TIBCO Silver® Fabric Enabler for TIBCO Administrator™ - Enterprise Edition

Release Notes

Software Release 2.9.0
September 2015

Two-Second Advantage®

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Preface

TIBCO Silver Fabric Enabler for TIBCO Administrator is a complementary software component that runs on TIBCO Silver Fabric Manager (the Broker).

Components created with TIBCO Silver® Fabric Enabler for TIBCO Administrator™ - Enterprise Edition can be run independently but the product provides the most utility when it is used in concert with other TIBCO products leveraging the TIBCO Silver® Fabric private cloud infrastructure to run and manage products like TIBCO ActiveMatrix BusinessWorks™, TIBCO Adapters, TIBCO BusinessEvents, and TIBCO Enterprise Message

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Connecting with TIBCO Resources

How to Join TIBCOmmunity

TIBCOmmunity is an online destination for TIBCO customers, partners, and resident experts, 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 http://www.tibcommunity.com.

How to Access All TIBCO Documentation

All product documentation is available from https://docs.tibco.com

TIBCO Silver® Fabric Enabler for TIBCO Administrator™ - Enterprise Edition documentation is here:

https://docs.tibco.com/products/tibco-silver-fabric-enabler-for-tibco-administrator-enterprise-edition

How to Contact TIBCO Support

For comments or problems with this manual or the software it addresses, please contact TIBCO Support as follows.

- 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.

Release Notes

Check the TIBCO Product Support web site at https://support.tibco.com for product information that was not available at release time. Entry to this site requires a username and password. If you do not have a username, you can request one. You must have a valid maintenance or support contract to use this site.

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New Features

The following features have been added to version 2.9.0 of TIBCO Silver® Fabric Enabler for TIBCO Administrator™ - Enterprise Edition.

JDBC Pool Parameters

The following parameters are exposed in the UI to have finer control of the JDBC pool connection:

- JDBC Connection Pool Expiration (that is, time the database connections are cached when unused in ms)
- JDBC Connection Pool Wait Timeout (Connection time request before timeout in ms)
- JDBC Connection Pool Database Ping
- JDBC Connection Pool Status logged interval
- JDBC Connection Pool Database Reconnection when disconnected

Supports Component Upgrade

Components created with previous releases of the Enabler for TIBCO Administrator versions 2.6.x and 2.8.x may be easily upgraded to use 2.9.0 features.

Backward compatible for current Distributions

The Enabler is backward compatible with previously released and supported TIBCO Administrator Distributions.

Changes in Functionality

There is no change in functionality in this release.

Deprecated and Removed Features

No features are deprecated or removed in this release.

Migration and Compatibility

The domain migration is required to run TIBCO Administrator and TIBCO Runtime Agent 5.9.1 with a domain that was created with TIBCO Administrator and TIBCO Runtime Agent (TRA) 5.8.0.

With the proper runtime variable setting the TIBCO Administrator Enabler will detect that a migration is necessary and will execute the migration.

Workaround: As migration is a process that will migrate data, we strongly recommend that you backup the domain data before the data migration is executed with restart of the TIBCO Administrator Enabler.

Steps for the migration:

1. Create or upgrade a TIBCO Administrator Enabler component that has TIBCO Administrator and TIBCO Runtime Agent distribution version 5.9.1.

2. Add the runtime variable EXECUTE_MIGRATION and set it to "true".

— If you choose to upgrade the component, restart the existing enabler that runs TIBCO Administrator and the TIBCO Runtime Agent 5.8 distribution.

— If you choose to create a new component, stop the existing enabler that runs TIBCO Administrator and the TIBCO Runtime Agent 5.8 distribution and start the new component that runs TIBCO Administrator and TIBCO Runtime Agent 5.9.1 distribution. The component must run in the same "Admin Root path for FT" The enabler will then execute the migration scripts.

Please note that this is an action that is performed only once per domain. It can not be undone.

The domain migration works when migrating from TRA or TIBCO Administrator 5.8 to 5.9.1, 5.9.1 to 5.10, and 5.8 to 5.10.

Closed Issues

The table lists closed issues in version 2.9.0 of TIBCO Silver Fabric Enabler for TIBCO Administrator.

Key	Summary
SFTA-22	After changing the Administrator password of the TIBCO Enterprise Message Service component with authorization enabled, TIBCO Administrator was unable to connect to TIBCO Enterprise Message Service on restarting the TIBCO Administrator Enabler. Note: The resolution requires Silver® Fabric Enabler for Enterprise Message Service™ 2.1.0 HF003.
SFTA-21	When using TIBCO Runtime Agent Distribution for TIBCO Silver Fabric 5.9.x, some of the hawk microagents did not start.
SFTA-19	It was not possible to change the `CiphersClass` value in the HTTPS connector node of TIBCO Administrator before TIBCO Administrator starts. To change the CiphersClass HTTPS connector, follow these steps: 1. In the TIBCO Administrator Component, add a runtime context variable named, HTTPS_CIPHER_CLASS, using the Administrator Component Wizard. 2. Set `HTTPS_CIPHER_CLASS` to one of the following accepted values: — `NoExportableCiphers` — `AtLeast128Bit` (default value when not set) – `MoreThan128Bit` – `AtLeast256Bit` 3. If the value is set to `AtLeast256Bit`, you must upload the `Java Cryptography Extension (JCE) Unlimited Strength Jurisdiction` policy, which may be obtained from the Oracle Java website. a. Create a zip file containing `local_policy.jar` and `US_export_policy.jar`. b. Upload the ZIP file on the TIBCO Administrator Component using the page, **Add/override/customize Container and Component-specific content files**. c. Set the relative path to "`javapolicy`".

Key	Summary
SFTA-18	It was not possible to disable the Hawk Console UI in the TIBCO Administrator. - If the runtime variable ENABLE_ADMIN_HAWK_CONSOLE is created and set to false, the Hawk Console UI in TIBCO Administrator is disabled.

Known Issues

There are no known issues to report in this release.