TIBCO® Activation Service

User Guide

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Contents

Product Overview

Activation is the process of enabling your TIBCO products to run via a license that confirms your entitlement to those products. Licenses are stored in files and used by different options that enable activation.

TIBCO Activation Service is an activation option that centralizes the activation of your TIBCO products. You run an instance of TIBCO Activation Service, and your TIBCO products connect to it remotely to request activation.

The TIBCO Activation Service instance runs in the background, usually on a different operating environment from your TIBCO products, and uses minimal system resources.

Activation Setup

Step 1: Planning for Activation

Activation should be integrated into your overall planning process for installing or upgrading to new releases of TIBCO products. Activation is performed using a license generated from https://www.tibco.com/downloads.

> ❗ **Important:** You must plan for the activation of TIBCO products so that your TIBCO product installations or upgrades proceed smoothly and minimize disruption to your business.
> It is recommended that you plan for activation thoroughly and minimize changes to your plan in the future to minimize business disruption.

TIBCO products can be activated using one of the following options. Both are supported in production and development environments. Choose the option that best suits your requirements. The steps you take in this document to enable the activation of your TIBCO products will be specific to the option you choose.

- **In-Product Activation (local activation):** Your license file is placed in each operating environment in which you are running TIBCO products, and those products use that file to activate. You generate a single license file that is deployed to all your operating environments where you run TIBCO products. License files for In-Product activation can be placed within:

    - The file system of the systems and virtual machines where your TIBCO products run

    - A network drive accessible by the systems and virtual machines where your TIBCO products run

    - The containerized environments in which your TIBCO products run

> ℹ **Note:** In-Product Activation is recommended when your technical requirements or IT policies may not allow for the use of TIBCO Activation Service software to activate your TIBCO products. See Appendix: TIBCO Product Releases that support In-Product Activation for the list of TIBCO product releases that support In-Product Activation.

- **TIBCO Activation Service (remote activation):** You run an instance of TIBCO Activation Service software on a different operating environment from your TIBCO products, and they connect to that instance remotely to request activation. Your license file is uploaded to this instance, and you generate a license file for each instance you run. This option centralizes activation throughout your organization, helping:

  - Ensure you know the location of your licenses at all times.

  - Minimize the reactivation effort required when you renew your TIBCO subscriptions.

  - Reduce downtime risk of your TIBCO product caused by lost or damaged licenses.

  > ℹ **Note:** If you will use this activation option, proceed to Step 2: Deploying TIBCO Activation Service Software for Remote Activation.

Step 2: Deploying TIBCO Activation Service Software (for Remote Activation)

> ℹ **Note:** This section details deployment guidance and instruction for remote activation with TIBCO Activation Service software. If you will be activating TIBCO products via In-Product Activation, skip this section and proceed to Step 3: Generating A License.

Determining Where TIBCO Activation Service is to be Deployed in Your IT Infrastructure

TIBCO Activation Service is installed on either a Microsoft Windows 11, Microsoft Windows Server 2022, or Linux bare-metal system or virtual machine anywhere in your network. Typically, it is installed on an operating environment that is separate from those hosting your TIBCO products.

> **Note:** You must install TIBCO Activation Service on a system or virtual machine that has a stable host identifier. If host information is changed after TIBCO Activation Service is installed, it becomes unusable, which could disrupt the operations of your TIBCO products.

A single instance of TIBCO Activation Service can be used to activate all your TIBCO products, as long as it is reachable from all TIBCO product instances.

You may need to deploy multiple instances of TIBCO Activation Service to support your requirements. For example, multiple instances are necessary if:

- You run your TIBCO product instances in multiple, isolated networks
- You wish to activate subsets of your overall TIBCO product entitlements for different business units or departments
- Your IT infrastructure can cause mass restarts of your TIBCO product instances upon a disaster recovery event

> **Note:**
> - There is no limit to the number of TIBCO Activation Service instances that you can run. However, each instance must run on a separate bare metal system or virtual machine.
> - Activation should work through most firewalls. However, if you have a particularly restrictive firewall, you may need to configure it to allow your TIBCO Activation Service instance and TIBCO products to communicate. TIBCO products can be deployed behind a NAT firewall, as long as they can make an outbound connection to your TIBCO Activation Service instance . This instance, and any NAT firewall in front of it, must open access to port 7070. Port 7070 is used by TIBCO Activation Service and should be free.

Installing TIBCO Activation Service

Once you have determined where TIBCO Activation Service will be deployed in your IT infrastructure, download it from TIBCO Software Downloads site and install it on those systems or virtual machines. TIBCO Activation Service starts automatically as part of the installation using self-signed certificates. No manual steps are required to start TIBCO Activation Service.

When you use the tib-activate CLI for the first time, you are prompted to configure the CLI with TIBCO Activation Service and also change the administrator password. For more information, see First-time Usage of tib-activate.

Prerequisites

- A supported Linux distribution (RHEL or Ubuntu) with Root or sudo access
- A supported Microsoft Windows version (11 or Server 2022) with Administrator access

Linux Distribution

> ℹ **Note:** Do not install Java on the operating environment where you install TIBCO Activation Service. When following the instructions below, the TIBCO Activation Service installer will install the required Java runtime.

