



TIBCO BusinessConnect™

Release Notes

*Software Release 7.2.0
October 2019*

TIBCO®

Important Information

SOME TIBCO SOFTWARE EMBEDS OR BUNDLES OTHER TIBCO SOFTWARE. USE OF SUCH EMBEDDED OR BUNDLED TIBCO SOFTWARE IS SOLELY TO ENABLE THE FUNCTIONALITY (OR PROVIDE LIMITED ADD-ON FUNCTIONALITY) OF THE LICENSED TIBCO SOFTWARE. THE EMBEDDED OR BUNDLED SOFTWARE IS NOT LICENSED TO BE USED OR ACCESSED BY ANY OTHER TIBCO SOFTWARE OR FOR ANY OTHER PURPOSE.

USE OF TIBCO SOFTWARE AND THIS DOCUMENT IS SUBJECT TO THE TERMS AND CONDITIONS OF A LICENSE AGREEMENT FOUND IN EITHER A SEPARATELY EXECUTED SOFTWARE LICENSE AGREEMENT, OR, IF THERE IS NO SUCH SEPARATE AGREEMENT, THE CLICKWRAP END USER LICENSE AGREEMENT WHICH IS DISPLAYED DURING DOWNLOAD OR INSTALLATION OF THE SOFTWARE (AND WHICH IS DUPLICATED IN THE LICENSE FILE) OR IF THERE IS NO SUCH SOFTWARE LICENSE AGREEMENT OR CLICKWRAP END USER LICENSE AGREEMENT, THE LICENSE(S) LOCATED IN THE "LICENSE" FILE(S) OF THE SOFTWARE. USE OF THIS DOCUMENT IS SUBJECT TO THOSE TERMS AND CONDITIONS, AND YOUR USE HEREOF SHALL CONSTITUTE ACCEPTANCE OF AND AN AGREEMENT TO BE BOUND BY THE SAME.

ANY SOFTWARE ITEM IDENTIFIED AS THIRD PARTY LIBRARY IS AVAILABLE UNDER SEPARATE SOFTWARE LICENSE TERMS AND IS NOT PART OF A TIBCO PRODUCT. AS SUCH, THESE SOFTWARE ITEMS ARE NOT COVERED BY THE TERMS OF YOUR AGREEMENT WITH TIBCO, INCLUDING ANY TERMS CONCERNING SUPPORT, MAINTENANCE, WARRANTIES, AND INDEMNITIES. DOWNLOAD AND USE OF THESE ITEMS IS SOLELY AT YOUR OWN DISCRETION AND SUBJECT TO THE LICENSE TERMS APPLICABLE TO THEM. BY PROCEEDING TO DOWNLOAD, INSTALL OR USE ANY OF THESE ITEMS, YOU ACKNOWLEDGE THE FOREGOING DISTINCTIONS BETWEEN THESE ITEMS AND TIBCO PRODUCTS.

This document is subject to U.S. and international copyright laws and treaties. No part of this document may be reproduced in any form without the written authorization of TIBCO Software Inc.

TIBCO, the TIBCO logo, the TIBCO O logo, TIB, Information Bus, TIBCO ActiveMatrix BusinessWorks, TIBCO Administrator, TIBCO Designer, TIBCO Hawk, TIBCO Rendezvous, and TIBCO Runtime Agent are either registered trademarks or trademarks of TIBCO Software Inc. in the United States and/or other countries.

Java and all Java based trademarks and logos are trademarks or registered trademarks of Oracle Corporation and/or its affiliates.

All other product and company names and marks mentioned in this document are the property of their respective owners and are mentioned for identification purposes only.

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. See the readme file for the availability of this software version on a specific operating system platform.

THIS DOCUMENT IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT.

THIS DOCUMENT COULD INCLUDE TECHNICAL INACCURACIES OR TYPOGRAPHICAL ERRORS. CHANGES ARE PERIODICALLY ADDED TO THE INFORMATION HEREIN; THESE CHANGES WILL BE INCORPORATED IN NEW EDITIONS OF THIS DOCUMENT. TIBCO SOFTWARE INC. MAY MAKE IMPROVEMENTS AND/OR CHANGES IN THE PRODUCT(S) AND/OR THE PROGRAM(S) DESCRIBED IN THIS DOCUMENT AT ANY TIME.

