



TIBCO® Trading Partner Management REST API Installation

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TIBCO Documentation and Support Services

How to Access TIBCO Documentation

Documentation for TIBCO products is available on the TIBCO Product Documentation website, mainly in HTML and PDF formats.

The TIBCO Product Documentation website is updated frequently and is more current than any other documentation included with the product. To access the latest documentation, visit <https://docs.tibco.com>.

Product-Specific Documentation

Documentation for TIBCO Trading Partner Management REST API is available on the [TIBCO Trading Partner Management REST API](#) page.

The following documents for this product can be found in the TIBCO Documentation Library:

- *TIBCO Trading Partner Management REST API User's Guide*
- *TIBCO Trading Partner Management REST API Installation*
- *TIBCO Trading Partner Management REST API Release Notes*

How to Contact TIBCO Support

You can contact TIBCO Support in the following ways:

- For an overview of TIBCO Support, visit <http://www.tibco.com/services/support>.
- For accessing the Support Knowledge Base and getting personalized content about products you are interested in, visit the TIBCO Support portal at <https://support.tibco.com>.
- For creating a Support case, you must have a valid maintenance or support contract with TIBCO. You also need a user name and password to log in to <https://support.tibco.com>. If you do not have a user name, you can request one by clicking Register on the website.

How to Join TIBCO Community

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Installer Overview

TIBCO Universal Installer is used to install and uninstall this product.

Installation Modes

You can run TIBCO Universal Installer in the GUI, console, or silent mode. Each mode is supported on all platforms.

GUI Mode

In the GUI mode, the installer presents panels that allow you to select a product, product location, and so on. To invoke the installer in the GUI mode, double-click the executable file.

Console Mode

Console mode allows you to run the installer on a command line. This is useful if your machine does not have a GUI environment.

Silent Mode

In the silent mode, the installer installs the product without prompting you for information. The installer uses either default or custom settings that are saved in a response file.

Installation Environment

An installation environment isolates product installations. A product installed into an installation environment does not access components in other installation environments.

An installation environment is the top level installation directory for TIBCO products. An installation environment consists of the following properties:

- **Directory**

Identifies the directory into which the product is installed.

- **Name**

Identifies the name of the folder where the product is installed.

The installation environment of TIBCO Trading Partner Management REST API is referenced as *TIBCO_HOME*. On Microsoft Windows, the default value of *TIBCO_HOME* is `C:\tibco\tpm-rest`.

Installation Requirements

Before you run the installer, ensure that you meet all the hardware and software requirements and you have appropriate privileges to run the installer.

Installation Account

To install on Microsoft Windows and Linux, ensure that you have the appropriate privileges, because privileges differ for various platforms.

Platform	Account Privileges
Microsoft Windows	<p>Only users with administrator privileges can install this product. If you do not have administrator privileges, the installer automatically exits.</p> <p>To install the product on a network drive, ensure that the account used for installation has permission to access the network drive.</p>
Linux	<p>Any type of user, regular (non-root) user and super-user (root), can perform installation.</p> <p>A graphic environment such as CDE or X Windows is required to run the installer in GUI mode.</p>

System Requirements

Ensure that you meet all the system requirements before installing this product.

Platform

Before you run the installer, ensure that the appropriate platform is supported. See the `readme` file for information regarding supported operating system platforms, versions, and the required patches.

Disk Space

The installer requires space in the temporary directory before installation, and additional space in the temporary directory for running the installer. Ensure that sufficient space is available in the directory that you want to use as the installation environment (`TIBCO_HOME`). See the `readme` file for the required disk space.



While installing the product, avoid running other processes that consume disk space in the installation environment directory. If another process consumes disk space while the installer is copying the files, the installer might fail and display a failure message.

System Memory

See the `readme` file for the required system memory.

Software

Ensure that you have installed the required software before you run the installer. See the `readme` file for supported products and versions.

The following are required TIBCO products.

