



TIBCO® Enterprise Administrator

Release Notes

Version 2.4.3 | July 2025

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New Features

No new features have been added in this release of TIBCO® Enterprise Administrator.

Changes in Platform Support

No platform support changes have been made in this release of TIBCO® Enterprise Administrator.

For a complete list of supported platforms, see the Readme file.

Changes in Functionality

No functionality changes have been made in this release of TIBCO® Enterprise Administrator.

Deprecated Features

No features have been deprecated in this release of TIBCO® Enterprise Administrator.

Removed Features

The following features have been removed in this release of TIBCO® Enterprise Administrator.

- HP-UX 11i v3 (B.11.31)
- Oracle Solaris 11

Migration and Compatibility

For details about upgrading TIBCO Enterprise Administrator, see the "Upgrade" section in *TIBCO® Enterprise Administrator Installation*.

i Note: Comment the following property in the tea.tra file if the TEA server is installed with Java 8 or 11: `java.property.jsse.providerClass=sun.security.ssl.SunJSSE`.

Agents built with the higher version of the library cannot be registered with a lower version of the server. For example, an agent built with the version 1.3.0 of the library cannot be registered with the version 1.2.0 of the TIBCO Enterprise Administrator server.

For information about backward compatibility of TIBCO Enterprise Administrator, see the "Backward Compatibility" section in *TIBCO® Enterprise Administrator Installation*.

Migrating TIBCO Enterprise Administrator Database from Earlier Version to Version 2.4.3

TIBCO Enterprise Administrator 2.4.3 requires a database migration if you are upgrading from an earlier version. This is due to H2 database version upgrades in recent TEA releases: from 1.3.176 to 2.2.224 in TEA 2.4.1, and from 2.1.210 to 2.2.224 in TEA 2.4.2. The migration steps will vary depending on your current TEA server version.

Migrating TIBCO Enterprise Administrator Database from Version 2.4.0 to Version 2.4.3

Procedure

1. Stop TEA server and all agents which were registered on 2.4.0 TEA.
2. Take backup of <TEA_CONFIG_HOME>/ directory.

3. Export 2.4.0 h2 files with 1.3.176 h2 jar.

```
cd <TIBCO_HOME>/tea/2.4
```

```
java -cp lib/h2-1.3.176.jar org.h2.tools.Script -url jdbc:h2:<TEA_CONFIG_HOME>/data/TEA  
-script tea.zip -options compression zip
```

```
java -cp lib/h2-1.3.176.jar org.h2.tools.Script -url jdbc:h2:<TEA_CONFIG_  
HOME>/data/TEA-REALM -script tea-realms.zip -options compression zip
```

Run ls command and verify these two files are created correctly: tea-realms.zip and tea.zip.

4. Install 2.4.3 on top of 2.4.0 in same TIBCO HOME of 2.4.0.

5. Import with latest h2 jars.

```
cd <TIBCO_HOME>/tea/2.4
```

```
cp tea.zip ../2.4.3
```

```
cp tea-realms.zip ../2.4.3
```

Create a new folder in TEA config home location

Update tea.tra file of 2.4.3 with this new home - tibco.env.TEA_CONFIG_HOME=<TEA_CONFIG_HOME>/migratedDB.

```
cd <TIBCO_HOME>/tea/2.4.3
```

```
java -cp lib/h2-2.2.224.jar org.h2.tools.RunScript -script tea.zip -url "jdbc:h2:<TEA_  
CONFIG_HOME>/data/TEA;NON_KEYWORDS=KEY,VALUE" -options compression zip  
variable_binary
```

```
java -cp lib/h2-2.2.224.jar org.h2.tools.RunScript -script tea-realms.zip -url "jdbc:h2:<TEA_
```

```
CONFIG_HOME>/data/TEA-REALM;NON_KEYWORDS=KEY,VALUE" -options
compression zip variable_binary
```

Start 2.4.3 server and start agents also in 2.4.3 TEA folder.

Verify that all the data created with 2.4.0 is intact and agents are registered and running successfully.

