

TIBCO BusinessConnect™ Plug-in for FTP Server

Release Notes

*Software Release 1.0.1
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Preface

TIBCO BusinessConnect™ Plug-in for FTP Server provides both plain and secure access for trading partners, so that the external users associated with these trading partners can log on and perform simple file uploads and downloads.

Topics

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

Related Documentation

This section lists documentation resources you might find useful.

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 manual for instructions on installing and configuring TIBCO BusinessConnect Plug-in for FTP Server.
- *TIBCO BusinessConnect Plug-in for FTP Server User's Guide* Read this manual for instructions on how to manage TIBCO BusinessConnect Plug-in for FTP Server.
- *TIBCO BusinessConnect Plug-in for FTP Server Release Notes* Read this release notes for a list of new and changed features. This document also contains lists of known issues and closed issues for this release.

TIBCO BusinessConnect Documentation

The following documents form the TIBCO 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 to administer, operate, and manage TIBCO BusinessConnect interior server.
- *TIBCO BusinessConnect™ Gateway Server Administration*: read this guide in 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 by 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 might find it useful to read the documentation for the following TIBCO products, which might be used or integrated with TIBCO BusinessConnect:

- **TIBCO Administrator™** software: this software is used to manage users, machines, and applications defined in a TIBCO Administration domain. You can deploy, monitor, start, and stop TIBCO applications in the TIBCO Administrator graphical user interface.
- **TIBCO ActiveMatrix BusinessWorks™** software: this software is a scalable, extensible, and easy-to-use integration platform by using which you can develop integration projects. TIBCO BusinessWorks includes a graphical user interface (GUI) for defining business processes and an engine that executes these 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 includes two main components, including the Rendezvous programming language interface (API) in several languages, and the Rendezvous daemon. Programs running on many different kinds of computers on a network can communicate seamlessly by using this product.
- **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>ftps_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>ftps_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>ftps_HOME</i>. The default value of <i>ftps_HOME</i> depends on the operating system. For example, on Windows systems, the default value is</p> <p>C:\tibco\bc\version\protocols\ftps.</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. 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 <http://www.tibcommunity.com>.

How to Access TIBCO Documentation

Documentation for this and other TIBCO products is available on the TIBCO Documentation site:

<https://docs.tibco.com>

Documentation on the TIBCO Documentation site is updated more frequently than any documentation that might be included with the product. To ensure that you are accessing the latest available help topics, visit us at <https://docs.tibco.com>.

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.

Release Notes

Check the TIBCO Product Support web site at <https://support.tibco.com> for product information that was not available at release time. Entry to this site requires a user name and password. If you do not have a user name, you can request for one. You must have a valid maintenance or support contract to use this site.

Topics

- [New Features, page 2](#)
- [Changes in Functionality, page 3](#)
- [Deprecated and Removed Features, page 4](#)
- [Migration and Compatibility, page 5](#)
- [Closed Issues, page 8](#)
- [Known Issues, page 9](#)

New Features

The following feature has been added to version 1.0.1 of TIBCO BusinessConnect Plug-in for FTP Server.

Support Installing the Product in Higher BusinessConnect Environment

From this release on, TIBCO BusinessConnect Plug-in for FTP Server can be installed in any higher version of BusinessConnect environment without the requirement of running an extra tool.

You can find the full product installation in this service pack, and TIBCO BusinessConnect Plug-in for FTP Server 1.0.0 is not required as dependency.

Support for Sun Solaris 10 64-bit on SPARC

This release adds support for the platform of Sun Solaris 10 64-bit on SPARC.



TIBCO BusinessConnect Plug-in for FTP Server 1.0.1 is based on TIBCO BusinessConnect™ 6.2.0 Hotfix 001.

Changes in Functionality

There are no changes in functionality in version 1.0.1 of TIBCO BusinessConnect Plug-in for FTP Server.

Deprecated and Removed Features

The following table lists the feature that has been removed in version 1.0.1 of TIBCO BusinessConnect Plug-in for FTP Server.