THE CONTENTS OF THIS DOCUMENT MAY BE MODIFIED AND/OR QUALIFIED, DIRECTLY OR INDIRECTLY, BY OTHER DOCUMENTATION WHICH ACCOMPANIES THIS SOFTWARE, INCLUDING BUT NOT LIMITED TO ANY RELEASE NOTES AND "READ ME" FILES.

This and other products of TIBCO Software Inc. may be covered by registered patents. Please refer to TIBCO's Virtual Patent Marking document (<https://www.tibco.com/patents>) for details.

Copyright © 2001-2019. TIBCO Software Inc. All Rights Reserved.

Contents

Preface	v
Related Documentation	vi
TIBCO BusinessConnect Documentation	vi
Other TIBCO Product Documentation	vi
Typographical Conventions	viii
TIBCO Product Documentation and Support Services	xi
How to Access TIBCO Documentation	xi
How to Contact TIBCO Support	xi
How to Join TIBCO Community	xi
Release Notes	1
New Features	2
Changes in Platform Support	3
Changes in Functionality	4
Deprecated and Removed Features	5
Deprecated Features	5
Removed Features	5
Migration and Compatibility	6
Migrating from Release 6.3.x, 6.4.x, or 7.x	6
Closed Issues	11
Known Issues	12

Preface

TIBCO BusinessConnect™ software is a business-to-business (B2B) gateway that your company can use to engage in electronic commerce with your business partners.

Topics

- [Related Documentation](#), page vi
- [Typographical Conventions](#), page viii
- [TIBCO Product Documentation and Support Services](#), page xi

Related Documentation

This section lists documentation resources you may find useful.

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 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 the release notes for a list of new and changed features. This document also contains lists of known issues and closed issues for this release.

Other TIBCO Product Documentation

You may find it useful to read the documentation for the following TIBCO products:

- **TIBCO Administrator™**: This 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™**: This software is a scalable, extensible, and easy to use integration platform that allows you to develop integration projects. TIBCO ActiveMatrix BusinessWorks includes a graphical user interface (GUI) for defining business processes and an engine that executes the process.
- **TIBCO Designer™**: 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™: 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™: This software provides a message service that enables integration of applications within an enterprise based on the Java Message Service (JMS) specification. This software is a prerequisite for other TIBCO software products.
- TIBCO BusinessEvents®: This software helps companies identify and quantify the impact of events; it notifies people and systems about meaningful events so processes can be adapted on-the-fly. TIBCO BusinessEvents uses a unique model-driven approach to collect, filter, and correlate events and deliver real-time operational insight.
- TIBCO Hawk®: This software is a tool for monitoring and managing distributed applications and operating systems. The software is designed specifically for monitoring distributed systems, so there is no centralized console or frequent polling across the network.
- tibbr®, tibbr Service, tibbr Community, and tibbr Community Service: This software is the first workplace communication tool with which you can follow subjects that relate to your work and interests besides following people as you do in typical social networking applications. That way, you have much more flexibility in obtaining the right information at the right time in the right context. In fact, the information will find you.
- TIBCO BusinessConnect™ Palette: This software is about the resources available in the TIBCO BusinessConnect Palette for TIBCO ActiveMatrix BusinessWorks.

Typographical Conventions

The following typographical conventions are used in this manual.

Table 1 General Typographical Conventions

Convention	Use
<i>ENV_NAME</i>	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.
<i>TIBCO_HOME</i>	
<i>BC_HOME</i>	
	<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>TIBCO_HOME</i>. <p><i>TIBCO BusinessConnect</i> installs into a directory within a <i>TIBCO_HOME</i>. This directory is referenced in documentation as <i>BC_HOME</i>. The default value of <i>BC_HOME</i> depends on the operating system. For example, on Windows systems, the default value is <code>C:\tibco\bc\version</code>.</p>
code font	<p>Code font identifies commands, code examples, filenames, pathnames, and output displayed in a command window. For example:</p> <p>Use <code>MyCommand</code> 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, <code>MyCommand</code> is enabled: <code>MyCommand [enable disable]</code>

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 BusinessConnect 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 names 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.

