

# **TIBCO® Enterprise Administrator SDK Release Notes**

*Software Release 2.2.0  
March 2015*

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# TIBCO Documentation and Support Services

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All TIBCO documentation is available on the TIBCO Documentation site, which can be found here:

<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. To directly access documentation for this product, double-click one of the following file depending upon the variant of TIBCO Enterprise Administrator you are using:

`TIBCO_HOME\release_notes\TIB_tea-sdk_<version>_docinfo.html`.

The following documents can be found in the TIBCO Documentation Library for TIBCO® Enterprise Administrator:

- *TIBCO® Enterprise Administrator Release Notes*
- *TIBCO® Enterprise Administrator Installation*
- *TIBCO® Enterprise Administrator User's Guide*
- *TIBCO® Enterprise Administrator Developer's Guide*
- *TIBCO® Enterprise Administrator Agent for TIBCO Enterprise Message Service™ Guide*
- *TIBCO® Enterprise Administrator Agent for TIBCO® Security Server Guide*

## How to Contact TIBCO Support

For comments or problems with this manual or the software it addresses, 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.

## How to Join TIBCOCommunity

TIBCOCommunity 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. TIBCOCommunity offers forums, blogs, and access to a variety of resources. To register, go to:

<https://www.tibcommunity.com>

# New Features in TEA 2.2.0

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Here are the new features available in this release of the software.

## Agent

### Support for IPv6 Addresses

TIBCO® Enterprise Administrator now supports IPv6 addresses in machine names and URLs.

### TEA Agent for TIBCO Enterprise Message Service™

Support for the following has been added in the TEA Agent for TIBCO Enterprise Message Service:

- The TEA agent for TIBCO Enterprise Message Service now supports registering SSL-enabled TIBCO Enterprise Message Service servers.
- You can register a pair of fault tolerant TIBCO Enterprise Message Service servers to the TEA agent for TIBCO Enterprise Message Service.
- You can group the TIBCO Enterprise Message Service servers into logical groups. You can assign a server to an existing logical group or create a new logical group and assign the server to the newly created group.

## Server

### Registering URL Agents

You can register an external URL with the TEA server. It will display as a URL agent in TEA. URL agents make it possible to bookmark an external URL with TEA. This gives you the convenience of having a collection of TEA agents and external URL(s) all in one place - in the TEA web user interface.

### Side Navigation Bar

TIBCO Enterprise Administrator Web UI has a newly added side navigation bar that appears to the left of the page. The most commonly used menu options are available on the navigation bar. If you do not want to use the main menu, you can manage agents, users, machines, Hawk, and views using the options available on the navigation bar.

### NT Service

You can now register the server as an NT service. The installer prompts you for this during installation.

### Support for Java 8

TEA supports Java 8.

### Support for IPv6 Addresses

TEA now supports the use of IPv6 addresses.

## Closed Issues

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The following are the closed issues in this release.

### *Release 2.2.0*

Key	Information
TEA-2264	When accessing an agent in TIBCO Enterprise Administrator, after you have drilled down using the links, you could not use the browser's back arrow to get to a previous page. This has been fixed.
TEA-2028	For the Windows machines discovered using Hawk, Network and System details are now available.
TEA-1850	When two distinct agents each contributed a role with the same name, the server accepted the role from the first agent to register and ignored the role with the conflicting name when registering the second agent. When the second agent unregistered, the server erroneously deleted the role contributed by the first agent. This has been fixed.
TEA-1770	In some situations, when a user unregistered an agent the server did not correctly remove permissions and roles that the agent contributed. This symptom was observed when the server restarted, and could not contact the agent.
TEA-1599	In the Solutions view, the server could remove all the entries of the assets if even one agent became unreachable. This symptom would occur when two registered agents had the same type but different agent IDs. This issue has been fixed in this release.
TEA-1464	An issue where errors in the <code>customization.json</code> file would prevent registering agents has been fixed in this release.

## Known Issues

The following are the known issues in this release of the software.

