Readme for IBM MQ 9.4 and its maintenance

This document contains the readme information for IBM MQ 9.4.0 Long Term Support release and its maintenance, and also for IBM MQ 9.4.x Continuous Delivery releases.

A PDF copy of this document, in English and in translation, is available for download here: https://public.dhe.ibm.com/software/integration/wmq/docs/V9.4/Readme/.

The English version of this document is the most up-to-date version.

Content

The main sections of this document describe product limitations and known problems.

In addition to this document, you can find more information on the IBM MQ website: https://www.ibm.com/products/mq.

The SupportPac web page is here: https://ibm.biz/mqsupportpacs.

For current information about known problems and available fixes, see the IBM MQ Support page: https://www.ibm.com/mysupport/s/topic/0TO5000000024cJGAQ/mq?language=en_US&productId=01t0z000006zdYXAAY.

Product documentation for all supported versions of IBM MQ is available through IBM Documentation: https://www.ibm.com/docs/ibm-mq. Specifically, the IBM MQ 9.4 product information is available in IBM Documentation: https://www.ibm.com/docs/ibm-mq/9.4.

Announcement letters

The announcement letters for IBM MQ 9.4 (US English) are available at the following locations. The announcement letters provide these types of information:

- Detailed product description, including description of new function.
- Product-positioning statement.
- Ordering details.
- Hardware and software requirements.
- Hourly pricing.

Announcement letters for IBM MQ 9.4.0

IBM MQ 9.4.3 provides administration enhancements for IBM MQ and IBM MQ Advanced, and administration and OpenTelemetry tracing enhancements for IBM MQ Appliance
https://www.ibm.com/docs/en/announcements/AD25-1015/index.html
IBM MQ 9.4.2 delivers improved resiliency using cross-region replication in MQ containers
https://www.ibm.com/docs/en/announcements/AD25-0083/index.html
IBM MQ 9.4.1; IBM MQ as a Service Reserved Instance; IBM MQ on Cloud offering name change
https://www.ibm.com/docs/en/announcements/AD24-2038/index.html
IBM MQ 9.4 for Multiplatforms and IBM MQ on Cloud
https://www.ibm.com/docs/en/announcements/AD24-0520
IBM MQ for z/OS 9.4 and IBM MQ Appliance 9.4
https://www.ibm.com/docs/en/announcements/AD24-0535

Update history

Date	Summary
17 Jun 2025	Updated for IBM MQ 9.4.3
27 Feb 2025	Updated for IBM MQ 9.4.0.10 Fix Pack

Date	Summary
27 Feb 2025	Updated for IBM MQ 9.4.2
24 Oct 2024	Updated for IBM MQ 9.4.1
05 Sep 2024	Updated for IBM MQ 9.4.0.5 Fix Pack
02 Jul 2024	Updated for IBM MQ for z/OS 9.4 and IBM MQ Appliance 9.4
18 Jun 2024	Created for IBM MQ 9.4.0 for Multiplatforms

Installation instructions

Installation instructions are available as part of the IBM MQ 9.4 product information published in IBM Documentation: https://www.ibm.com/docs/SSFKSJ_9.4.0/install/q008250_.html

Limitations and known problems for Continuous Delivery releases

LIMITATIONS AND KNOWN PROBLEMS FOR IBM MQ 9.4.3

IBM MQ Explorer does not install on Windows Server 2025
If you are using the continuous delivery (CD) release of IBM MQ on Windows Server 2025, IBM MQ Explorer fails to install due to an InstallAnywhere issue. This limitation does not apply to the long term support (LTS) release.

Windows Server 2025 is incorrectly reported
On Windows Server 2025 (CD or LTS), the following components incorrectly report the operating system as Windows Server 2022: IBM MQ Launchpad, the **dspmqver** command, and diagnostic information.

LIMITATIONS AND KNOWN PROBLEMS FOR IBM MQ 9.4.2

There are no new limitations or known problems.