Migrating TIBCO Enterprise Administrator Database from Version 2.4.1 to Version 2.4.3

Procedure

1. Stop 2.4.1 TEA server and all agents which were registered on 2.4.1 TEA.
2. Export 2.4.1 h2 files with 2.1.210 h2 jar:

```
cd <TIBCO_HOME>/tea/2.4.1
```

```
java -cp lib/h2-2.1.210.jar org.h2.tools.Script -url jdbc:h2:<TEA_CONFIG_HOME>/data/TEA
-script tea.zip -options compression zip
```

```
java -cp lib/h2-2.1.210.jar org.h2.tools.Script -url jdbc:h2:<TEA_CONFIG_
HOME>/data/TEA-REALM -script tea-realms.zip -options compression zip
```

Run ls command and verify these two files are created correctly: tea-realms.zip and tea.zip.

3. Install 2.4.3 on top of 2.4.1 in same TIBCO HOME of 2.4.1. For more information, see [Installation](#).
4. Import with latest h2 jars:

```
cd <TIBCO_HOME>/tea/2.4
```

```
cp tea.zip ../2.4.3
```

```
cp tea-realms.zip ../2.4.3
```

Create a new folder in TEA config home location.

Update tea.tra file of 2.4.1 with this new home - tibco.env.TEA_CONFIG_HOME=<TEA_CONFIG_HOME>/migratedDB

```
cd <TIBCO_HOME>/tea/2.4.3
```

```
java -cp lib/h2-2.2.224.jar org.h2.tools.RunScript -script tea.zip -url "jdbc:h2:<TEA_CONFIG_HOME>/data/TEA;NON_KEYWORDS=KEY,VALUE" -options compression zip variable_binary
```

```
java -cp lib/h2-2.2.224.jar org.h2.tools.RunScript -script tea-realms.zip -url "jdbc:h2:<TEA_CONFIG_HOME>/data/TEA-REALM;NON_KEYWORDS=KEY,VALUE" -options compression zip variable_binary
```

Start 2.4.3 server and start agents also in 2.4.3 TEA folder.

Verify that all the data created with 2.4.1 is intact and agents are registered and running successfully.

Migrating TIBCO Enterprise Administrator Database from Version 2.4.2 to Version 2.4.3

If you are already on TIBCO Enterprise Administrator 2.4.2, you must have already performed migration steps when upgrading to 2.4.2 or you must have a fresh 2.4.2 installation. Therefore, no additional database migration is required.

Migrating TIBCO Security Server Database from Earlier Version to Version 2.4.3

TIBCO Enterprise Administrator 2.4.3 requires a database migration if you are upgrading from an earlier version. This is due to H2 database version upgrades in recent TEA releases: from 1.3.176 to 2.2.224 in TEA 2.4.1, and from 2.1.210 to 2.2.224 in TEA 2.4.2. The migration steps will vary depending on your current TEA server version.

Migrating TIBCO Security Server Database from Version 2.4.0 to Version 2.4.3

Procedure

1. Go to TSS lib folder where h2-1.4.195 jar resides.

```
cd <TIBCO_HOME>/tea/agents/tss/1.2/lib
```

2. Migrate data from the existing database by extracting and converting the details into an SQL script. Save this script to a ZIP file named taagentDB.zip.

```
java -cp h2-1.4.195.jar org.h2.tools.Script -url jdbc:h2:<TIBCO_CONFIG_HOME>/tibco/cfgmgmt/tss/data/teaAgentDb -user "sa" -password "sa" -script taagentDB.zip -options compression zip
```

3. Copy the existing database content and convert the details into an SQL script. Save this script to the file tssDB.zip.

```
java -cp h2-1.4.195.jar org.h2.tools.Script -url jdbc:h2:<TIBCO_CONFIG_HOME>/tea/agents/tss/1.2/bin/tibco/cfgmgmt/data/tssDb -user "sa" -password "sa" -script tssDB.zip -options compression zip
```

4. Manually take backup of the '<TSS_CONFIG_HOME>/data' folder and then delete the '<TSS_CONFIG_HOME>/data/teaAgentDb.mv.db' file. Now copy taagentDB.zip to the location where your h2-2.2.224.jar resides.

This creates taagentDB.zip and tssDB.zip file in the current directory.