Table 2 Syntax Typographical Conventions

Convention	Use
[]	<p>An optional item in a command or code syntax.</p> <p>For example:</p> <p><code>MyCommand [optional_parameter] required_parameter</code></p>
	<p>A logical OR that separates multiple items of which only one may be chosen.</p> <p>For example, you can select only one of the following parameters:</p> <p><code>MyCommand para1 param2 param3</code></p>

Table 2 *Syntax Typographical Conventions (Cont'd)*

Convention	Use
{ }	<p>A logical group of items in a command. Other syntax notations may appear within each logical group.</p> <p>For example, the following command requires two parameters, which can be either the pair <code>param1</code> and <code>param2</code>, or the pair <code>param3</code> and <code>param4</code>.</p> <pre>MyCommand {param1 param2} {param3 param4}</pre> <p>In the next example, the command requires two parameters. The first parameter can be either <code>param1</code> or <code>param2</code> and the second can be either <code>param3</code> or <code>param4</code>:</p> <pre>MyCommand {param1 param2} {param3 param4}</pre> <p>In the next example, the command can accept either two or three parameters. The first parameter must be <code>param1</code>. You can optionally include <code>param2</code> as the second parameter. And the last parameter is either <code>param3</code> or <code>param4</code>.</p> <pre>MyCommand param1 [param2] {param3 param4}</pre>

TIBCO Product Documentation and Support Services

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

How to Access TIBCO Documentation

Documentation for TIBCO products is available on the TIBCO Product Documentation website mainly in the 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>.

Documentation for TIBCO BusinessConnect is available on the <https://docs.tibco.com/products/tibco-businessconnect> Product Documentation page.

How to Contact TIBCO Support

You can contact TIBCO Support in the following ways:

- For an overview of TIBCO Support, and information about getting started with 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

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 <https://community.tibco.com>.

Release Notes

The release notes list the major updates in version 7.2.0 of the product. For information about an earlier version, see the release notes provided with the corresponding version. In addition, it also includes the migration procedures.

Topics

- [New Features, page 2](#)
- [Changes in Platform Support, page 3](#)
- [Changes in Functionality, page 4](#)
- [Deprecated and Removed Features, page 5](#)
- [Migration and Compatibility, page 6](#)
- [Closed Issues, page 11](#)
- [Known Issues, page 12](#)

New Features

The following feature has been added in this release of TIBCO BusinessConnect.

Support for Oracle Database 18c and 19c

TIBCO BusinessConnect now supports Oracle database 18c and 19c.

Changes in Platform Support

Supported platforms are not affected in this release. For a complete list of supported platforms, see the Readme file.

Changes in Functionality

The following functionality and feature has been changed in this release of TIBCO BusinessConnect.

Change in Security Provider

The Entrust security provider has now been replaced with the BouncyCastle security provider in TIBCO BusinessConnect.

Deprecated and Removed Features

The following features have been deprecated or removed as of this release of TIBCO BusinessConnect.

When relevant, useful alternatives to the deprecated features are listed. As a deprecated feature can be removed in a future release, you must plan for discontinuing the use of the feature and avoid creating new dependencies that use the deprecated feature.

Deprecated Features

No features are deprecated in this release.

Removed Features

Affected Component	Description	Deprecated in Version	Removed in Version
Microsoft Windows Server 2008 and 2008 R2	This version of the product no longer supports Microsoft Windows Server 2008 and 2008 R2.	N/A	7.2.0

Migration and Compatibility

The following information provides migration procedures for this release of TIBCO BusinessConnect.



Before installing TIBCO BusinessConnect 7.2.0, ensure that you stop all running TIBCO processes, such as TIBCO Hawk and TIBCO Administrator, because an updated JRE version 1.8.0 is part of the installation package. If any TIBCO processes are running, the installer issues a warning to stop the processes.

Migrating from Release 6.3.x, 6.4.x, or 7.x

To migrate data from TIBCO BusinessConnect 6.3.x, 6.4.x, or 7.x perform the following tasks:

- [Task A, Exporting the Old Configuration](#)
- [Task B, Exporting Domain Security Privileges](#)
- [Task C, Removing Old Applications](#)
- [Task D, Uninstalling TIBCO BusinessConnect 6.3.x, 6.4.x, or 7.x and Existing Protocols](#)
- [Task E, Installing and Configuring TIBCO BusinessConnect 7.2.0](#)
- [Task F, Importing Previously Exported Domain Security Privileges](#)
- [Task G, Importing the Old Configuration to Trigger Migration](#)
- [Task H, Upgrading the Other Database Schemas](#)

Task A Exporting the Old Configuration

1. Perform the following steps to export the existing TIBCO BusinessConnect 6.3.x, 6.4.x, or 7.x configuration by using TIBCO Administrator GUI:
 1. Log in to TIBCO Administrator. Click **BusinessConnect** in the left panel, and then click **Manage** in the right panel.
 2. In the **Management** area of the Manage Installation dialog, click **Export**.
 3. (Optional) In the Configuration Data Export dialog, click **set** to set a password to protect the exported data.
 4. Click **Export** to export the existing configuration.
Do not exit until the export process is successfully completed.
5. Click **Download**.