Download and Extract the Installer

1. Download the TIBCO Activation Service installer from the TIBCO Software Downloads site. The file name of the installer is similar to TIB_tibco-activation_1.1.0_ linux_x86_64.zip.

2. Upload the installer file to your target server.

3. Extract the installer file:

   ```
   unzip -d TIB_tibco-activation_1.1.0_linux_x86_64 TIB_tibco-activation_1.1.0_linux_x86_64.zip
   ```

```
cd TIB_tibco-activation_1.1.0_linux_x86_64/TIB_tibco-activation_1.1.0/
```

Install using RPM (RHEL)

1. Navigate to the rpm directory:

```
cd rpm
```

2. Install TIBCO Activation Service:

```
sudo yum -y install tibco-activation_1.1.0_x86_64-server.rpm
```

3. Install Activation Client:

```
sudo yum -y install tibco-activation_1.1.0_x86_64-util.rpm
```

Install using DEB (Ubuntu)

1. Navigate to the deb directory:

```
cd deb
```

2. Install TIBCO Activation Service:

```
sudo apt-get -y install ./tibco-activation_1.1.0_x86_64-server.deb
```

3. Install Activation Client:

```
sudo apt-get -y install ./tibco-activation_1.1.0_x86_64-util.deb
```

Microsoft Windows

Prerequisites

The Windows system where the server needs to be installed must contain Java 17.

> **ⓘ** **Note:** If not found, the installer gives this error: Java 17 not found.

Install Windows

1. Download TIB_tibco-activation_1.1.0_win_x86_64.exe from the TIBCO Software Downloads site.

2. Double-click the .exe installer to start the installation.

3. Provide the installation directory where the TIBCO Activation Service is installed. The default path is C:\Program Files\TIBCO\tibco-activation.

4. Select the components Server and Utilities to be installed.

5. Click **Install** to begin installation.

6. After the installation is complete, you see a README with server details at the provided installation directory.

Uninstall Windows

1. Run the Uninstall from the installation directory.

2. Click **Uninstall** to begin uninstallation.

3. Click **Close** to exit.

Uninstalling TIBCO Activation Service

Linux Distribution

RPM Uninstall (RHEL)

```
sudo yum -y remove tibco-activation-util.x86_64
sudo yum -y remove tibco-activation-server.x86_64
```

DEB Uninstall (Ubuntu)

```
sudo apt-get -y remove  tibco-activation-util
sudo apt-get -y remove  tibco-activation-server
```

Gathering Information Required to Generate A License

Once you have installed and started TIBCO Activation Service on one or more systems or virtual machines in your IT infrastructure, determine and document their unique host identifiers. A host identifier is used to bind a generated license (see Step 2) to an instance of TIBCO Activation Service. A license bound to a specific instance of TIBCO Activation Service can only be uploaded to that instance (see Step 3).

For example, in the illustration below, you would generate a single license that contains TIBCO ActiveMatrix BusinessWorks and TIBCO Enterprise Message Service, and bind it to the host identifier of the system or virtual machine where the TIBCO Activation Service instance is running.
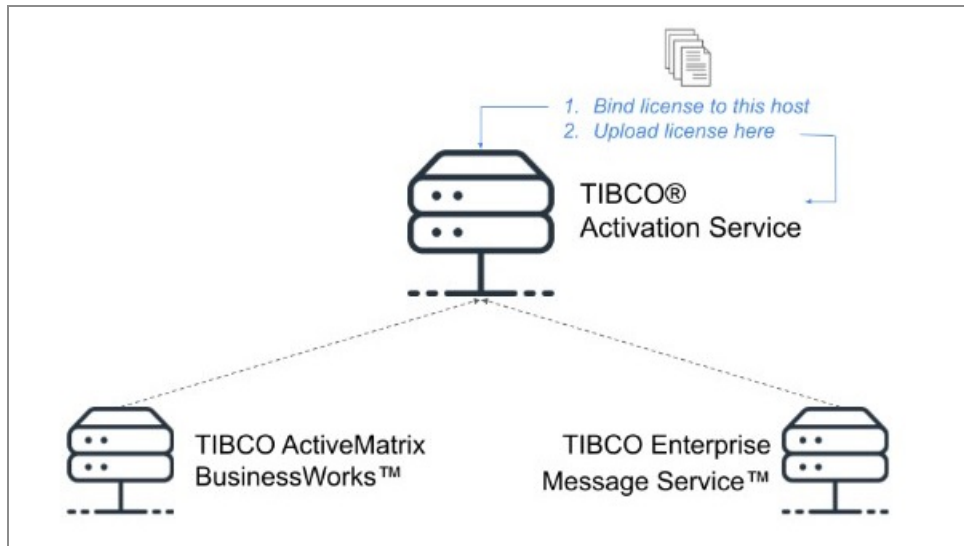
If you run multiple instances of TIBCO Activation Service across different systems or virtual machines, you generate and bind a license to each of those instances. Each license identifies the TIBCO products activated by that instance. For example, in the illustration below, you would generate a license that contains TIBCO ActiveMatrix BusinessWorks and TIBCO Enterprise Message Service, and bind it to the first instance of TIBCO Activation Service. You would generate another license that contains TIBCO ActiveMatrix BusinessWorks and TIBCO Rendezvous, and bind it to the second instance of TIBCO Activation Service.
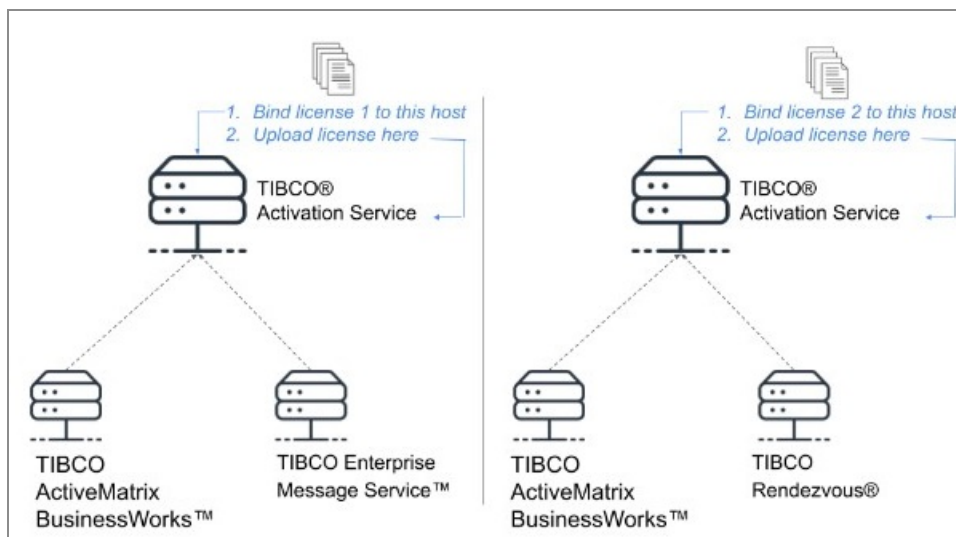
You can mix and match the activation of your TIBCO products with different instances of TIBCO Activation Service as necessary. However, you need to generate a separate license for each instance of TIBCO Activation Service that contains the TIBCO products that it activates, with each bound to a specific instance.

