TIBCO FTL Message Switch® Release Notes

Software Release 5.0.0
June 2016

TIBCO®

Important Information

Contents

TIBCO Documentation and Support Services

Documentation for this and other TIBCO products is available on the TIBCO Documentation site. This site is updated more frequently than any documentation that might be included with the product. To ensure that you are accessing the latest available help topics, please visit:

https://docs.tibco.com

Product-Specific Documentation

Documentation for TIBCO products is not bundled with the software. Instead, it is available on the TIBCO Documentation site.

The following documents for this product can be found on the TIBCO Documentation site:

- *TIBCO FTL Message Switch Installation*
- *TIBCO FTL Message Switch Release Notes*

How to Contact TIBCO Support

For comments or problems with this manual or the software it addresses, contact TIBCO Support:

- For an overview of TIBCO Support, and information about getting started with TIBCO Support, visit this site:

  http://www.tibco.com/services/support

- If you already have a valid maintenance or support contract, visit this site:

  https://support.tibco.com

  Entry to this site requires a user name and password. If you do not have a user name, you can request one.

How to Join TIBCOmmunity

TIBCOmmunity is an online destination for TIBCO customers, partners, and resident experts. It is a place to share and access the collective experience of the TIBCO community. TIBCOmmunity offers forums, blogs, and access to a variety of resources. To register, go to the following web address:

https://www.tibcommunity.com

New Features

The following new features have been added to Release 5.0.0 of TIBCO FTL Message Switch software.

TIBCO FTL 5.0.0

Messaging software upgrade to TIBCO FTL 5.0.0.

TCP Performance Tuning

New documentation added: "Tuning TCP Performance on nvOS" in *TIBCO FTL Message Switch Installation*.

Changes in Functionality

There are no changes in functionality in Release 5.0.0 of TIBCO FTL Message Switch software.

Deprecated and Removed Features

The following tables list any features that have been deprecated or removed as of Release 5.0.0 of TIBCO FTL Message Switch software.

For deprecated features, if relevant, useful alternatives are listed. Any use of a deprecated feature should be discontinued because it might be removed in a future release. To avoid becoming dependent on deprecated features, ensure that you become familiar with the suggested alternative features.

Removed Features

Affected Component	Description	Deprecated Release	Removed Release
rvadapter	The rvadapter feature has migrated from TIBCO FTL software. Instead it is available in these products: • TIBCO Rendezvous® Network Switch software, Release 1.1.1 and later. • TIBCO Rendezvous® software, Release 8.4.5 and later.	2.1.0	2.1.1
Virtual Appliance (VMDK)	The VMDK distributed with the previous release is no longer available. Instead, you can create your own virtual machines by completing the instructions in *TIBCO FTL Message Switch Installation.*		2.1.0

Migration and Compatibility

The following are instructions on how to migrate from a previous release to Release 5.0.0 of TIBCO FTL Message Switch software.

TLS and Python

The operating system includes Python 2.6. To use the TLS security features in TIBCO FTL software, Release 5.0.0, you must manually upgrade to Python 2.7.9 or later.

TLS and Java

The TLS security features in TIBCO FTL software, Release 5.0.0, require Java 1.8.

Known Issues

The table lists known issues in Release 5.0.0 of TIBCO FTL Message Switch software.

Release 5.0.0

Key	Summary
FTL-5984	**Summary**: nvOS platforms only. Multicast transports do not support the loopback address for testing on a single host computer. **Workaround**: None.

Release 2.1.1

Key	Summary
FTLS-174	**Summary**: On nvOS platforms, *re*starting a secure realm server exits with an OpenSSL exception, even though the realm server started correctly the first time. This symptom could occur when using elliptic curve (EC) certificates. **Workaround**: Explicitly specify RSA certificates. On the realm server command line, specify the undocumented parameter --tls.key.type RSA. Alternatively, in a configuration file, specify com.tibco.tibrealmserver.tls.key.type=RSA.

Release 2.1.0

Key	Summary
FTLS-143	**Summary**: 404 Catalog Errors During Package Installation **Workaround**: After installing TIBCO FTL Message Switch software in a virtual machine, but before installing any other packages, manually unset TIBCO as the publisher: `pkg unset-publisher tibco.com` This step is part of the instructions in *TIBCO FTL Message Switch Installation*.

Release 2.0.0

Key	Summary
FTLS-122	**Summary**: Chrome and Safari browsers can no longer access TIBCO HTML documentation from a files system (`file://` protocol). **Workaround**: Access using a different browser, or access the HTML documentation through the web (`http://` protocol).
FTLS-63	**Summary**: nvOS supports NFS v4, but not NFS v3 and v2. **Workaround**: None.

Closed Issues

The table lists closed issues in Release 5.0.0 of TIBCO FTL Message Switch software.

Key	Summary
FTLS-73	Fixed an installation defect in which the TIBCO FTL files `license.txt` and `license.pdf` did not have read permission for non-root users.