You are prompted to confirm that you want to download the *InstallationName.csx* file and to specify where the file is to be saved.

The exported configuration is secure and can be imported into TIBCO BusinessConnect 7.2.0 as outlined in the following steps.

Task B Exporting Domain Security Privileges

Export the domain security privileges along with ACL. Perform this task if either of the following conditions apply to your implementation:

- TIBCO Runtime Agent or TIBCO Administrator is upgraded.
- Data is migrated from one domain to another.

For more information, see *TIBCO Runtime Agent Domain Utility User's Guide*.

If the domain data remains in the same domain after the upgrade, proceed to [Task C, Removing Old Applications](#).

Task C Removing Old Applications

Perform the following steps to remove old applications:

1. Undeploy any existing TIBCO BusinessConnect applications.

For more information regarding undeployment, see *TIBCO BusinessConnect Interior Server Administration*, "Removing TIBCO BusinessConnect."

2. Delete TIBCO BusinessConnect applications.

For more information regarding removing the application, see *TIBCO BusinessConnect Interior Server Administration*, "Removing TIBCO BusinessConnect."

Task D Uninstalling TIBCO BusinessConnect 6.3.x, 6.4.x, or 7.x and Existing Protocols

To uninstall TIBCO BusinessConnect 6.3.x, 6.4.x, or 7.x and existing protocols, perform the following steps:

1. Stop all running TIBCO processes, such as TIBCO Hawk and TIBCO Administrator.
2. Uninstall TIBCO BusinessConnect 6.3.x, 6.4.x, or 7.x and existing protocols.

For information about uninstalling TIBCO BusinessConnect 6.3.x, 6.4.x, or 7.x see *TIBCO BusinessConnect Installation and Configuration*, "Uninstallation." For information about uninstalling existing protocols, see the installation guide of each protocol.



Ensure that the BC-HOME directory is deleted. If it still exists, you must manually delete it.

- Restart TIBCO Administrator and TIBCO Hawk.

Task E Installing and Configuring TIBCO BusinessConnect 7.2.0

To install TIBCO BusinessConnect 7.2.0 and appropriate protocols, perform the following steps:



After installing TIBCO BusinessConnect 7.2.0, if you want to use TIBCO BusinessConnect security features, you must install the Unlimited Strength JCE Policy files. For more information regarding the installation of the Unlimited Strength JCE Policy files, see *TIBCO BusinessConnect Installation and Configuration*.

- Install TIBCO BusinessConnect 7.2.0.
For more information, see *TIBCO BusinessConnect Installation and Configuration*.
- Install the appropriate protocols.
For more information, see the documentation of each protocol.
To perform migration from TIBCO BusinessConnect 6.3.x, 6.4.x, or 7.x to 7.2.0, the systems must contain an identical set of protocols.
- Configure the TIBCO BusinessConnect 7.2.0 installation.
This operation upgrades the configuration store database schemas. For more information, see *TIBCO BusinessConnect Installation and Configuration*, Chapter 3, "Postinstallation."
- After the installation is configured, activate the protocols.
For more information, see the documentation of each protocol.

Task F Importing Previously Exported Domain Security Privileges

If the domain security privileges were exported as in [Task B, Exporting Domain Security Privileges](#), import them back to TIBCO Administrator.

For more information, see *TIBCO Runtime Agent Domain Utility User's Guide*.

Task G Importing the Old Configuration to Trigger Migration

To import the saved old installation, perform the following steps:

1. Click **BusinessConnect** in the left panel, and then click **Manage** in the right panel.
 2. In the **Management** area of the Manage Installation dialog, click **Import**.
 3. In the Configuration Data Import dialog, click **change**.
 4. In the Change File dialog, click **Browse** to specify where the *InstallationName.csx* file was saved. Click **OK**.
 5. If the configuration file is saved with a password, enter that password.
 6. Click **Import**.
 7. When the Configuration Import dialog is displayed, click **OK** to import the exported data.
- The migration process starts and the configuration store data is imported.