Software	Description
TIBCO BusinessConnect	Optional. Required only when TIBCO Trading Partner Management REST API accesses to TIBCO BusinessConnect ConfigStore. TIBCO BusinessConnect ConfigStore requires TIBCO BusinessConnect and all the software required by TIBCO BusinessConnect.

The following are required third-party software.

Software	Description
Java Runtime Environment	TIBCO Trading Partner Management REST API requires Java Runtime Environment 8 as runtime environment.

Installation

This product can be installed in the GUI, console, or silent mode.
Ensure that you meet all the requirements described in the [Installation Requirements](#) section.



Stop all running processes in *TIBCO_HOME* before the installation.

Installing in the GUI Mode

In the GUI mode, the installer prompts you for information regarding the installation environment, installation profile, and other installation information.

Procedure

1. Navigate to the temporary directory to which you extract the installation package.
2. Use one of the following ways to start the installation:
 - On Microsoft Windows, double-click `TIBCOUniversalInstaller-x86-64.exe`.
 - On Linux, run `TIBCOUniversalInstaller-platform_acronym.bin`.
3. Click **Next** in the Welcome wizard.
4. Read through the license agreement and select **I accept the terms of the license agreement**. Click **Next**.
5. Select a new installation environment (*TIBCO_HOME*) or an existing installation environment and click **Next**.

Option	Procedure
Create a new TIBCO_HOME	<p>Specify properties:</p> <ul style="list-style-type: none">• Directory: The directory into which the product is installed. The directory cannot be the same as the directory of an existing installation environment. The directory path cannot contain special characters such as "*", "#", "?", ">", "<", "%", "&", "\$", "" or " ".• Name: Identifies the installation environment. The name cannot contain special characters such as "*", "?", ">", "<", ":", " ", "/", "\", or quotes (").
Use an existing TIBCO_HOME	Select an installation environment from the drop-down list.

See [Installation Environment](#) for more details.

6. Review the information listed in the Pre-Install Summary dialog, and click **Install** to start the installation process.
7. Review the information listed in the Post-Install Summary dialog and then click **Finish** to complete the installation process and exit the installer.

Installing in the Console Mode

In the console mode, you can run the installer on a command line.

Procedure

1. On a command line, navigate to the temporary directory to which you extract the installation package.
2. Run the following command to start the installation:

- Microsoft Windows: `TIBCOUniversalInstaller.cmd -console`
- Linux: `./TIBCOUniversalInstaller-platform_acronym.bin -console`

A second command line is displayed.

3. Respond to the messages on the command line. The installation process is similar to [Installing in GUI Mode](#).
4. When the installation completes, press Enter to exit the installer.

Installing in the Silent Mode

In the silent mode, you can run the installer without user input by pointing the installer to an existing response file.

In the silent mode, the installer does not prompt for any inputs during installation. Instead, the inputs are read from a response file that can be provided as a command-line parameter.

- If you invoke the installer with the `-silent` argument, the installer reads the input from default response file, which is `TIBCOUniversalInstaller-tpm-rest.silent` packaged in the directory that contains the Universal Installer.
- If you invoke the installer with the `-silent -V responseFile="filename"` argument, the installer reads the input from the specified response file.

Procedure

1. Navigate to the temporary directory to which you extract the installation package and open the `TIBCOUniversalInstaller-tpm-rest.silent` file.
2. Update the response file directly. Or make a copy of the response file first and then update the copied file.
3. On a command line, navigate to the temporary directory to which you extract the installation package.
4. Enter the following command to start the installation:

- Microsoft Windows: `TIBCOUniversalInstaller.cmd -silent [-V responseFile="filename"]`
- Linux: `TIBCOUniversalInstaller-platform_acronym.bin -silent [-V responseFile="filename"]`



If you copy the response file to another directory, not the temporary directory containing the installer, you need to provide the absolute path of the response file.

Uninstallation

This product can be uninstalled in the GUI or console mode.



