

TIBCO BusinessConnect Plug-In for FTP Server™ Installation and Configuration

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Preface



This software may be available on multiple operating systems. However, not all operating system platforms for a specific software version are released at the same time. Please see the readme file for the availability of this software version on a specific operating system platform.

TIBCO BusinessConnect Plug-In for FTP Server™ provides a secure access so that the external users can log in and perform simple file uploads and downloads.

Topics

- [Related Documentation, page vi](#)
- [Typographical Conventions, page viii](#)
- [Connecting with TIBCO Resources, page x](#)

Related Documentation

TIBCO BusinessConnect Plug-In for FTP Server™ Documentation

The following documents form the TIBCO BusinessConnect Plug-In for FTP Server documentation set:

- TIBCO BusinessConnect Plug-In for FTP Server™ *Installation and Configuration*: Read this guide to install and configure TIBCO BusinessConnect Plug-In for FTP Server.
- TIBCO BusinessConnect Plug-In for FTP Server™ *User's Guide*: Read this guide to learn how to manage TIBCO BusinessConnect Plug-In for FTP Server.
- TIBCO BusinessConnect Plug-In for FTP Server™ *Release Notes*: Read this document to learn about new features, changes in functionality, deprecated features, known issues, and closed issues for each release. This document is supplied for each release and is available only in PDF format.

TIBCO BusinessConnect™ Documentation

The following documents form the BusinessConnect documentation set:

- *TIBCO BusinessConnect™ Installation and Configuration*. Read this guide to learn how to install and configure TIBCO BusinessConnect.
- *TIBCO BusinessConnect™ Concepts*: Read this guide to learn about TIBCO BusinessConnect architecture, deployment modes, protocols, and security.
- *TIBCO BusinessConnect Interior Server™ Administration*: Read this guide in order to administer, operate, and manage TIBCO BusinessConnect Interior Server.
- *TIBCO BusinessConnect Gateway Server™ Administration*: Read this guide in order to administer, operate, and manage TIBCO BusinessConnect Gateway Server.
- *TIBCO BusinessConnect™ Trading Partner Administration*: Read this guide to configure and manage trading partners.
- *TIBCO BusinessConnect™ Scripting Deployment User's Guide*: Read this guide to configure and manage TIBCO BusinessConnect using the command line interface.
- *TIBCO BusinessConnect™ Release Notes*: Read this document to learn about new features, changes in functionality, deprecated features, known issues, and

closed issues for each release. This document is supplied for each release and is available only in PDF format.

Other TIBCO Product Documentation

You may find it useful to read the documentation for the following TIBCO products, which may be used or integrated with BusinessConnect:

- **TIBCO Administrator™** software: The software allows you to manage users, machines and applications defined in a TIBCO Administration Domain. The TIBCO Administrator graphical user interface enables users to deploy, monitor, and start and stop TIBCO applications.
- **TIBCO ActiveMatrix BusinessWorks™** software: This software is a scalable, extensible, and easy to use integration platform that allows you to develop integration projects. TIBCO BusinessWorks includes a graphical user interface (GUI) for defining business processes and an engine that executes the process.
- **TIBCO Designer™** software: This graphical user interface is used for designing and creating integration project configurations and building an Enterprise Archive (EAR) for the project. The EAR can then be used by TIBCO Administrator for deploying and running the application.
- **TIBCO Runtime Agent™** software: This software suite is a prerequisite for other TIBCO software products. In addition to TIBCO Runtime Agent components, the software suite includes the third-party libraries used by other TIBCO products such as TIBCO Designer, Java Runtime Environment (JRE), TIBCO Hawk®, and TIBCO Rendezvous®.
- **TIBCO Rendezvous®**: This software enables programs running on many different kinds of computers on a network to communicate seamlessly. It includes two main components: the Rendezvous programming language interface (API) in several languages, and the Rendezvous daemon.
- **TIBCO Enterprise Message Service™** software: This software provides a message service that enables integration of applications within an enterprise based on the Java Message Service (JMS) specifications.




Typographical Conventions

The following typographical conventions are used in this manual.