Do not exit this process while data is being imported. It is important to wait until this process is completed. If the data import process is interrupted for any reason, the system might be left in an unpredictable state. In this case, you have to recreate the installation and perform a new import operation.

Task H Upgrading the Other Database Schemas

After importing the old configuration, upgrade the other database schemas.

The following logs and runtime databases schemas are required to be upgraded:

- Audit Schemas, which are used to store audit information.
- Non-Repudiation Schemas, which are used to store non-repudiation information.
- Runtime Schemas, which are used by the TIBCO BusinessConnect runtime engine.

The migration code upgrades schemas if all of the following conditions are met:

- The database specified in TIBCO BusinessConnect 7.2.0 configuration is started and is running.
- The user schema privileges are appropriate.
- Old database schemas are not removed.
- The audit, non-repudiation, and runtime handles are not different from the configuration store handle.

If any of these requirements are not met, you have to create the schema tables manually.

If one or more requirements for upgrading the other database schema tables are not met, you have to update tables for audit logs, non-repudiation logs, or runtime manually by performing the following steps:

1. In TIBCO Administrator, expand **BusinessConnect > System Settings > Audit, Non-Repudiation and Runtime Database Configuration**.
2. From the **Target Table Type** list, select the table type to upgrade:
 - **Audit Log**
 - **Non Repudiation Log**
 - **Runtime Data Store**
3. Click **Create**.
4. In the Table Creation dialog:
 - Click **Create** to remove existing tables and recreate them.
 - Click **Update** to update tables with incremental changes.
5. Click **OK**.

After the other database schemas are upgraded, the whole migration process is completed.

Closed Issues

The following issues have been fixed in this release of TIBCO BusinessConnect.

Key	Summary
BC-10504	After a successful migration of TIBCO BusinessConnect from version 6.x.x to version 7.0.0, the FTP scripts failed to view or download.
BC-8806	When you tried to perform the Update from Configuration Store operation from the BusinessConnect Connection shared resource in TIBCO Designer, if TIBCO BusinessConnect Palette 6.2.0 was installed in the TIBCO BusinessConnect 6.4.0 or higher environment, the BusinessConnect version mismatch error occurred.
BC-8326	TIBCO BusinessConnect could not support the custom headers for both HTTP and AS2 HTTP transports.

Known Issues

The following issues exist in this release of TIBCO BusinessConnect.

Key	Summary/Workaround
BC-10423	<p>Summary: When you send an EMAIL transaction for EZComm protocol enabled either for encryption or compression, or both, with signed Request Receipt, "MIC Mismatch Error" occurs.</p> <p>Workaround: None</p>
BC-10416	<p>Summary: The signing verification fails for the asynchronous transaction in EZComm protocol, when you send encryption and compression together with an EMAIL transport.</p> <p>Workaround: None</p>
BC-10284	<p>Summary: The deeplink URL or shared reports are neither copied nor displayed on Internet Explorer browser.</p> <p>Workaround: Open the deeplink URL or shared reports by using Mozilla Firefox browser or Google Chrome browser.</p>
BC-10276	<p>Summary: TIBCO BusinessConnect does not support CAST128-CBC and HMAC_RIPEMD160 ciphers for SSHFTP protocol.</p> <p>Workaround: None</p>
BC-10258	<p>Summary: When you try to migrate TIBCO BusinessConnect using Oracle database from versions 6.4.0 or 7.0.0 to version 7.2.0, database initialization fails and displays "Insufficient Privileges" error message. After you provide required privileges and initialize the database, "Datastore creation Failed" error message is displayed on Create Installation page and "Installation Created successfully. Please Log off and Login again" message is displayed on Manage Installation page instead of logging off directly.</p> <p>Workaround: None</p>
BC-10250	<p>Summary: When you click Cancel on Edit InterComponent Communication Settings Intercomponent DMZ-JMS Settings (Optional) tab, without making any changes and then click Save on Edit Application Configuration, the state of the BusinessConnect configuration changes to deployable state.</p> <p>Workaround: None</p>
BC-10240	<p>Summary: After execution of the bcappmanage commands, exception occurs on navigating to the left panel of the TIBCO Administrator.</p> <p>Workaround: Restart TIBCO Administrator.</p>