To determine the host identifier of the system or virtual machine containing the TIBCO Activation Service instance, use the following command:

```
tib-activate server hostids
```

For more information on the command, see Server Command.

The output of the command is a character string that is the identifier for the host where your TIBCO Activation Service instance is running. You need to run the tib-activate command on each system and virtual machine where you have an instance of TIBCO Activation Service running to determine the unique host identifier.

> **Note:** A host identifier is a required input to generate a license for use with TIBCO Activation Service. Ensure you have it readily available.

What to do next
- Configure the CLI and change the administrator password. See First-time Usage of tib-activate.

- Step 3: Generating A License

- Step 4: Activating Your TIBCO Products

- Maintaining Activations with TIBCO Activation Service

Step 3: Generating A License

A license contains the information required to activate one or more TIBCO products. A license is valid for the duration of your subscription to the TIBCO products identified in the license.

> **ⓘ Note:**
>
> - If you run TIBCO applications in a development environment, you need to activate them with a license. You can perform local testing of TIBCO applications within TIBCO Business Studio without generating a license.
>
> - A license generated for TIBCO Activation Service must be deployed to a specific instance of TIBCO Activation Service for which they are defined. However, a single license for In-Product activation can be copied to all operating environments where you run TIBCO products.
>
> - A license generated for a TIBCO Activation Service instance cannot be used for In-Product Activation and vice-versa. Ensure the license you generate is used for the activation option for which it is defined.
>
> - The license you generate can include all TIBCO products to which you are entitled, even if the product releases you run don't currently require activation. You will not need to generate a new license as you upgrade to releases that do require activation. However, if you purchase a new entitlement to an additional TIBCO product in the future, you will need to generate a new license that includes entitlement to that product in order to activate it.
>
> - **TIBCO products activated via licenses will cease to operate at the end date of your entitlement as defined in your license.** It is therefore critical that you understand when your entitlement ends so that you can renew and generate new licenses well in advance of this date to avoid TIBCO product shut down.
>
> - If you have an active maintenance contract with TIBCO, the entitlement end date in your license is set to the expiration date of that contract. If you renew this contract, you will need to generate a new license. See Step 5: Upgrading Your TIBCO Products and Renewing Your Subscriptions.

Licenses are generated using the license portal in the TIBCO Software Downloads site.

To generate a license using the license portal:

1. **Access the TIBCO Licenses Portal:**

   - Navigate to the TIBCO Software Downloads site and sign in.

   - Click **My Account** (usually your initials or account name in the upper right corner).

- From the side menu, select **TIBCO Licenses**.

2. **Start New License Creation:**

   - On the TIBCO Licenses Portal, click **New License**. A **Create License** dialog box will appear.

3. **Specify License Details:**

   - In the **License Name** field, enter a meaningful name for your license (for example, `PROD_ACTV-SVC-EAST_20261030_V01`).

   - Under **Please specify the host system to which you will deploy this license:**, select **Specific Host** for TIBCO Activation Service.

     > ℹ️ **Note:** For the new portal workflow, the required host ID (determined by running `tib-activate server hostids`) must be entered in the resulting fields, which appear after selecting "Specific Host".

