



TIBCO BusinessConnect™ Container Edition - ebXML Protocol

Installation

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Introduction

TIBCO BusinessConnect™ Container Edition - ebXML Protocol is the containerized edition of TIBCO BusinessConnect™ ebXML Protocol. You can use BusinessConnect™ Container Edition - ebXML Protocol with TIBCO BusinessConnect™ Container Edition to conduct electronic business.

You can run BusinessConnect Container Edition - ebXML Protocol on container-based platforms such as Docker and Kubernetes.

Key Highlights of BusinessConnect Container Edition - ebXML Protocol

- Portability between different platforms and clouds of your choice.
- You can deploy BusinessConnect Container Edition - ebXML Protocol on a Kubernetes cluster. Kubernetes provides many advantages such as scalability, high-availability, and disaster recovery.

Installation Requirements

Before you install the protocol, ensure that your system meets all the hardware and software requirements.

Hardware and Software Requirements

For more information about the hardware and software requirements, and supported platforms, see the [Readme](#) file.

The [Readme](#) can be obtained either on the [TIBCO Product Documentation](#) website or from the [TIBCO eDelivery](#) website with the product software.

i Note: To access the [TIBCO eDelivery](#) website, you need a username and password. If you did not receive a username and password, contact [TIBCO Support](#).

Concepts

You must be familiar with the following concepts:

- Docker concepts. See *Docker Documentation*.
- Kubernetes concepts. See *Kubernetes Documentation*.

i Note: If you are running the application in a Kubernetes cluster on a cloud platform, ensure that the following conditions are met:

- You have an active account on that cloud platform.
- You have administration knowledge of that cloud platform.

Migration

The following section provides a migration procedure to migrate from an earlier version to TIBCO BusinessConnect™ Container Edition - ebXML Protocol 1.0.0.

Migrating from BusinessConnect ebXML Protocol

Perform the following steps to migrate from an earlier version of TIBCO BusinessConnect™ ebXML Protocol to TIBCO BusinessConnect™ Container Edition - ebXML Protocol 1.0.0:

Procedure

1. While BusinessConnect™ ebXML Protocol version 6.x is still installed, stop all the TIBCO BusinessConnect™ engines. Then, export the installation configuration file in the TIBCO Administrator GUI.
2. In the left panel, click **BusinessConnect**.
3. In the right panel, click **Manage**.
4. In the **Management** area, click **Export** in the **Import and Export** section.
5. Click **Export** and wait for the export process to complete.
Optional: Set the password.
6. After the export process is completed, click **Download**, and save the exported .csx file to a desired location.
7. Install TIBCO BusinessConnect™ Container Edition - ebXML Protocol 1.0.0. See [Installing Protocol](#).
8. After you install TIBCO BusinessConnect™ Container Edition - ebXML Protocol 1.0.0 and redeploy all the BusinessConnect Container Edition servers, perform the following steps:
 - a. Log in to the TIBCO Admin Server.
 - b. On the System Settings tile > **General**, click **Installation Properties**.
 - c. On the **Installation Properties** tab, click **Import configuration**.
 - d. In the **Importing Configuration Data** dialog, click **Upload file**. Locate the file

downloaded in [Step 6](#), upload the exported .csx file, and provide the password (if any).

- e. Click **Import** and wait for the import process to complete.

Dockerfiles and Scripts

BusinessConnect Container Edition - ebXML Protocol installation package provides all the necessary Dockerfiles and scripts to build the Docker image, install, and uninstall the protocol.

A Dockerfile is simply a text-based script of instructions that is used to create a container image.

Scripts with Protocol

BusinessConnect Container Edition - ebXML Protocol installation package provides the following scripts:

Script	Description
install-bcce-ebxml.sh	Installs all the protocol files into the BusinessConnect Container Edition Home environment.
uninstall-bcce-ebxml.sh	Uninstalls all the protocol files from the BusinessConnect Container Edition Home environment.

Installing BusinessConnect Container Edition - ebXML Protocol

Before you begin

1. If you are migrating from an earlier version, then you must follow the instructions provided in [Migration](#).
2. Ensure that you have the infrastructure and other requirements listed in [Installation Requirements](#).
3. From [TIBCO eDelivery](#), download the BusinessConnect Container Edition - ebXML Protocol installation package.
4. Extract the contents of the package to a local directory.

To install the protocol, perform the following steps:

Procedure

1. Navigate to the <folder>/bcce-ebxml-1.0.0/scripts directory.
2. Run the following command:

```
./install-bcce-ebxml.sh
```

3. Follow the command-line interface instructions, review the license agreement, and enter y to accept it.
4. The following prompt is displayed:

```
Please enter the TIBCO BCCE package home.
```

Enter the BusinessConnect Container Edition package home <unzip_folder>/bcce-<version> directory.

What to do next

1. Rebuild the ConfigStore Management Server (CMS) Docker image and redeploy all the BusinessConnect Container Edition servers. For more information, see the "Deploying BusinessConnect Container Edition Component's Docker Images" topic in the *TIBCO BusinessConnect™ Container Edition Installation and Deployment* guide.
2. If you are migrating from an earlier version, then you must import the configuration data. See [Migration](#).

Result

BusinessConnect Container Edition - ebXML Protocol installed into the BusinessConnect Container Edition Home environment.

Uninstalling BusinessConnect Container Edition - ebXML Protocol

To uninstall the protocol, perform the following steps:

Procedure

1. Navigate to the <folder>/bcce-ebxml-1.0.0/scripts directory.
2. Run the following command:

```
./uninstall-bcce-ebxml.sh
```

3. The following prompt is displayed:

```
Please enter the TIBCO BCCE package home.
```

Enter the BusinessConnect Container Edition package home <unzip_folder>/bcce-<version> directory.

What to do next

If you are using other BusinessConnect Container Edition protocols, then you must rebuild the ConfigStore Management Server (CMS) Docker image and redeploy all the BusinessConnect Container Edition servers. For more information, see the "Deploying BusinessConnect Container Edition Component's Docker Images" topic in the *TIBCO BusinessConnect™ Container Edition Installation and Deployment* guide.

Result

BusinessConnect Container Edition - ebXML Protocol uninstalled from the BusinessConnect Container Edition Home environment.

TIBCO Documentation and Support Services

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

How to Access TIBCO Documentation

Documentation for TIBCO products is available on the [Product Documentation website](#), mainly in HTML and PDF formats.

The [Product Documentation website](#) is updated frequently and is more current than any other documentation included with the product.

Product-Specific Documentation

The following documentation for this product is available on the [TIBCO BusinessConnect™ Container Edition - ebXML Protocol Product Documentation](#) page:

- *TIBCO BusinessConnect™ Container Edition - ebXML Protocol Release Notes*
- *TIBCO BusinessConnect™ Container Edition - ebXML Protocol Installation*
- *TIBCO BusinessConnect™ Container Edition - ebXML Protocol User Guide - ebMS2 Standard*
- *TIBCO BusinessConnect™ Container Edition - ebXML Protocol User Guide - ebMS3/AS4 Standard*

Other TIBCO Product Documentation

When working with TIBCO BusinessConnect™ Container Edition - ebXML Protocol, you may find it useful to read the documentation of the following TIBCO products:

- TIBCO BusinessConnect™ Container Edition
- TIBCO Enterprise Message Service™
- TIBCO ActiveMatrix BusinessWorks™

- TIBCO ActiveMatrix BusinessWorks™ Plug-in for BusinessConnect

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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