

TIBCO® Messaging Manager

Release Notes

Version 4.0.0 | March 2025

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About this Product

TIBCO® is proud to announce the latest release of this TIBCO® Messaging Manager software component.

This release is the latest in a long history of TIBCO products that leverage the power of Information Bus® technology to enable truly event-driven IT environments. To find out more about how TIBCO Messaging Manager software and other TIBCO products are powered by TIB® technology, please visit us at www.tibco.com.

TIBCO Messaging Manager software is part of TIBCO Messaging.

Product Overview

TIBCO Messaging Manager (MSGMX) provides an intelligent, predictive, and auto-completing command-line interface for messaging/streaming systems such as TIBCO Enterprise Message Service (EMS), Apache Kafka, and Apache Pulsar. MSGMX runs in any standard console window or terminal emulator.

New Features

The following features have been added since the last major release of TIBCO® Messaging Manager.

Release 3.1.0

Parsing URLs from the Pulsar Admin API

MSGMX correctly parses URLs returned from the Pulsar Admin API in a containerized or virtualized environment.

Updated Apache Pulsar Command Reference

The following commands have been updated or added. See the TIBCO Messaging Manager [documentation](#), Apache Pulsar Command Reference.

- delete namespace <Namespace> [force]
- delete tenant <Tenant> [force]
- list bookies
- reset backlog-quota-check
- reset namespace <Namespace>
 - backlog-quotas <Type> <BacklogQuota Option>
 - deduplication
 - persistence
- reset topic <TopicName> truncate
- set topic <Topic> <Topic Option>
 - replication-clusters <Cluster1,Cluster2>
- set namespace <Namespace>
 - backlog-quota <SizeLimit> policy <PolicyName> [type <QuotaType> limit_time <Int>]
 - deduplication-snapshot-interval <Int>

- max-subscriptions-per-topic <Int>
 - max-topics <Intd>
 - subscription-types-enabled <SubscriptionType>
- show broker <Broker Host:Port>
 - health [topic-version <V1/V2>]
 - leader-broker
 - version
- show topic <Topic>
 - backlog-size
 - message-id <DateTime>
 - replication-clusters

Changes in Functionality

The following functionality and features have been changed in this release of TIBCO® Messaging Manager.

Python 3.12 is now embedded and is no longer required to be pre-installed. The Monitoring component is added that allows you to push TIBCO public Grafana dashboards to your running Grafana instance.

Deprecated Components

As of this release, the following components are deprecated:

- TIBCO® Messaging Manager
- TIBCO® Messaging Monitor Core
- TIBCO® Messaging Monitor for Apache Pulsar
- TIBCO® Messaging Monitor for Apache Kafka
- TIBCO® Messaging Monitor for TIBCO Enterprise Message Service™
- TIBCO® Messaging Monitor for TIBCO FTL®

Review the following for a description of replacement functionality:

- Replacement TIBCO Enterprise Message Service™ functionality for management features will be provided by tibemsadmin and the REST proxy.
- Replacement functionality management of open source distributions will be provided through the distribution's CLI admin utilities and scripts.
- Replacement functionality for TIBCO FTL® will be provided through tibftlserver, and tibftladmin.
- Replacement functionality for monitor components will be provided via exporting metrics using Prometheus endpoints.

Removed Features

No features have been removed in this release of TIBCO® Messaging Manager.

Migration and Compatibility

There are no migration procedures or compatibility issues in TIBCO Messaging Manager version 4.0.0.

Closed Issues

The following issues have been fixed in TIBCO Messaging Manager.

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Key	Summary
MSGMX-1025	All predefined EMS objects are in usable form.
MSGMX-893	Multiple URLs may be accepted.
MSGMX-892 and MSGMX- 891	The timeout output is updated.
MSGMX-860	Output is formatted for JACI commands.
MSGMX-856	Transport output is updated.
MSGMX-831	Create transport output is formatted correctly.
MSGMX-812	SSL connect works as designed with invalid ssl_issuer.

Known Issues

The following issues exist in this release of TIBCO® Messaging Manager.