Key	Summary/Workaround
BC-10080	<p>Summary: By default, Email Transport is displayed under Partners with Inbound Transports configured custom Reports, even if Email inbound transport is enabled or disabled under Allowed Inbound Transports for Partner in Business Agreement.</p> <p>Workaround: None.</p>
BC-10076	<p>An error message "java.lang.OutOfMemoryError: Java heap space" is displayed under Deploy Configuration tab when heap size memory allocated in tibcoadmin_<domainname>.tra file is 512m.</p> <p>Workaround: Add <code>java.heap.size.max=1024m</code> in the tibcoadmin_<domainname>.tra file located in the <code>TIBCO_HOME/administrator/domain/<domainname>/bin</code> directory.</p>
BC-10073	<p>Summary: When loading an entire dataset, latency is observed in the Transactions Summary report.</p> <p>Workaround: None.</p>
BC-9660	<p>Summary: An error message, "java.lang.NullPointerException" is displayed for Operations Vs Transactions and Top 10 Partners reports when the max heap size in the tibcoadmin_<domainname>.tra file is less or if TIBCO Administrator does not pick up the Jasper license file.</p> <p>Workaround 1: Increase the max heap size in the tibcoadmin_<domainname>.tra file.</p> <p>Workaround 2: Add <code>java.property.com.jaspersoft.jasperreports.license.location=<user-home-License-folder>/jasperreports.license</code> in the admin.tra file located in the <code>TIBCO_HOME/administrator/domain/<domainname>/bin</code> directory.</p> <p>Note: The second workaround is applicable only if the license file is missing or if an error message, "Jasper license is missing" is displayed.</p>
BC-9576	<p>Summary: From version 7.0.0, the Secure Sockets Layer (SSL) connection with TIBCO Enterprise Message Service is supported only for version 8.4.0 and above.</p> <p>Workaround: None.</p> <p>Note: Add <code>java.property.Config.SecurityVendor=j2se</code> to the designer.tra file located in the <code>TIBCO_HOME/designer/version/bin</code> directory for private process JMS connection and Intercomponent and Private Process JMS test connection.</p>
BC-9270	<p>Summary: When the responder fails to send a response to the initiator because of connection failures, the responder BusinessConnect server fails to recognize the failure and sends a positive responder ACK with a status code 200 and status message OK to the private process.</p> <p>Workaround: None.</p>

Key	Summary/Workaround
BC-8730	<p>Summary: When you create an external user in TIBCO Administrator GUI under the BusinessConnect > System Management > Users > External tab, if you enable any gateway service permissions and set the authentication source to the LDAP server for external users, the No Such Object LDAP error is thrown. However, the user is successfully created and stored in the LDAP server.</p> <p>Workaround: Before creating the external user, ensure that you configure a valid value for the <code>bc.ldap.rolebasedn.attribute</code> property that is located under BusinessConnect > System Settings > Activated Protocol Plug-ins and Properties > BC.</p>
BC-8729	<p>Summary: The external users that are manually created in the LDAP server or are created by a previous version of TIBCO BusinessConnect are not displayed in TIBCO Administrator GUI under the BusinessConnect > System Management > Users > External tab.</p> <p>Workaround: Log in to the LDAP server, and then add the <code>o</code> attribute and set the value of this attribute to the associated trading partner name for these external users.</p>
BC-8596	<p>Summary: User Management under BusinessConnect fails to update automatically.</p> <p>Workaround: None</p>
BC-8302	<p>Summary: The sample certificate used to connect to the Gmail SMTP server can expire occasionally depending on the Gmail service.</p> <p>Workaround: Download a new Gmail server certificate.</p>
BC-8262	<p>Summary: The audit log of the UNPACKAGE_MSG state is not present for inbound PGP packaged files by using the SSHFTP transport, when a script is specified for retrieving and un-packaging the files.</p> <p>Workaround: None.</p>
BC-8141	<p>Summary: Inbound messages sent by using FTPS, SSHFTP or TIBCO PartnerExpress plug-ins are not counted to the InboundReceived count in TIBCO Hawk monitoring of Gateway Servers. This can only be resolved in the new release of each plug-in.</p> <p>Workaround: None.</p>
BC-7903	<p>Summary: If you use the TIBCO BCAppManage tool to create a deployment, the BusinessConnect tab is not displayed on the Application Management > BusinessConnect > Configuration > BusinessConnect link > Edit Application Configuration page. You can also see null pointer exceptions if you select BusinessConnect in the left panel and click Manage in the installation section.</p> <p>Workaround: Restart TIBCO Administrator.</p>