     - If you were generating a license for In-Product Activation (Local Activation), you would select **Any Host**.

   - Under **Select TIBCO products to include in your license**, make sure the checkbox is selected for all the entitled TIBCO products you want to activate with this instance of TIBCO Activation Service.

4. **Generate and Download the License File:**

   - Click **Create & Download License**.

   - This action generates the license file with a `.bin` extension and downloads it to your computer. The license will now be listed under the **Your Licenses** tab.

5. **Read License Scenario:**

   - Click the Kebab Menu beside **New License** on the **Your TIBCO Products** page to find the **Read license file** Option.

- Click **Read license file >** browse the .bin license file and select it. After you select the correct .bin file, **Read License** will be enabled.

- Click **Read License** and the license file will be read and you will see a message similar to this:

Read License file   ✕

License Details

License File Name: 17705-Test nov24_ANY.bin

Date Generated: November 24, 2025

Status: success

Customer Name:

Activation Device: 17705-Test nov24_ANY

Activation Device Host ID: 17705-Test nov24_ANY

Product	Maintenance Expiration	Entitlement Expiration
TIBCO Foresight Instream Healthcare License	Nov 30, 2030	Nov 30, 2030
TIBCO BusinessWorks License	May 23, 2028	May 23, 2028
TIBCO Managed File Transfer License	Nov 30, 2030	Nov 30, 2030
TIBCO DataSynapse GridServer License	Nov 30, 2030	Nov 30, 2030

Done

> ⓘ **Note:**
> ○ One customer can not view the License file from another customer.
>
> ○ An employee can not view the License file of a customer.

- When a customer is trying to view the license file from another customer it will show a message like this:

Read License file   ✕

Not authorised to read this file as the license doesn't belong   to your organisation

Done

Understanding the "Any Host" Option

The "Any Host" option is used when generating a license for **In-Product Activation (Local Activation)**, where the license file is placed directly on the host system running the TIBCO product, and no TIBCO Activation Service instance is used.

- **Activation Method: In-Product Activation (Local).**

- **License Binding:** The license is not bound to a specific host ID (like a MAC address or host identifier) but is considered **unbounded**.

- **Usage:** A single "Any Host" license can be copied to and used by multiple TIBCO product instances across different operating environments.

- **Restriction:** Licenses generated with the "Any Host" option are only for **In-Product Activation** and **cannot be uploaded** to a TIBCO Activation Service instance.

When to Use "Any Host" for Licensing

Recommended Approach: "Any Host" with Product Activation is the preferred licensing method for most deployments, offering simpler setup and greater flexibility compared to "Specific Host" with TIBCO Activation Service.

The "Any Host" option is designed for flexibility and simplicity. Choose this option when you need to:

- **Work within IT restrictions:** Some organizations have policies or technical limitations that don't allow centralized activation services. "Any Host" works around these constraints.

- **Deploy quickly and simply:** If you're running a straightforward setup where you just need to place a license file directly with your TIBCO product (whether on a local drive, network share, or in a container), "Any Host" keeps things uncomplicated.

- **Avoid additional infrastructure:** Unlike the Specific Host option, "Any Host" doesn't require setting up and maintaining a separate TIBCO Activation Service server.

What to do next
- Step 4: Activating Your TIBCO Products

- Step 5: Upgrading Your TIBCO Products and Renewing Your Subscriptions

Step 4: Activating Your TIBCO Products

Once you have generated and downloaded your license file, copy it to the operating environment where it will activate your TIBCO products.

- **In-product Activation:** Consult your TIBCO product documentation for details on configuring your TIBCO product for activation with your license file.

  > ⓘ **Note:** If you are using this activation option, proceed to Step 6: Upgrading Your TIBCO Products and Renewing Your Subscriptions.

- **TIBCO Activation Service:** Copy your license file to the host environment where you are running the TIBCO Activation Service instance to which it is bound. Then, upload it to the TIBCO Activation Service instance and configure your TIBCO products for activation. You need to do this for each instance of TIBCO Activation Service you are running, using the license file bound to each specific instance.

  > ⓘ **Note:** If you are using this activation option, proceed to Upload Your License File to Your TIBCO Activation Service Instance.

Upload Your License File to Your TIBCO Activation Service Instance

To upload a license file into a TIBCO Activation Service instance, use the following command:

```
tib-activate license upload
```

For more information, see License Command.

Configure TIBCO Products for Activation with TIBCO Activation Service

Determining the URL of Your TIBCO Activation Service Instance

The URL to your TIBCO Activation Service instance is stored in the /usr/libexec/tib-lm/README.txt file on the system or virtual machine where your instance is running. You will need to configure your TIBCO product that activates with this instance with this URL. See your TIBCO product documentation for details on how to configure it for activation using TIBCO Activation Service.

At startup, your TIBCO product contacts this instance and requests activation. If you hold an active entitlement to the requesting TIBCO product as defined in the license uploaded to that instance, the TIBCO product starts normally.

Maintaining Activations with TIBCO Activation Service

After your TIBCO products are activated with your TIBCO Activation Service instance and operating normally, they are re-validated regularly. Therefore, ensure that your instance of TIBCO Activation Service is always reachable by your TIBCO products to avoid potential disruption.