Key	Summary
MSGMX-1008	<p>Summary: If you try to connect to the standby server, it will appear to connect but then disconnects when a command is issued.</p> <p>Resolution: Do not connect to the standby server.</p>
MSGMX-1005	<p>Summary: The <code>unset server</code> command has no effect.</p> <p>Workaround: Use <code>set server</code>. In the (missing or bad snippet), User Guide, see "set server".</p>
MSGMX-1004	<p>Summary: There is a subset of global server properties which are not included in the <code>unset command</code> <code>unset command</code>.</p> <p>Workaround: In the (missing or bad snippet), User Guide, see the EMS Administration Tool's documentation for default or null values that correspond to the global server property of interest, and supply the value to the <code>set</code> command instead.</p>
MSGMX-989 and MSGMX-990	<p>Summary: Some MSGMX EMS commands do not work with EMS servers configured with grid or FTL stores.</p> <p>Environment: OS: All</p> <p>Description: The MSGMX EMS transport and store commands do not work with an EMS server that is using grid or FTL stores. This issue affects version 10.1.0 of TIBCO EMS.</p> <p>Resolution: This defect will be addressed in this hotfix: EMS 10.1.0-HF03.</p>
MSGMX-971	<p>Summary: Modifying transports or transport-related properties may lead to an EMS server crash if the connected server was not started with FTL transports enabled. For example, this command may cause the issue:</p>

Key	Summary
	<pre>addprop topic topic2 export_transports T1</pre> <p>Workaround:</p> <ol style="list-style-type: none"> 1. Make sure the connected EMS server is started with FTL transports enabled. In the MSGMX EMS Command Reference, see "enable and disable ftl-transports Commands". 2. Verify a transport command works.
MSGMX-959	<p>Summary: The macOS installer virtual environment setup step aborts due to a security violation when installing a dependency. This error only occurs when attempting to create the virtual environment during installation.</p> <p>Workaround: Create the virtual environment after installation by running:</p> <pre>sudo /opt/tibco/msgmx/scripts/setup.sh</pre>
MSGMX-755	<p>Summary: When you use <code>removeprop route</code> to remove a property, a message notifies you that the route has been modified.</p> <p>Example:</p> <pre>addprop route r1 topic_prefetch 7775 Route 'r1' has been modified</pre> <p>When you use <code>show route</code>, the property is still displayed, however it has been removed.</p> <p>Example:</p> <pre>show route r1 Route = r1 URL = tcp://localhost:7222 Zone Type = mhop Zone Name = default_mhop_zone Topic Prefetch = 7775 Config = Present in local configuration</pre>

Key	Summary
	<div>Status = Not connected</div> <p>Workaround: None required. The property has been removed.</p>
MSGMX-512	<p>Summary: Installation of PyYAML 5.3.1 on Ubuntu prints out an error stack as Python Setuptools tries to build PyYAML from source before installation. If it fails, installation falls back to pure-python and uses the binary for installing the dependency. The error message comes up due to the build failure.</p> <p>Workaround: None required. The error has no effect on the product or installation.</p>

TIBCO Documentation and Support Services

For information about this product, you can read the documentation, contact TIBCO Support, and join TIBCO Community.

How to Access TIBCO Documentation

Documentation for TIBCO products is available on the [Product Documentation website](#), mainly in HTML and PDF formats.

The [Product Documentation website](#) is updated frequently and is more current than any other documentation included with the product.

Product-Specific Documentation

Documentation for this product is available on the [TIBCO® Messaging Manager Product Documentation](#) page:

Updated Resources on TIBCO Community

Supplemental resources are now distributed at the [TIBCO Messaging Community Wiki](#) in the Reference Info tab. You can always find the latest versions of these resources in that location.

Those resources include quick start guides, tutorials, and usage examples.

How to Contact Support for TIBCO Products

You can contact the Support team in the following ways:

- To access the Support Knowledge Base and getting personalized content about products you are interested in, visit our [product Support website](#).
- To create a Support case, you must have a valid maintenance or support contract with a Cloud Software Group entity. You also need a username and password to log in to the [product Support website](#). If you do not have a username, you can request

one by clicking **Register** on the website.

How to Join TIBCO Community

TIBCO Community is the official channel for TIBCO customers, partners, and employee subject matter experts to share and access their collective experience. TIBCO Community offers access to Q&A forums, product wikis, and best practices. It also offers access to extensions, adapters, solution accelerators, and tools that extend and enable customers to gain full value from TIBCO products. In addition, users can submit and vote on feature requests from within the [TIBCO Ideas Portal](#). For a free registration, go to [TIBCO Community](#).

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