Removed Features

Affected Component	Description	Deprecated in Release	Removed in Release
Supported platforms of Microsoft Windows Server	The supported platforms of Microsoft Windows Server 2003, 2003 R2, 2008 32-bit on x86 are removed in this release.	1.0.1	1.0.1
Supported platform of Sun Solaris 10 32-bit on SPARC	The supported platform of Sun Solaris 10 32-bit on SPARC is removed in this release.	1.0.1	1.0.1

Migration and Compatibility

The following are instructions on how to migrate from a previous release to version 1.0.1 of TIBCO BusinessConnect Plug-in for FTP Server.

Migrating from Release 1.0.0



TIBCO BusinessConnect Plug-in for FTP Server 1.0.1 is based on TIBCO BusinessConnect 6.2.0 Hotfix 001.

To migrate from TIBCO BusinessConnect Plug-in for FTP Server version 1.0.0 to 1.0.1, complete the following steps:

1. While TIBCO BusinessConnect Plug-in for FTP Server 1.0.0 is still installed, export the installation configuration file in TIBCO Administrator.
 - a. Log on to TIBCO Administrator.
 - b. In the left panel, click **BusinessConnect**.
 - c. In the right panel, click **Manage**.
 - d. In the **Management** area, click **Export** next to **Import and Export**.
 - e. Click **Export** and wait for the export process to be completed. Setting the password is optional.
 - f. After the export process is completed, click **Download**, and then save the exported .csx file to a desired location.
2. Remove the FTPS service from Gateway Services.
 - a. Click **BusinessConnect > Gateway > Gateway Instances**, select the instance, and then click **Stop**.
 - b. Click **Manage**. Select the FTPS service, and then click **Remove**.
 - c. Click **BusinessConnect > Gateway > Gateway Services**, select the FTPS service, and then click **Delete**.
3. Stop all TIBCO BusinessConnect engines.

4. Deactivate TIBCO BusinessConnect Plug-in for FTP Server version 1.0.0 from TIBCO Administrator.
 - a. In the left panel, click **BusinessConnect**.
 - b. In the right panel, click **Manage**.
 - c. Click the **Protocol Plug-in Activation** tab, select the **GS-FTPS** check box, and then click **Deactivate**. You are logged off automatically.
5. Log on to TIBCO Administrator again, and then undeploy TIBCO BusinessConnect and delete the existing TIBCO BusinessConnect application.
6. Uninstall TIBCO BusinessConnect Plug-in for FTP Server version 1.0.0 from all machines under this TIBCO Administrator domain.
7. Ensure that the appropriate version of TIBCO BusinessConnect is installed.
 To upgrade to TIBCO BusinessConnect 6.2.0 Hotfix 001, see the "Migration and Compatibility" section in *TIBCO BusinessConnect Release Notes* of software release 6.2.0 or later.
8. Restart TIBCO Hawk and TIBCO Administrator.
9. Expand **Resource Management > Installed Software** in TIBCO Administrator to verify that the appropriate version of TIBCO BusinessConnect is installed.
10. Install TIBCO BusinessConnect Plug-in for FTP Server version 1.0.1.
11. Log on to TIBCO Administrator.
 - a. In the left panel, click **BusinessConnect**.
 - b. In the right panel, click **Manage**.
 - c. Configure the JDBC settings to connect to your previous configuration store.
 - d. Click **Save**, **Create**, or **Initiate** as needed:
 - If you want to update TIBCO BusinessConnect Plug-in for FTP Server version to 1.0.1 without updating your existing TIBCO BusinessConnect version, click **Save**.
 - If your exiting TIBCO BusinessConnect version is 6.2.0, click **Create** to create installation.
 - If your exiting TIBCO BusinessConnect version is 6.2.1 or later, click **Initialize** to create installation.

Then, you are logged off automatically.
12. Log on to TIBCO Administrator again.
13. Activate TIBCO BusinessConnect Plug-in for FTP Server 1.0.1.