Table 1 General Typographical Conventions

Convention	Use
<i>ENV_NAME</i> <i>TIBCO_HOME</i> <i>ftp_HOME</i>	<p>TIBCO products are installed into an installation environment. A product installed into an installation environment does not access components in other installation environments. Incompatible products and multiple instances of the same product must be installed into different installation environments.</p> <p>An installation environment consists of the following properties:</p> <ul style="list-style-type: none">• Name Identifies the installation environment. This name is referenced in documentation as <i>ENV_NAME</i>. On Microsoft Windows, the name is appended to the name of Windows services created by the installer and is a component of the path to the product shortcut in the Windows Start > All Programs menu.• Path The folder into which the product is installed. This folder is referenced in documentation as <i>ftp_HOME</i>. <p>TIBCO BusinessConnect Plug-In for FTP Server installs into a directory within a <i>TIBCO_HOME</i>. This directory is referenced in documentation as <i>ftp_HOME</i>. The default value of <i>ftp_HOME</i> depends on the operating system. For example on Windows systems, the default value is</p> <p>C:\tibco\bc\version\protocols\ftp.</p>
code font	<p>Code font identifies commands, code examples, filenames, pathnames, and output displayed in a command window. For example:</p> <p>Use MyCommand to start the foo process.</p>
bold code font	<p>Bold code font is used in the following ways:</p> <ul style="list-style-type: none">• In procedures, to indicate what a user types. For example: Type admin.• In large code samples, to indicate the parts of the sample that are of particular interest.• In command syntax, to indicate the default parameter for a command. For example, if no parameter is specified, MyCommand is enabled: MyCommand [enable disable]

Table 1 General Typographical Conventions (Cont'd)

Convention	Use
<i>italic font</i>	<p>Italic font is used in the following ways:</p> <ul style="list-style-type: none"> To indicate a document title. For example: See <i>TIBCO ActiveMatrix BusinessWorks Concepts</i>. To introduce new terms. For example: A portal page may contain several portlets. <i>Portlets</i> are mini-applications that run in a portal. To indicate a variable in a command or code syntax that you must replace. For example: <code>MyCommand <i>PathName</i></code>
Key combinations	<p>Key name separated by a plus sign indicate keys pressed simultaneously. For example: Ctrl+C.</p> <p>Key names separated by a comma and space indicate keys pressed one after the other. For example: Esc, Ctrl+Q.</p>
	The note icon indicates information that is of special interest or importance, for example, an additional action required only in certain circumstances.
	The tip icon indicates an idea that could be useful, for example, a way to apply the information provided in the current section to achieve a specific result.
	The warning icon indicates the potential for a damaging situation, for example, data loss or corruption if certain steps are taken or not taken.

Connecting with TIBCO Resources

How to Join TIBCOCommunity

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

How to Access All TIBCO Documentation

After you join TIBCOCommunity, you can access the documentation for all supported product versions here:

<http://docs.tibco.com/TibcoDoc>

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.

Chapter 1 **Introduction**

This chapter provides an overview of the installer, the software requirement, and other options you should be aware of before starting the installation.

Topics

- [Installation Overview, page 2](#)
- [Installation Requirements, page 4](#)

Installation Overview

This section gives an overview of the installer.

Installation Modes

Three installation modes are available: GUI, console, and silent.

GUI Mode

In the GUI mode, the installer presents panels that allow you to make choices about product selection, product location, and so on. To invoke the installer in GUI mode, double-click the executable.

Console Mode

Console mode allows you to run the installer from the command prompt or terminal window. This is useful if your machine does not have a GUI environment.

Silent Mode

Silent mode installs the product using either default or custom settings that are saved in a response file. Silent mode installs the product without prompting you for information.

Installation Types

Two installation types are available: Profile or Custom.

- The Profile installation type installs all the software for a specific profile.
- The Custom installation type allows you to select components.

Installer Account

Microsoft Windows

You must have administrator privileges for the machine on which this product is installed. If you do not have administrator privileges, the installer exits. You must then log out of the system and log in as a user with the required privileges, or request your system administrator to assign the privileges to your account.

If you intend to install the product on a network drive, ensure that the account used for installation has permission to access the network drive.

UNIX

Any user can install this product.

- Regular (non-root) user
- Super-user (root).

While installing this product on UNIX platforms, ensure that the same installer account is used to install all TIBCO <Family> products.

A graphic environment such as CDE or X Windows is required to run the installer in GUI mode.

Installer Log File

The installer log file, `tibco_universal_installer.username_install.log`, is written to the `.TIBCO/install_timestamp` folder of the user's home directory. To change the location of the installer log file, specify the option `-v logFile="myLogFile"` when you run the installer.

Installation Requirements

This section describes the disk space requirements, system memory requirements, software requirements, and supported platforms for this product.

Disk Space Requirements

Before installing this product, extract the contents of the installation archive to a temporary directory. The installer files consume up to 51 MB of disk space.