5. Manually take backup of '<TEA_TIBCO_CONFIG_HOME>/tea/agents/tss/1.2.4/bin/tibco/cfgmgmt/data' folder and then delete the '~/TEA241HF3/tea/agents/tss/1.2.4/bin/tibco/cfgmgmt/data/tssDb.mv.db' file. Now copy tssDB.zip to the location where your h2-2.2.224.jar resides.

6. Go to local lib folder where h2-2.2.224.jar resides.

```
cd <TIBCO_HOME>/tea/agents/tss/1.2.4/lib
```

7. Generate the new DB from taagentDB.zip file to location '<TSS_CONFIG_HOME>/data' folder.

```
java -cp h2-2.2.224.jar org.h2.tools.RunScript -script taagentDB.zip -url "jdbc:h2:<TIBCO_
HOME>/tibco/cfgmgmt/tss/data/teaAgentDb;NON_KEYWORDS=KEY,VALUE" -options
compression zip variable_binary
```

8. Generate the new DB from tssDB.zip file to location '<TEA_TIBCO_
HOME>/tea/agents/tss/1.2.4/bin/tibco/cfgmgmt/data'.

```
java -cp h2-2.2.224.jar org.h2.tools.RunScript -script tssDB.zip -url "jdbc:h2:<TEA_TIBCO_
HOME>/tea/agents/tss/1.2.4/bin/tibco/cfgmgmt/data/tssDb;NON_
KEYWORDS=KEY,VALUE" -options compression zip variable_binary
```

Migrating TIBCO Security Server Database from Version 2.4.1 to Version 2.4.3

Procedure

1. Go to TSS lib folder where h2-2.1.210 jar resides.

```
cd <TEA_TIBCO_HOME>/tea/agents/tss/1.2.1/lib
```

2. Migrate data from the existing database by extracting and converting the details into an SQL script. Save this script to a ZIP file named taagentDB.zip.

```
java -cp h2-2.1.210.jar org.h2.tools.Script -url jdbc:h2:<TEA_TIBCO_
HOME>/tibco/cfgmgmt/tss/data/teaAgentDb -user "sa" -password "sa" -script taagentDB.zip
-options compression zip
```

3. Copy the existing database content and convert the details into an SQL script. Save this script to the file tssDB.zip.

```
java -cp h2-2.1.210.jar org.h2.tools.Script -url jdbc:h2:<TEA_TIBCO_
HOME>/tea/agents/tss/1.2.1/bin/tibco/cfgmgmt/data/tssDb -user "sa" -password "sa" -script
tssDB.zip -options compression zip
```

4. Manually take backup of '<TSS_CONFIG_HOME>/data' folder and then delete the '<TSS_CONFIG_HOME>/data/teaAgentDb.mv.db' file. Now copy taagentDB.zip to the location where your h2-2.2.224.jar resides.
5. Manually take backup of '<TEA_TIBCO_

HOME>/tea/agents/tss/1.2.4/bin/tibco/cfgmgmt/data' folder and then delete the '~/TEA241HF3/tea/agents/tss/1.2.4/bin/tibco/cfgmgmt/data/tssDb.mv.db' file. Now copy tssDB.zip to the location where your h2-2.2.224.jar resides.

6. Go to local lib folder where h2-2.2.224.jar resides.

```
cd <TIBCO_HOME>/tea/agents/tss/1.2.4/lib
```

7. Generate the new DB from taagentDB.zip file to location '<TSS_CONFIG_HOME>/data' folder.

```
java -cp h2-2.2.224.jar org.h2.tools.RunScript -script taagentDB.zip -url "jdbc:h2:<TIBCO_HOME>/tibco/cfgmgmt/tss/data/teaAgentDb;NON_KEYWORDS=KEY,VALUE" -options compression zip variable_binary
```

8. Generate the new DB from tssDB.zip file to location '<TEA_TIBCO_HOME>/tea/agents/tss/1.2.4/bin/tibco/cfgmgmt/data'.

```
java -cp h2-2.2.224.jar org.h2.tools.RunScript -script tssDB.zip -url "jdbc:h2:<TEA_TIBCO_HOME>/tea/agents/tss/1.2.4/bin/tibco/cfgmgmt/data/tssDb;NON_KEYWORDS=KEY,VALUE" -options compression zip variable_binary
```

Migrating TIBCO Security Server Database from Version 2.4.2 to Version 2.4.3

If you are already on TIBCO Enterprise Administrator 2.4.2, you must have already performed migration steps when upgrading to 2.4.2 or you must have a fresh 2.4.2 installation. Therefore, no additional database migration is required.