LIMITATIONS AND KNOWN PROBLEMS FOR IBM MQ 9.4.1

There are no new limitations or known problems.

Limitations and known problems for Long Term Support releases

LIMITATIONS AND KNOWN PROBLEMS FOR IBM MQ 9.4.0, FIX PACK 10

On Linux, upgrading to IBM MQ 9.4.0.10 fails if the existing installation is in a top-level directory

If you installed an earlier IBM MQ 9.4 release into a top-level directory on an RPM-based Linux operating system, a direct upgrade to IBM MQ 9.4.0.10 fails.

For example, suppose you have IBM MQ 9.4.0.5 installed into the /mq94 directory and you attempt to upgrade to IBM MQ 9.4.0.10 by using the following command:

```
sudo rpm -U --prefix /mq94 MQSeriesRuntime-9.4.0-10.x86_64.rpm
MQSeriesServer-9.4.0-10.x86_64.rpm MQSeriesGSKit-9.4.0-10.x86_64.rpm
```

The upgrade fails with the following error messages:

```
ERROR: Specified installation path '/mq94' is not empty
error: %prein(MQSeriesRuntime-9.4.0-10.x86_64) scriptlet failed, exit status 1
error: MQSeriesRuntime-9.4.0-10.x86_64: install failed
error: MQSeriesRuntime-9.4.0-5.x86_64: erase skipped
```

If you experience this problem, instead of upgrading in a single step by using the -U RPM option, first uninstall the existing IBM MQ RPM filesets, then install the IBM MQ 9.4.0.10 filesets. For example:

```
sudo rpm -e MQSeriesRuntime-9.4.0-5
MQSeriesServer-9.4.0-5 MQSeriesGSKit-9.4.0-5
sudo rpm -i --prefix /mq94
```

```
MQSeriesRuntime-9.4.0-10.x86_64.rpm MQSeriesServer-9.4.0-10.x86_64.rpm
MQSeriesGSKit-9.4.0-10.x86_64.rpm
```

This problem will be addressed by APAR IT47747.

LIMITATIONS AND KNOWN PROBLEMS FOR IBM MQ 9.4.0, FIX PACK 5

On Linux, using the IBM MQ console to migrate to IBM MQ 9.4.0.5 generates many system messages

While upgrading , there should be a limited number of messages displayed in the console output.
However on Linux systems, If you upgrade to IBM MQ 9.4.0.5 using rpm -U MQ*, more than 6000 lines
of messages are displayed in the console output. So even if the upgrade completes successfully, you
might miss valid error messages or warning messages.

This issue affects only Linux installations.

This issue is addressed by APAR IT46528.

Limitations and known problems for the initial IBM MQ 9.4.0 release

libcurl is missing from dspmqver -a output

dspmqver should load GSKit if libcurl requires it. However, libCurl is not currently in the output of the
`dspmqver -a` command.

This issue will be fixed in future CD updates and LTS maintenance releases.

Support is removed for RSA key exchange in FIPS mode

The IBM Java 8 JRE removes support for RSA key exchange when operating in FIPS mode. This
removal applies to the following CipherSuites:

- TLS_RSA_WITH_AES_256_GCM_SHA384
- TLS_RSA_WITH_AES_256_CBC_SHA256
- TLS_RSA_WITH_AES_256_CBC_SHA
- TLS_RSA_WITH_AES_128_GCM_SHA256
- TLS_RSA_WITH_AES_128_CBC_SHA256
- TLS_RSA_WITH_AES_128_CBC_SHA
- TLS_RSA_WITH_3DES_EDE_CBC_SHA

To continue using FIPS mode, the following IBM MQ components should be changed to use a
CipherSuite that is still supported:

- AMQP server
- Managed File Transfer (MFT)
- IBM MQ Console
- IBM MQ Explorer
- IBM MQ REST API
- MQ Telemetry service

For details of supported CipherSuites, see TLS CipherSpecs and CipherSuites in IBM MQ classes for
JMS in the IBM MQ product documentation.

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