Temporary Disk Space Required by the Installer

The installer requires at least 115 MB of free space in the temporary directory. On Microsoft Windows, the temporary directory typically is:

```
%SystemDrive%\Documents and Settings\user_name\Local Settings\Temp.
```

If your system does not have sufficient disk space in the default temporary area, you can run the installer with a different temporary directory by using the following option when starting the installer:

```
-is:tempdir /new_temp
```

where */new_temp* has sufficient free disk space.

The installer calculates the disk space required in the product home location for the selected components. The calculation is done before the actual installation (copying of files to the system) begins. The installer will proceed only if sufficient free disk space is available in the product home location.

However, if disk space is consumed by another process while the installer is copying the files, and if the required disk space is thereby reduced, the installer may fail and will then give a failure message.

While performing installation, avoid running other processes that consume disk space in the product home location.

Disk Space After Installation

This product can consume 16 MB of free space under *ftp HOME*.

System Memory Requirements

A minimum of 512 MB of physical memory is required.

Supported Platforms

Refer to the readme file for the supported platforms and versions and required patches.

Software Requirements

TIBCO Software

Before you install TIBCO BusinessConnect Plug-In for FTP Server, you must first install TIBCO BusinessConnect with all other products that are prerequisites for its installation.

See *TIBCO BusinessConnect Installation and Configuration* for details.

Chapter 2 **Installation**

This chapter explains how to install and uninstall this product.

Topics

- [Installation, page 8](#)
- [Uninstallation, page 12](#)

Installation

The following sections describe the installation process in the available installation modes:

- [GUI Mode, page 14](#)
- [Console Mode, page 16](#)
- [Silent Mode, page 17](#)

GUI Mode

To install this product in GUI mode,

1. Open the physical media or download the package.
2. Extract the contents of the package to a temporary directory.
3. Navigate to the temporary directory.
4. Run **TIBCOUniversalInstaller**. You can do so in one of the following ways:
 - Double-click the installer icon.
 - On the command prompt, provide the absolute path of the installer file on without specifying any options. The installer defaults to GUI mode.
5. Click the **Next** button on the Welcome dialog.
6. Read through the license text when the License Agreement dialog appears, select the **I Accept the Terms of the License Agreement** radio button and then click the **Next** button.
7. Select an installation profile from the list on the left. TIBCO Universal Installer provides the following installation profiles:

FTP Server Plug-in

If you want to have all components on the same machine, such as for testing, you can install all components:

- FTP Server Documentation
- FTP Server Runtime: Gateway, Interior Server

FTP Server Plug-in - Gateway

This profile is intended for installation on the Gateway machine. If you choose this installation profile, the following pre-selected components will be installed:

- FTP Server Runtime: Gateway

FTP Server Plug-in - Interior Server

This profile is intended for installation on the Interior Server. If you choose this installation profile, these components will be installed:

- FTP Server Documentation
- FTP Server Runtime: Interior Server

8. Click the **Next** button. The TIBCO Installation Home dialog displays.

An installation environment isolates product installations. A product installed into an installation environment does not access components in other installation environments. An installation environment consists of a name and path. You can choose a new environment or an existing environment.

- **Create a new** *TIBCO_HOME* To install the product into a new installation environment, specify the following properties:

Directory The directory into which the product is installed. Type a path or click **Browse** to specify the path or accept the default location.

The path cannot contain special characters such as "*", "#", "?", ">", "<", "%", "&", "\$", "\", or "|". The path cannot be the same as the path of an existing environment.

Name Identifies the installation environment. The name cannot contain special characters such as "*", "?", ">", "<", ":", "|", "/", "\", or quotation marks("").

The name is appended to the name of Windows services created by the installer and is a component of the path to the product in the Windows Start > All Programs menu.

- **Use an existing** *TIBCO_HOME* To install the product into an existing installation environment, select the environment from the drop-down list.

9. Click the **Next** button.
10. Verify the list of products selected for install in the Pre-Install Summary dialog.
11. Click the **Install** button to start the installation process.
12. Review the information listed in the Post-Install Summary dialog.
13. Click the **Finish** button to complete the installation process and exit the universal installer.

Console Mode

To install this product in console mode:

1. Open the physical media or download the package.
2. Extract the contents of the package to a temporary directory.
3. Using a console window, navigate to the temporary directory.
4. Run the following commands:

Windows:

TIBCOUniversalInstaller.exe -console

AIX:

TIBCOUniversalInstaller-aix.bin -console

HP UX:

TIBCOUniversalInstaller-hpux-ia64.bin -console

Linux:

TIBCOUniversalInstaller-lnx-x86.bin -console

Solaris Sparc:

TIBCOUniversalInstaller-sol-sparc.bin -console

Solaris X86 64:

TIBCOUniversalInstaller-sol-x86.bin -console

5. Complete the installation by responding to the console window prompts.

Silent Mode

In silent mode, the universal 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 no value is specified, the installer uses the default `TIBCOUniversalInstaller-bcftps.silent` file.