Before uninstalling this product, stop all the running processes in the installation environment.

Uninstalling in the GUI Mode

You can uninstall this product by running TIBCO Universal Installer, which allows you to uninstall all products in *TIBCO_HOME* or select the products to uninstall.

Procedure

1. Navigate to the *TIBCO_HOME/tools/universal_installer* directory.
2. Use one of the following ways to start the uninstallation:
 - On Microsoft Windows, double-click *TIBCOUniversalInstaller-x86-64.exe*.
 - On Linux, run *TIBCOUniversalInstaller-platform_acronym.bin*.
3. Select **Uninstall Products from a TIBCO Home Location** in the TIBCOInstallationManager wizard. Click **Next**.
4. Click **Next** in the Welcome wizard.
5. Select an uninstallation option and click **Next**.
 - **Custom Uninstall**
Allows you to select the products to be removed.
 - **Typical Uninstall**
Removes all the products in *TIBCO_HOME*.
6. Select the check box next to the product to be uninstalled and click **Next**, if you selected **Custom Uninstall**.
7. Review the product to be uninstalled and click **Uninstall**.
8. Click **Finish** in the Post Uninstall Summary wizard to exit the uninstall wizard.
9. If you have uninstalled all the software in *TIBCO_HOME*, delete the folders in the installation environment and user home.

Uninstalling in the Console Mode

If you are not working in a GUI environment, you can uninstall the software in the console mode.

Procedure

1. On a command line, navigate to the *TIBCO_HOME/tools/universal_installer* directory.
2. Run the following command to start the uninstallation:
 - Microsoft Windows: *TIBCOUniversalInstaller-x86-64.exe -console*
 - Linux: *./TIBCOUniversalInstaller-platform_acronym.bin -console*
 A second command line is displayed.
3. Respond to the messages on the command line. The uninstallation process is similar to [Uninstalling in GUI Mode](#).

4. When the uninstallation completes, press Enter to exit the installer.

Post Installation Tasks

Perform the post-installation tasks before starting the TPM REST server.

You need to update the `tpmrestserver.tra` file in the `TIBCO_HOME\tpm-rest\Version_Number\bin` directory, before starting the TPM REST server.

Prerequisites

- TPM REST server requires JRE 8. Make sure your system satisfies with the minimum Java runtime requirement.
- Copy your JDBC driver to the `TIBCO_HOME\tpm-rest\Version_Number\lib` directory to ensure successful connection to the ConfigStore database.
- Run `traUpgradeManager` with the `-ems` option from the `tra_home/bin` to update the `tpmrestserver.tra` file.

Procedure

1. Set the following ConfigStore database connection parameters:
 - `java.property.db.driver`
 - `java.property.db.url`
 - `java.property.db.user`
 - `java.property.db.password`
2. Set the `JDBC_LIB` environment variable to the JDBC driver folder in your system.
3. Set Java related variables when you use customized JRE.
The TPM REST installer does not populate Java related variables during installation.
4. Set the `SERVER_PORT` environment variable. The default port number is set to 8090.
5. Set the `java.property.request.header.size` environment variable. The default size is set to 8192.

Result

Start the TPM REST server by invoking the `tpmrestserver` executable in the `TIBCO_HOME\tpm-rest\Version_Number\bin` directory.

After initialization, the TPM REST server is ready to accept requests over the HTTP protocol.

Installation Logging

If you encounter problems with the installation, first ensure that your system meets all prerequisites. Next, check the installer log for potential problems.

The installer log file, `tibco_universal_installer.username_install.log`, is available in the following locations:

- Microsoft Windows: `C:\Users\username\.TIBCO\install_timestamp`
- Linux: `user_home_dir/.TIBCO/install_timestamp`

The installer log file captures the following information:

- Installation home details regarding the user that invoked the installer, hostname, operating system details, and so on
- List of assemblies installed

To change the location of the installer log file, specify the option `-v logFile="myLogFile"` when you run the installer.