Key	Summary/Workaround
BC-7831	<p>Summary: When using the TIBCO BAppManage tool to import .csx configuration files, Java class-loading errors are displayed occasionally after the import operation is completed in TIBCO Administrator.</p> <p>Workaround: Restart TIBCO Administrator.</p>
BC-7818	<p>Summary: If you delete a tibbr subject in TIBCO BusinessConnect at the trading partner level, TIBCO BusinessConnect does not post messages to valid system level tibbr subjects. This behavior occurs because of the way TIBCO BusinessConnect interacts with the tibbr API.</p> <p>Workaround: None.</p>
BC-7776	<p>Summary: Signed multiple attachments sent by using the AS1 email are not verified by TIBCO BusinessConnect.</p> <p>Workaround: None.</p>
BC-7742	<p>Summary: If you attempt to save a tibbr subject that has been deleted in either BusinessConnect > System Settings > Visibility > tibbr or BusinessConnect > Participants > Edit Participant > Visibility, an error message is displayed. This is because tibbr subject names must be unique. After a subject is created in tibbr, it cannot be recreated, even if you have deleted it. tibbr retains subjects internally to preserve old messages posted to that subject.</p> <p>Workaround: Use a different subject name.</p>
BC-7608	<p>Summary: When the Host Logo field in the Host Partner Type option contains a file reference type to an image that is not reachable, then the imported host gets deactivated and disables the PartnerSelfService protocol if TIBCO BusinessConnect Trading Community Management is installed and activated.</p> <p>Workaround: Make sure that the Host Logo field has an image uploaded.</p>
BC-7604	<p>Summary: When TIBCO BusinessConnect Trading Community Management is installed in the TIBCO BusinessConnect environment and changes are made to Property Metadata Editor to make protocol specific properties be self-serviceable, these self-serviceable attributes are not exported.</p> <p>Workaround: To make the properties self-serviceable, you must enable them explicitly after importing the configuration.</p>
BC-7242	<p>Summary: When the Email transport is configured under BusinessConnect > System Settings > Inbound Public Transport Types, the setup under Application Management > BusinessConnect > Configuration must be changed and saved for the Email transport to work after redeployment.</p> <p>Workaround: The setup under Application Management > BusinessConnect > Configuration must be edited and saved.</p>

Key	Summary/Workaround
BC-7233	<p>Summary: After Gateway tokens are created and deployed, if the value in the Installation Name or Installation Prefix field is changed under BusinessConnect > System Settings > General, Gateway Server does not come up even after the tokens are reexported from BusinessConnect > Gateway > Gateway Tokens.</p> <p>Workaround: Delete the previously created Gateway tokens and create new ones for the changes to take place.</p>
BC-7216	<p>Summary: TIBCO BusinessConnect can send the AS2_HTTPS message to TIBCO BusinessConnect™ Remote only if ENTRUST is selected from the bc.securityVendor.sockets list. The SUN and IBM providers are not supported in TIBCO BusinessConnect Remote.</p> <p>Workaround: None.</p>
BC-7165	<p>Summary: Shadow credentials are not supported for the TIBCO BusinessConnect server keys; they are supported only for public certificates.</p> <p>Workaround: None.</p>
BC-7133	<p>Summary: PGP credentials are not supported with the TIBCO BCAppManage tool.</p> <p>Workaround: Only the TIBCO Administrator GUI can be used for exporting and importing PGP credentials.</p>
BC-6930	<p>Summary: If any changes other than Email are made under BusinessConnect > System Settings > Inbound Public Transport Types, Interior Servers and Gateway Servers must be restarted. For the Email transport, a redeployment of Interior Servers is required.</p> <p>Workaround: None.</p>
BC-4398	<p>Summary: The server plugin property <code>bc.maxAuditLogEntriesPerView</code> fails to immediately implement in all the log viewers of TIBCO BusinessConnect.</p> <p>Workaround: Log out and log in back to the TIBCO Administrator.</p>