> **ⓘ Note:** You must ensure that your instance of TIBCO Activation Service is always running and reachable by your TIBCO products. If it becomes unreachable, you have a maximum activation outage period of 30 days to reestablish connectivity, after which your TIBCO products activated by that instance will shut down. See Appendix: TIBCO Product Releases that Support 30 Day Maximum Activation Outage for TIBCO product releases that support a maximum activation outage period of 30 days.

You must also monitor for changes to your IT infrastructure to ensure re-validation occurs uninterrupted.

You need to regenerate a license under the following scenarios:

- **Moving a TIBCO Activation Service instance:**

  If you move an instance of TIBCO Activation Service to a new system, you must first delete the old license in the portal and then generate a new license bound to the new host's identifier.

  1. **Delete the Old License:** Navigate to **Your Licenses** in the TIBCO Licenses portal and delete the license associated with the old, deactivated instance.

  2. **Obtain New Host ID:** Install and configure the TIBCO Activation Service on the new system, and run tib-activate server hostids to obtain the new system's unique host identifier.

  3. **Generate New License:** In the TIBCO Licenses portal, click **+ New License**, select **Specific Host**, and enter the new system's host identifier. Select your entitlements and click **Create & Download License**.

  4. **Activate New Instance**: Upload the new license file to the new TIBCO Activation Service instance using the tib-activate license upload command.

  5. **Reconfigure Products:** You need to reconfigure your TIBCO products that activated with the previous instance of TIBCO Activation Service with the URL of the new instance and restart those products.

  > ℹ **Note:** Since TIBCO products need to be restarted when moving a TIBCO Activation Service instance, this task should only be performed during scheduled downtime.

You need NOT regenerate a license under the following scenarios:

- **Moving TIBCO products:** If you move a TIBCO product to a new operating environment, you need not generate a new license for that product as long as the instance of TIBCO Activation Service that activated the product is still reachable by the product.

Step 5: Upgrading Your TIBCO Products and Renewing Your Subscriptions or Maintenance Term

Upgrading Your TIBCO Products

When you upgrade to a new release of your TIBCO product, you need to configure the new releases with either the URL of the TIBCO Activation Service (for remote activation) or location of the license file (for local activation) that was used to activate the previous release, and then start the product. Consult the documentation for your TIBCO products for details on configuring them for activation.

> **Note:** You can upgrade to a new release of a TIBCO product as long as you have an active subscription or maintenance term for that product.

Renewing Your Subscription or Maintenance Contract

> **Note:** The entitlement end date in your license is set to the end date of your current subscription or maintenance contract. You can determine the entitlement end date to your TIBCO product in the license portal. In addition, your TIBCO product will begin posting entities to its log starting at 90 days before your entitlement ends.
>
> You are encouraged to renew your subscription or maintenance contract with TIBCO well in advance of the contract end date to avoid the shutdown of your TIBCO product on that date.
>
> If you choose not to renew your maintenance contract, you will need to generate a new license file in the TIBCO License portal that will include an additional 2 year entitlement, and continue to do so well in advance of future entitlement end dates.

Immediately after you renew your subscription or maintenance contract with TIBCO, you must generate a new license that includes the entitlement end date of your new contract. To generate a new license, navigate to the license portal, and perform the following steps:

1. Click **+ New License** to start a new license request.

2. Follow the steps under Step 3: Generating A License, ensuring you enter the correct License Name and Host ID for the TIBCO Activation Service instance that requires renewal.

3. Click **Create & Download License** to download the new file.

4. Copy the new license file to the operating environment where you copied the previous license file.

   - **In-product Activation:** Consult your TIBCO product documentation for details on configuring your TIBCO product for activation with your license file.

   - **TIBCO Activation Service:** Upload your new license file to the same instance of TIBCO Activation Service as you did for your previous license file. To upload the new license file, use the following command:

     ```
     tib-activate license upload
     ```

     For more information, see License Command.

     You do NOT need to restart your TIBCO Activation Service instance after uploading the new license file, nor reconfigure and restart your TIBCO products that were activated with that instance.

Using the TIBCO Activation Service CLI Tool

> ℹ **Note:** This section is applicable when you are using TIBCO Activation Service software to activate your TIBCO products.

You can run tib-activate, along with the supported commands, as follows:

```
tib-activate [command] [flag]
```

If you are using the tib-activate CLI tool for the first time, configure the tool and set a new administrator password using the instructions in First-time Usage of tib-activate.

For more information on the tib-activate commands, see List of tib-activate Commands.

First-time Usage of tib-activate

When you use the tib-activate CLI for the first time, you are prompted to configure TIBCO Activation Service by providing the TIBCO Activation Service details. You can provide the details in one of the following ways:

- Providing the full URL of TIBCO Activation Service, including the fingerprint, as shown in the installation logs. For more information, see Providing the full URL of TIBCO Activation Service.

- Providing hostname and port of license server. For more information, see Providing hostname and port of TIBCO Activation Service.

- Setting environment variables. For more information, see Setting Environment Variables (Not Recommended).

Once TIBCO Activation Service is configured, you must set a new administrator password. For more information, see Setting a New Administrator Password.