The `TIBCOUniversalInstaller.silent` file is packaged in the directory that contains the universal installer. Edit the file with information for your environment before launching the silent installation. The file includes comments that describe the installation properties you can set. While you can use the `TIBCOUniversalInstaller-bcftps.silent` file, it's good practice to copy the file to a different name and use that file for the silent install.

If errors occur during installation, they will be listed in the installation log file located in the `User_Home/.TIBCO` directory.

1. Open the physical media or download the package.
2. Extract the contents of the package to a temporary directory.

3. Using a console window, navigate to the temporary directory.
4. Make a copy of the `TIBCOUniversalInstaller-bcftp.silent` file and rename the file.
5. Using a text editor, open the copied file and update the install location and features to install.
6. Run the following:

Windows

```
TIBCOUniversalInstaller.cmd -silent -V  
responseFile="myfilename.silent"
```

UNIX

```
TIBCOUniversalInstaller.bin -silent -V  
responseFile="myfilename.silent"
```

Uninstallation

Uninstall Using the GUI

To uninstall this product on Windows:

1. Shut down all running TIBCO BusinessConnect applications.
2. Navigate to *TIBCO_HOME\tools\universal_installer* and run **TIBCOUniversalInstaller.exe**

or

select **Start>All Programs>TIBCO>Uninstall**.
3. Follow the steps as required by the Universal Installer Wizard.
4. Review the Post-Uninstall Summary and click the **Finish** button to exit the wizard.

Uninstall Using the Console Mode

To uninstall this product in Console mode:

1. Using a command window, navigate to the directory
TIBCO_HOME\tools\universal_installer .
2. Type the following command at the command prompt:

Windows:
TIBCOUniversalInstaller.exe -is:javaconsole -console

AIX:
TIBCOUniversalInstaller-aix.bin -is:javaconsole -console

HP UX:
TIBCOUniversalInstaller-hpux-ia64.bin -is:javaconsole -console

Linux:
TIBCOUniversalInstaller-lnx-x86.bin -is:javaconsole -console

Solaris Sparc:
TIBCOUniversalInstaller-sol-sparc.bin -is:javaconsole -console

Solaris X86 64:
TIBCOUniversalInstaller-sol-x86.bin -is:javaconsole -console
3. Complete the uninstallation by responding to the console window prompts.

Chapter 3 **Protocol Activation**

This chapter explains how to activate the installed TIBCO BusinessConnect Plug-In for FTP Server plug-in.

Topics

- [Activating the Installed Plug-In, page 14](#)

Activating the Installed Plug-In

After TIBCO BusinessConnect Plug-In for FTP Server on the host site is installed, it is activated like all other TIBCO BusinessConnect protocols.

To activate the Server, do the following:

1. Using TIBCO Administrator, select **BusinessConnect** and click **Manage**.
2. In the **Manage Installation** screen, select the **Protocol Plug-In Activation** tab.
3. Check the checkbox next to the GS-FTPS (BusinessConnect plug-in for FTP Server) and click **Activate**.

As after any other protocol activation, you will be automatically logged out of the system.

When you log in again, BusinessConnect plug-in for FTP Server will have the status **Activated**.

Verify Activated Protocols

To check that the protocol has been activated:

1. Click the **BusinessConnect** link in the left panel.
2. Click **System Settings>Activated Protocol Plug-ins and Properties**.
3. Verify that **GS-FTPS** is listed in the Plug-in column.

Protocol Deployment

Before TIBCO BusinessConnect Plug-In for FTP Server can be used in B2B transactions, it must be deployed.

To deploy the TIBCO BusinessConnect Plug-In for FTP Server that has just been installed, you must deploy TIBCO BusinessConnect (even it has been previously deployed).

Before deploying TIBCO BusinessConnect, you must first create a deployment configuration. See *TIBCO BusinessConnect Interior Server Administration Guide* for information on how to create a deployment configuration.

If TIBCO BusinessConnect is already deployed, undeploy it and deploy again.

To deploy TIBCO BusinessConnect, do the following:

1. In TIBCO Administrator, click the **Application Management > BusinessConnect > Configuration** link in the left panel.
2. Click the **Deploy** button in the right panel.
3. Click **OK**.

Deployability is now *Synchronized* and Deployment Status is *Success*, indicating that the instance is now deployed.

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