Closed Issues

No issues have been fixed in this release of TIBCO® Enterprise Administrator.

Known Issues

The following issues exist in this release of TIBCO® Enterprise Administrator.

[Agent Library](#)

[Server](#)

[Samples](#)

Agent Library

Key	Information
TEA-3478	<p>Summary: The TEA jQuery upgrade is causing a blocker in the AngularJS \$digest cycle in the Adapter Agent code.</p> <p>Workaround: To force the \$digest cycle to refresh the UI, add the following code snippet at the beginning of index.js controller:</p> <pre>setInterval(function() { \$rootScope.\$digest(); }, 500);</pre>
TEA-3471	<p>Summary: You cannot use Register servers using TIBCO Hawk option in the TEA agent for TIBCO Enterprise Message Service.</p> <p>Workaround: None</p>
TEA-1595	<p>Summary: If a TeaObject has the same name as nested objects (irrespective of their type), this results in ambiguity while navigating through their directory structure in the shell UI.</p> <p>Workaround: Give unique names to all nested objects.</p>
TEA-1109	<p>Summary: If an agent is registered with the name false, the agent page does not show the name and status of the agent.</p> <p>Workaround: None</p>

Server

Key	Information
WRAP-143	<p>Summary: On Mac OS X, TIBCO Enterprise Administrator searches for Java 1.6. If Java 1.6 is not installed on Mac OS X, TIBCO Enterprise Administrator does not launch and displays the error message -No Java runtime present, requesting install.</p> <p>Workaround: None</p>
TEA-3504	<p>Summary: TIBCO Enterprise Administrator 2.4.0 fails to start on IBM AIX 7.2 platform.</p> <p>Workaround:</p> <ol style="list-style-type: none"> 1. On IBM AIX platform, open the tea.tra file. 2. Remove --add-opens java.base/java.lang=ALL-UNNAMED from java.extended.properties.
TEA-3446	<p>Summary: After a session times out and you are redirected to the login page, the "TIBCO Enterprise Administrator" heading is displayed twice.</p> <p>Workaround: None</p>
TEA-3361	<p>Summary: Identity Provider services cannot be registered with Java 11 or Java 8.</p> <p>Workaround: None</p>
TEA-3338	<p>Summary: Operating System and TIBCO process details sections are empty on the Machine details page.</p> <p>Workaround: None</p>
TEA-3181	<p>Summary: The underscore character (_) is not one of the valid special characters that you can use while specifying TIBCO Enterprise Administrator server URL in the host name.</p> <p>Workaround: Remove the underscore characters from the hostname.</p>
TEA-2950	<p>Summary: When an LDAP user belonging to an LDAP group logged</p>

Key	Information
	<p>in to TIBCO Enterprise Administrator, an incorrect error was logged in the tea.log file.</p> <p>Workaround: None</p>
TEA-2921	<p>Summary: If you upload a profile by using a nondefault method, non-ASCII EAR files are not deployed.</p> <p>Workaround: None</p>
TEA-2751	<p>Summary: If you attempt to import a large number of users from an Active Directory to the TIBCO Enterprise Administrator database by using the TIBCO Enterprise Administrator web user interface, the UI stops responding.</p> <p>Workaround: None</p>
TEA-2112	<p>Summary: TIBCO Enterprise Administrator server does not check the changes made to the child object type in the agents with the same version number that coexists on the TIBCO Enterprise Administrator server.</p> <p>Workaround: None</p>
TEA-2032	<p>Summary: For the Windows machines discovered using Hawk, the OS Process Name appears as <ACCESS_DENIED> instead of the actual process name.</p> <p>Workaround: None</p>
TEA-2024	<p>Summary: When the TIBCO Enterprise Administrator server loses network connectivity with the Hawk discovered machines, the Hawk discovered machines are at times not re-listed in the Machines View after the connection is restored.</p> <p>Workaround: None</p>
TEA-1981	<p>Summary: When you have two versions of an agent both registered with the TIBCO Enterprise Administrator server, if the TypeName of the TeaObjectProvider changes in the newer version, you cannot</p>