Providing the full URL of TIBCO Activation Service

Provide a fully qualified TIBCO Activation Service URL along with a fingerprint in the query parameter copied from TIBCO Activation Service logs located at /usr/libexec/tib-lm/README.txt.

Sample URL:

```
https://activationserver.example.com:7070?fp=98fdb7e7d06fe3aac5841086684d8069d883984b4
030ad8edfa97b363bc0620a
```

Sample Output:

```
tib-activate
License Server details not configured, please configure
License Server's hostname and port OR the full URL as shown in /usr/libexec/tib-lm/README.txt:
https://activationserver.example.com:7070?fp=98fdb7e7d06fe3aac5841086684
d8069d883984b4030ad8edfa97b363bc0620a
Initial setup: please set the password for the administrator of
[admin@https://activationserver.example.com:7070]
Password must be 8 or more characters in length. Password must contain 1 or more lowercase characters.

Password must contain 1 or more uppercase characters. Password must contain 1 or more special characters
Enter password:
Confirm password:
Successfully configured License Server details. Server Details are stored at ~/.tib-activate.server-info
User's password has been successfully updated. New user session is stored at ~/.tib-activate.profile and valid
until 2:30AM
-----------------------------------------------------------------------
You should register the following License Server information with TIBCO:
0242AC110002
-----------------------------------------------------------------------
```

Providing hostname and port of TIBCO Activation Service

Provide the hostname and port of the TIBCO Activation Service. If you are asked to confirm the fingerprint, hash trust the certificate for TLS connections.

Sample hostname and port:activationserver.example.com:7070

Sample output:

```
tib-activate
License Server details not configured, please configure
License Server's hostname and port OR the full URL as shown in /usr/libexec/tib-lm/README.txt:
```

```
activationserver.example.com:7070
Got the TLS certificate with the fingerprint:
98fdb7e7d06fe3aac5841086684d8069d883984b4030ad8edfa97b363bc0620a
Please confirm the above TLS certificate fingerprint matches the one shown in server logs [Y/n]:Y
Initial setup: please set the password for the administrator of
[admin@https://activationserver.example.com:7070]
Password must be 8 or more characters in length. Password must contain 1 or more lowercase characters.
Password must contain 1 or more uppercase characters. Password must contain 1 or more special characters
Enter password:
Confirm password:
Successfully configured License Server details. Server Details are stored at ~/.tib-activate.server-info
User's password has been successfully updated. New user session is stored at ~/.tib-activate.profile and valid
until 2:14AM
----------------------------------------------------------------------
You should register the following License Server information with TIBCO:
0242AC110002
----------------------------------------------------------------------
```

Setting Environment Variables (Not Recommended)

> ℹ **Note:** Use the tib-activate login command which prompts you to enter the password for the server. This is the most secured way of logging in. For more information, see Login Command.

The following environment variables are supported:

- LICENSE_SERVER_CONNECTION_STRING: This environment variable is used to store the TIBCO Activation Service connection string. Set the value as TIBCO Activation Service hostname and port.

- LICENSE_SERVER_PASSWORD: This environment variable is used to provide the TIBCO Activation Service password to log in securely using the login command. Set the value as the new TIBCO Activation Service password.

Sample environment variable:

```
export LICENSE_SERVER_CONNECTION_STRING=activationserver.example.com:7070
export LICENSE_SERVER_PASSWORD=<license server password>
```

Sample output:

```
export LICENSE_SERVER_CONNECTION_STRING=activationserver.example.com:7070
export LICENSE_SERVER_PASSWORD=mypassword
```

```
tib-activate
Successfully configured License Server details. Server Details are stored at ~/.tib-activate.server-info
User's password has been successfully updated. New user session is stored at ~/.tib-activate.profile and valid
until 2:38AM
---------------------------------------------------------------------
You should register the following License Server information with TIBCO:
0242AC110002
---------------------------------------------------------------------
```

Setting a New Administrator Password

Once the license server is configured, you must set a new administrator password. The password must meet the following criteria:

- At least 8 characters in length

- Contains at least one uppercase letter

- Contains at least one lowercase letter

- Contains at least one special character

Example

```
tib-activate
License Server details not configured. Please provide License Server's hostname
OR the full URL as shown in /usr/libexec/tib-lm/README.txt on server's machine:
https://activationserver.example.com:7070?fp=98fdb7e7d06fe3aac5841086684d8069d883984b4
030ad8edfa97b363bc0620a
Initial setup: please set the password to sign in to https://activationserver.example.com:7070
Initial setup: please set the password for the administrator of
[admin@activationserver.example.com:7070]
Password must be 8 or more characters in length. Password must contain 1 or more lowercase
characters. Password must contain 1 or more uppercase characters. Password must contain 1 or
more special characters
Enter new Password:
Confirm new Password:
Successfully configured License Server details. Server Details are stored at ~/.tib-activate.server-
info
User's password has been successfully updated. New user session is stored at ~/.tib-
activate.profile and valid until 2:58AM
```

List of tib-activate Commands

Command	Description
login	Sign in to TIBCO Activation Service and save the session in the profile. For more information, see Login Command.
logout	Delete the authenticated session from the profile. -f option also deletes the profile and server-info files. For more information, see Logout Command.
password	Update the user's password. For more information, see Password Command.
license	Commands related to licenses. For more information, see License Command.
server	Commands related to TIBCO Activation Service. For more information, see Server Command.