14. Verify that TIBCO BusinessConnect Plug-in for FTP Server version 1.0.0 is not displayed either under **Resource Management > Installed Software** or under **Application Management > All Service Instances > machine-TIBCO Administrator > Plug-Ins** in TIBCO Administrator.
15. Import the .csx file you saved in [step 1](#).
16. Create and deploy the TIBCO BusinessConnect application.
17. Verify that the configurations made in the original environment are now available in the new environment.

Closed Issues

The table lists closed issues in version 1.0.1 of TIBCO BusinessConnect Plug-in for FTP Server.

Key	Summary
FTPS-158	<p>The IP addresses of inbound requests could not be saved in the database of TIBCO BusinessConnect.</p> <p>Note: TIBCO BusinessConnect version 6.2.1 or later is required to fix this issue.</p>
FTPS-156	<p>SSLv3 could not be disabled for connections with TIBCO BusinessConnect Plug-in for FTP Server.</p> <p>Note: TIBCO BusinessConnect version 6.2.1 or later is required to fix this issue.</p>
FTPS-147	<p>The BusinessConnect FTP server did not support changing the password that was saved in the database of TIBCO BusinessConnect by using the FTP SITE command.</p> <p>This can be accomplished using the FTP SITE command with arguments <code>PWDCHNG <new password></code>.</p> <p>This is applicable only when the user credentials are stored in BCDB.</p>
FTPS-146	<p>The BusinessConnect FTP server did not support SSL Client Authentication (CA) when using secure gateway service.</p> <p>Client Authentication for secure FTPS is enforced via the newly introduced flag "Enable Client Authentication for SSL/TLS" at the gateway service level. When checked, all connecting clients to the service will have to present a valid certificate as part of the SSL handshake that will be validated upon the login against the certificates that have been uploaded on the partner corresponding to the login user.</p>
FTPS-143	<p>The BusinessConnect FTP server did not support using only the user name without the trading partner name to log on to it.</p> <p>With this enhancement the trading partner name is optional in the login user id.</p>

Key	Summary
FTPS-141	<p>In FTP passive mode, when there was a Jump Server in front of the BusinessConnect gateway server, the returned IP address could not be used to connect to the FTPS server successfully on the client side.</p> <p>A new Passive External Address field is added to the FTPS service configuration page. When this external IP address is specified, it can be used to connect to the FTPS server on the client side in FTP passive mode.</p>

Known Issues

The table lists known issues in version 1.0.1 of TIBCO BusinessConnect Plug-in for FTP Server.

Key	Summary/Workaround
FTPS-130	<p>Summary: When the default host is changed in TIBCO Administrator at BusinessConnect>System Settings while the TIBCO BusinessConnect interior server is running and the gateway server is running with the FTP gateway service started on a gateway instance, the FTP gateway service must be restarted so that the new update for the default host can take effect.</p> <p>Workaround: None.</p>
FTPS-116	<p>Summary: If TIBCO BusinessConnect Plug-in for FTP Server is on AIX platform and the SSL_ONLY transport mode is requested from the TIBCO BusinessConnect FTP_GET client, data connections cannot be established because SSLv3 is not supported by AIX.</p> <p>Workaround: None.</p>
FTPS-113	<p>Summary: When you log on to the BusinessConnect FTP server and the operation name is changed in TIBCO Administrator, the server does not throw a proper error.</p> <p>Workaround: You have to go to the root directory, or log off and log on again.</p>
FTPS-90	<p>Summary: When TIBCO ActiveMatrix BusinessWorks 5.8.0 is installed, the uninstallation of TIBCO BusinessConnect Plug-in for FTP Server requires that TIBCO BusinessConnect™ Services Plug-in be uninstalled as well.</p> <p>Workaround: Uninstall TIBCO BusinessConnect Services Plug-in as well.</p>
FTPS-87	<p>Summary: When multiple users from the same trading partner try to download the same file simultaneously, only the first user can download the file.</p> <p>Workaround: None.</p>
FTPS-76	<p>Summary: When a file is not downloaded successfully from TIBCO BusinessConnect Plug-in for FTP Server, the audit log in TIBCO Administrator still shows that the download is completed.</p> <p>Workaround: None.</p>