Key	Information
	<p>navigate to the child instances of the old agent in the web user interface.</p> <p>Workaround: None</p>
TEA-1914	<p>Summary: When two or more instances of the same agent are registered with the server, you cannot distinguish among objects that have the same name.</p> <p>Workaround: Click an object to view it. The browser URL indicates the name of object's agent.</p> <p>Note: In the shell UI, all objects with the same name appear as a single object. No workaround exists.</p>
TEA-1910	<p>Summary: Registering an agent in a shell UI session can invalidate the operation context for existing agents with the same name. Even in separate shell sessions, operations on objects of the invalidated existing agents can fail.</p> <p>Workaround: Use the command <code>cd ..</code> to reset the context, and then <code>cd</code> again to return to the product level and invoke the operation.</p>
TEA-1851	<p>Summary: You cannot register two agents (with different agent type names) that have the same top-level object type name. However, the server does not validate object type names to prevent such collisions.</p> <p>Workaround: Recode agent top-level object type names to avoid collisions.</p>
TEA-1800	<p>Summary: The <code>source</code> command of the shell UI does not report the output of successful operations to the console.</p> <p>For example, <code>source my_repo_dir/my_script.txt</code> reports error output, but not successful output.</p> <p>Workaround: Execute scripts using script mode instead, for example:</p> <pre>ssh -p 2222 admin@localhost scriptmode < my_script.txt</pre>

Key	Information
TEA-1736	<p>Summary: Users cannot rely on filter and search for agent names to find <i>all</i> of the matching agents.</p> <p>Workaround: None</p>
TEA-1596	<p>Summary: In the shell UI, grouped commands do not maintain the specified order of execution. Only the last command in the group executes.</p> <p>Workaround: None</p>
TEA-1480	<p>Summary: On starting the TIBCO Enterprise Administrator server, the following warning messages are displayed in the logs:</p> <p>WARN TeaOpCommand [] command 'removePrivileges', parameter 'permissions': type is 'object', not supported as a command-line option</p> <p>WARN TeaOpCommand [] command 'sessionDestroyed', parameter 'sessionId': type is 'object', not supported as a command-line option</p> <p>Workaround: Ignore the messages.</p>
TEA-1460	<p>Summary: After deleting the configuration data, an attempt to log in to TIBCO Enterprise Administrator results in an authentication error.</p> <p>Workaround: None</p>
TAEM-160	<p>Summary: When one of the EMS fault tolerance instances is down, there is a lag in displaying data on the TIBCO Enterprise Administrator UI.</p> <p>Workaround: None</p>
TAEM-146	<p>Summary: Fault Tolerance and SSL configurations are not supported from Shell and Python scripts for TIBCO Enterprise Message Service .</p> <p>Workaround: None</p>

Samples

Key	Information
TEA-1577	<p>Summary: An error occurs while deleting a Tomcat server instance and while unregistering an EMS server.</p> <p>Workaround: Ignore the error.</p>
TEA-1166	<p>Summary: On SUSE Linux platforms, TIBCO Enterprise Administrator cannot start the sample Tomcat instances.</p> <p>Workaround: None</p>
TEA-1165	<p>Summary: When using Tomcat samples, TIBCO Enterprise Administrator cannot stop the Tomcat server when two or more instances of Tomcat are created.</p> <p>Workaround: None</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

The documentation for this product is available on the [TIBCO® Enterprise Administrator Product Documentation](#) page.

To directly access documentation for this product, double-click the following file:

TIBCO_HOME/release_notes/TIB_tea_2.4.3_docinfo.html where *TIBCO_HOME* is the top-level directory in which TIBCO products are installed. On Windows, the default *TIBCO_HOME* is C:\tibco. On UNIX systems, the default *TIBCO_HOME* is /opt/tibco.

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.

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