Flags

Flag	Description
-d, --debug	Enable debug logs.
-h, --help	Help for tib-activate. For more information about a specific command, use tib-activate [command] --help.
-v, --version	Version for tib-activate.
-f	Deletes the profile and server-info files.

Login Command

The login command in the tib-activate CLI tool allows you to log in using a password generated in TIBCO Activation Service. The session is valid for 12 hours and saved in the home folder.

Providing the Password

You can provide the password for login in one of the following ways:

- Using the -p or --password flag.

  For example:

  ```
  tib-activate login -p "mypassword"

  User authenticated successfully.
  User session is stored at ~/.tib-activate.profile and valid until 2:00AM.
  ```

- Using an interactive console prompt by not providing any flag. This is a secured way of providing a password.

  For example:

  ```
  tib-activate login
  Enter Password [admin@https://activationserver.example.com:7070]: <user_input>
  User authenticated successfully. User session is stored at ~/.tib-activate.profile and valid until 2:00AM.
  ```

- Using an environment variable by exporting the password in an environment variable with the name "LICENSE_SERVER_PASSWORD". This is not a secured way of providing a password.

  ```
  export LICENSE_SERVER_PASSWORD="mypassword"
  tib-activate login
  User authenticated successfully. User session is stored at ~/.tib-activate.profile and valid until 2:00AM.
  ```

Logout Command

The logout command in the tib-activate CLI tool enables you to log out from TIBCO Activation Service securely. It ends the session and ensures that the credentials are not

stored locally, enhancing security and preventing unauthorized access.

```
tib-activate logout
Logout successful.
```

Option -f also deletes the profile and server-info files.

```
tib-activate logout -f
Logout successful. Also deleted /Users/johndoe/.tib-activate.profile and /Users/johndoe/.tib-activate.server-info.
```

Password Command

The password command in the tib-activate CLI tool allows you to update the password for TIBCO Activation Service. Once the CLI is configured and a password is set, the session is valid for 12 hours. After 12 hours, the CLI prompts you to login again.

You can change the password in one of the following ways:

- By using --old-pasword and --new-password or -o and -n flags. This is an unsecured way of changing the password.

  For example:

  ```
  tib-activate password -o <oldpassword> -n <newpassword>

  User's password has been successfully updated. New user session is stored at ~/.tib-activate.profile and valid until 3:56AM
  ```

- By using an interactive prompt which does not print passwords on the console.

  For example:

  ```
  tib-activate password

  Enter old Password [admin@https://activationserver.example.com:7070]:
  Password must be 8 or more characters in length. Password must contain 1 or more lowercase characters. Password must contain 1 or more uppercase characters. Password must contain 1 or more special characters.
  Enter new Password: <user_input>
  Confirm new Password: <user_input>
  User's password has been successfully updated. New user session is stored at ~/.tib-activate.profile and valid until 3:45AM.
  ```

License Command

The license command in the tib-activate CLI tool allows users to perform specific operations related to licenses.

```
tib-activate license [sub-commands] [flags]
```

Sub-commands

Sub-command	Syntax	Description
upload	tib-activate license upload "BW5_Eval_720GP_STRICT_5CCS-DoNotREDISTRIBUTE.bin"	Uploads a license file. **Note:** • The response bin files that are uploaded override any previously uploaded license file. • Only license files with a file extension of *.bin are supported.
list	tib-activate license list	Lists all active licenses on the TIBCO Activation Service. For example:

```
[{
"id" : 829,
"type" : "CONCURRENT",
"featureName" : "TIBCO_BW_CCS",
"featureVersion" : "2025.809",
"expiry" : "2025-05-11",
"featureCount" : 10,
"overdraftCount" : 0,
"used" : 0,
"vendorString" : "L=NFR;GP=1;STRICT;CL=BW",
"issued" : "2024-11-01",
"notice" : "TIBCO - Internal Test",
"serialNumber" : "BW_NFR2-
```

0101010101:ABCDEFGHIJKLMNOPQRSTUVWXY
Z",
"featureId" : "1swpa21EpgEypTqb33v+Ow",
"starts" : "2024-11-02",
"featureKind" : "NORMAL_FEATURE",
"vendor" : "osp",
"meteredInterval" : 0,
"meteredReusable" : false,
"receivedTime" : "2025-02-10T05:50:46.000Z",
"metered" : false,
"uncappedOverdraft" : false,
"uncounted" : false,
"reserved" : 0,
"concurrent" : true
}]

Server Command

The server command in the tib-activate CLI tool allows users to perform specific operations related to TIBCO Activation Service. This includes checking the current version of TIBCO Activation Service and getting a list of all host IDs associated with TIBCO Activation Service.

```
tib-activate server [sub-commands] [flags]
```

Sub-commands

Sub-command	Syntax	Description
version	tib-activate server version	Displays the current version of TIBCO Activation Service.
hostids	tib-activate server hostids	Displays all the host IDs associated with TIBCO Activation Service. TIBCO Activation Service can

respond back with multiple host IDs. The host ID with which TIBCO Activation Service is configured is listed in the "selected" attribute of the response. For example:

```
tib-activate server hostids
```

```
{
"selected" : {
"value" : "0242AC110002",
"type" : "ETHERNET"
},
"hostids" : [ {
"value" : "0242AC110002",
"type" : "ETHERNET"
} ]
}
```

Flags

--help, -h: Displays help information for the command or sub-command.