### TIBCO Enterprise Administrator

#### *Agent Library*

Key	Information
TEA-1595	<p><b>Summary:</b> If a TeaObject has the same name as nested objects (irrespective of their type) it results in ambiguity while navigating through their directory structure in the shell UI.</p> <p><b>Workaround:</b> Avoid nesting objects with the same name.</p>
TEA-1109	<p><b>Summary:</b> If an agent is registered with the name <code>false</code>, the agent page does not show the name and status of the agent.</p>

#### *Server*

Key	Information
TAEM-146	Fault Tolerance and SSL configurations are not supported from Shell and Python scripts for TIBCO Enterprise Message Service™.
TEA-2751	If you attempt to import a large number of users from an Active Directory into the TEA database using the TEA web user interface, the web user interface will freeze.
TEA-2716	You must have the TEA_ADMIN role to run the Python scripts.
TEA-2112	<b>Summary:</b> TIBCO Enterprise Administrator server does not check the changes made to the child object type in the agents with the same version number that coexist on the TIBCO Enterprise Administrator server.
TEA-2032	<b>Summary:</b> For the Windows machines discovered using Hawk, the OS Process Name appears as <ACCESS_DENIED> instead of the actual process name.
TEA-2024	<b>Summary:</b> When the TIBCO Enterprise Administrator server loses network connectivity with the Hawk discovered machines, the Hawk discovered machines may not be re-listed in the Machines View when the connectivity is regained.
TEA-1981	<b>Summary:</b> 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 navigate to the child instances of the old agent in the web user interface.
TEA-1914	<p><b>Summary:</b> 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><b>Workaround:</b> Click an object to view it. The browser URL indicates the name of object's agent.</p> <p><b>Note:</b> In the shell UI, all objects with the same name appear as a single object. No workaround exists.</p>

Key	Information
TEA-1910	<p><b>Summary:</b> 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><b>Workaround:</b> Use the command <code>cd ..</code> to reset the context, then <code>cd</code> again to return to the product level, and invoke the operation again.</p>
TEA-1851	<p><b>Summary:</b> It is illegal to 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><b>Workaround:</b> Recode agent top-level object type names to avoid collisions.</p>
TEA-1800	<p><b>Summary:</b> The source 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><b>Workaround:</b> Execute scripts using script mode instead, for example:</p> <pre>ssh -p 2222 admin@localhost scriptmode &lt; my_script.txt</pre>
TEA-1736	<p><b>Summary:</b> Users cannot rely on filter and search for agent names to find <i>all</i> of the matching agents.</p>
TEA-1596	<p><b>Summary:</b> In the shell UI, grouped commands do not maintain the specified order of execution. Only the last command in the group executes.</p>
TEA-1480	<p><b>Summary:</b> On starting the TIBCO Enterprise Administrator server, the following warning messages are displayed in the logs:</p> <pre>WARN TeaOpCommand [ ] command 'removePrivileges', parameter 'permissions': type is 'object', not supported as a command-line option  WARN TeaOpCommand [ ] command 'sessionDestroyed', parameter 'sessionId': type is 'object', not supported as a command-line option</pre> <p><b>Workaround:</b> Ignore the messages.</p>
TEA-1125	<p><b>Summary:</b> On IBM AIX systems, SSH clients cannot connect to the TIBCO Enterprise Administrator SSH server.</p>
WRAP-143	<p><b>Summary:</b> On Mac OS X, TIBCO Enterprise Administrator searches for Java 1.6. If Java 1.6 is not installed on Mac OS X, the TIBCO Enterprise Administrator does not launch and displays the error message <code>-No Java runtime present, requesting install.</code></p>



## Samples

Key	Information
TEA-1577	<p><b>Summary:</b> An error occurs while deleting a Tomcat server instance and while unregistering an EMS server.</p> <p><b>Workaround:</b> Ignore the error.</p>
TEA-1166	<p><b>Summary:</b> On SUSE Linux platforms, TIBCO Enterprise Administrator is unable to start the sample Tomcat instances.</p>
TEA-1165	<p><b>Summary:</b> When using Tomcat samples, TIBCO Enterprise Administrator is unable to stop the Tomcat server when two or more instances of Tomcat are created.</p>