter to specify 1 to retrieve the IP address from the pubNetAddr envelope field in the old six-byte format (deprecated format). The default is 0, where the IP address from the pubNetAddr envelope field is retrieved in the string format.
rbroker-recovery-restart-forwarding-enabled	Added a new parameter to the Broker Server's configuration file (awbroker.cfg) Use this parameter to specify 1 to enable the Broker Server to reconnect to the remote Broker in case of partial processing of received events. The default is 0 (disabled).
storage-alert-threshold	Added a new parameter to the Broker Server's configuration file (awbroker.cfg) Use this parameter to specify threshold value in percentage (%) of available storage, if the threshold is exceeded, all publish requests are denied. The default is 90.

Added Item	Description
storage-warn-threshold	Added a new parameter to the Broker Server's configuration file (awbroker.cfg) Use this parameter to specify threshold value in percentage (%) of available storage, if the threshold is exceeded, a warning is logged in the server.log file. The default is 80.

Changed Item	Description
max-send-events-size parameter	The default value of the parameter is changed to 131072 (128 KB).
connection-sndbuf-size	The default value of the parameter is either the system default value or 524288 (512 KB), whichever value is higher. For more information, see <i>Administering webMethods Broker</i>
connection-rcvbuf-size	The default value of the parameter is either the system default value or 524288 (512 KB), whichever value is higher. For more information, see <i>Administering webMethods Broker</i> .
Send/receive buffer size	The default size for the send/receive buffer on Java and JMS clients are set to 256 KB.

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
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Deprecated API	Replacement
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9.0 Copyright Information

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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.

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