Data Privacy

A TIBCO Activation Service instance collects and stores information used to uniquely identify the system or virtual machine on which it is running. This may include the MAC addresses of the network interfaces or other unique identifiers for purposes of binding activation to a specific machine. This information is not transmitted outside of the instance of TIBCO Activation Service in which it is collected and TIBCO has no access to it.

Appendix: TIBCO Product Releases that Support In-Product Activation

> ❗ **Important:**
> Refer to FAQ for TIBCO Activation for TIBCO product releases that support In-product Activation in both production and development environments.

Appendix: TIBCO Product Releases that Support 30 Day Maximum Activation Outage

The following TIBCO product releases support a maximum activation outage period of 30 days. This only applies when using TIBCO Activation Service to activate your TIBCO products. As new product releases support a maximum activation outage period of 30 days in the future, they will be listed here.

- TIBCO BusinessConnect™ 7.5.0 and above
- TIBCO BusinessEvents® 6.3.2 HF1 and above
- TIBCO ActiveMatrix BusinessWorks™ 5.16.1 Hotfix 2 and above
- TIBCO ActiveMatrix BusinessWorks™ 6.12.0 and above
- TIBCO Enterprise Message Service™ 10.4.0 above
- TIBCO Foresight® Instream® 9.4 and above
- TIBCO Foresight® Instream® Healthcare Edition 9.4 and above
- TIBCO FTL® 7.1.0 and above
- TIBCO iProcess® Engine 11.10.0 and above
- TIBCO MFT Platform Server™ for Windows 8.2.0 and above
- TIBCO Rendezvous® 8.8.0 and above

Appendix: Debugging and Troubleshooting TIBCO Activation Service

> **ⓘ Note:** This section is applicable when you are using TIBCO Activation Service software to activate your TIBCO products.

This section describes common errors encountered during activation and provides solutions.

Task	Command
Start TIBCO Activation Service if not running.	sudo systemctl start flexnetls-osp
Check status of TIBCO Activation Service.	sudo systemctl status flexnetls-osp
Check TIBCO Activation Service log.	tail -f /var/log/tibco/tib-lm/flexnetls.log
Location of TIBCO Activation Service installation	/usr/libexec/tib-lm/server
Location of TIBCO Activation Service log	/var/log/tibco/tib-lm
Stop TIBCO Activation Service	sudo systemctl stop flexnetls-osp

Task	Command
View configured server information and session profile	cat ~/.tib-activate.server-info cat ~/.tib-activate.profile

Expired or Duplicate License File

Problem: Attempting to upload an expired license file or re-uploading the same license file results in the following error:

```
error: 400 Bad Request -
{
"key": "License response fails trust criteria",
"message": "License response fails trust criteria"
}
```

Solution:

- **Expired License:** Generate a new license file again. Contact TIBCO support for further assistance.

- **Duplicate License:** Verify that you are uploading a valid new license file. Avoid re-uploading previously used or expired license files. If you believe you have the correct file but are still encountering this error, contact TIBCO Support.

Invalid File Format

Problem: Uploading a file that is not a valid .bin license file results in the following error:

```
400 Bad Request -
{
"key": "glsErr.parsingBinary",
"message": "Binary message could not be parsed"
}
```

Solution: Verify that the file you are attempting to upload has the .bin extension and is the correct license file provided by TIBCO. Do not attempt to upload other file types. If you are unsure of the correct file, contact TIBCO Support.

Requests to Server Time Out

Problem: This condition may indicate that the license server has a deleted or corrupted database.

Solution: It is important that you ****do not restart the server**** without taking additional steps first. Without additional precautions, the restarted server will not have any valid activations, and products that are connected to it will begin shutting down. In contrast, if the server is left running in this mode, products will continue to run for the thirty day grace period.

Contact TIBCO Support for guidance if you encounter this problem.

Forgotten Administrator Password

Problem: The administrator has forgotten the password and cannot log in to TIBCO Activation Service CLI.

Solution: Contact TIBCO Support for assistance.

TIBCO Documentation and Support Services

For information about this product, you can read the documentation, contact TIBCO Support, and join TIBCO Community.

Product-Specific Documentation

The following documentation for this product is available on the TIBCO® Activation Service Product Documentation page:

- *TIBCO® Activation Service Release Notes*
- *TIBCO® Activation Service User Guide*

Other TIBCO Product Documentation

When working with TIBCO® Activation Service, you may find it useful to read the documentation of the TIBCO products being activated.

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.

How to Join TIBCO Community

TIBCO Community is the official channel for TIBCO customers, partners, and employee subject matter experts to share and access their collective experience. TIBCO Community offers access to Q&A forums, product wikis, and best practices. It also offers access to extensions, adapters, solution accelerators, and tools that extend and enable

customers to gain full value from TIBCO products. In addition, users can submit and vote on feature requests from within the TIBCO Ideas Portal. For a free registration, go to TIBCO Community.

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