

TIBCO Silver[®] Fabric Enabler for ActiveMatrix[®] BPM

Installation

*Software Release 1.4
June 2016*



Two-Second Advantage[®]

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.

This document contains confidential information that 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, Two-Second Advantage, TIBCO Silver, TIBCO Silver Fabric, TIBCO ActiveMatrix BPM, TIBCO Rendezvous, TIBCO Administrator, TIBCO Enterprise Message Service, TIBCO Policy Manager, TIBCO Runtime Agent, and TIBCO Hawk are either registered trademarks or trademarks of TIBCO Software Inc. in the United States and/or other countries.

EJB, Java EE, J2EE, and all Java-based trademarks and logos are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries.

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.

Copyright © 2013-2016 TIBCO Software Inc. All rights reserved.

TIBCO Software Inc. Confidential Information

Contents

Preface	v
Related Documentation	vi
TIBCO Silver Fabric Enabler for ActiveMatrix BPM Documentation	vi
Other TIBCO Product Documentation	vi
Typographical Conventions	vii
Connecting with TIBCO Resources	ix
How to Join TIBCOCommunity	ix
How to Access All TIBCO Documentation	ix
How to Contact TIBCO Support	ix
Chapter 1 Introduction	1
Installing TIBCO Silver® Fabric Enabler for ActiveMatrix® BPM	2
Installation Modes	2
Installation Types	3
Installer Account	3
Installer Log File	4
Installation Requirements	5
Disk Space Requirements	5
System Memory Requirements	6
Supported Platforms	6
Required and Optional Products	6
Grid Libraries	8
Distributions	8
Enablers	9
Chapter 2 Installation Steps	10
Installation	11
GUI Mode	11
Console Mode	12
Silent Mode	13
Post-Installation	14
Uninstallation	16
Index	19

Preface

The TIBCO Silver[®] Fabric Enabler for ActiveMatrix[®] BPM is a software component that helps you to configure and deploy enablers and applications in the TIBCO Silver[®] Fabric. Using this enabler you can create and deploy ActiveMatrix BPM environment to the cloud environments, which are created with TIBCO Silver Fabric. TIBCO products provide for implementation of best practices and elastic optimization of computing resources.



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.

Topics

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

Related Documentation

This section lists documentation resources you might find useful.

TIBCO Silver Fabric Enabler for ActiveMatrix BPM Documentation

The following documents form the TIBCO Silver Fabric Enabler for ActiveMatrix BPM documentation set:

- *TIBCO Silver Fabric Enabler for ActiveMatrix BPM Installation* Read this manual for instructions on site preparation and installation.
- *TIBCO Silver Fabric Enabler for ActiveMatrix BPM User's Guide* Read this manual for instructions on using the product.
- *TIBCO Silver Fabric Enabler for ActiveMatrix BPM 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

TIBCO Silver Fabric Enabler for ActiveMatrix BPM uses TIBCO Silver Fabric to provide you with a way to build your private cloud infrastructure to run TIBCO ActiveMatrix BPM environment and your ActiveMatrix BPM applications.

Read the following TIBCO products documentation before you use TIBCO Silver Fabric Enabler for ActiveMatrix BPM:

- TIBCO Silver[®] Fabric
- TIBCO ActiveMatrix[®] BPM
- TIBCO Enterprise Message Service[™]
- TIBCO Business Studio[™]




Typographical Conventions

The following typographical conventions are used in this manual.

Table 1 General Typographical Conventions

Convention	Use
<i>TIBCO_HOME</i>	<p>Many TIBCO products must be installed within the same home directory. This directory is referenced in documentation as <i>TIBCO_HOME</i>. The default value of <i>TIBCO_HOME</i> depends on the operating system. For example, on Windows systems, the default value is C:\tibco.</p> <p>Other TIBCO products are installed into an <i>installation environment</i>. Incompatible products and multiple instances of the same product are installed into different installation environments. An environment home directory is referenced in documentation as <i>ENV_HOME</i>. The default value of <i>ENV_HOME</i> depends on the operating system. For example, on Windows systems, the default value is C:\tibco.</p> <p>TIBCO Silver Fabric Enabler for ActiveMatrix BPM is installed into a directory that is referenced in documentation as <i>SFBP_HOME</i>. The value of <i>SFBP_HOME</i> depends on the operating system. For example, on Windows systems, the default value is C:\tibco\sfbp.</p> <p>TIBCO Silver Fabric is installed into a directory that is referenced in documentation as <i>SILVERFABRIC_HOME</i>. The value of <i>SILVERFABRIC_HOME</i> depends on the operating system. For example, on Windows systems, the default value can be C:\fabric.</p>
<i>ENV_HOME</i>	
<i>SFBP_HOME</i>	
<i>SILVERFABRIC_HOME</i>	
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 BPM 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>
	<p>The note icon indicates information that is of special interest or importance, for example, an additional action required only in certain circumstances.</p>
	<p>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.</p>
	<p>The warning icon indicates the potential for a damaging situation, for example, data loss or corruption if certain steps are taken or not taken.</p>

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/>

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 explains installation modes, requirements, and other options you should be aware of before starting the installation.

Topics

- [Installing TIBCO Silver® Fabric Enabler for ActiveMatrix® BPM, page 2](#)
- [Installation Requirements, page 5](#)

Installing TIBCO Silver® Fabric Enabler for ActiveMatrix® BPM

You can use the GUI mode, console mode, and the silent mode for installing the TIBCO Silver® Fabric Enabler for ActiveMatrix® BPM .

1. Download the installation package from <https://edelivery.tibco.com>
2. Extract the files into a temporary folder.
3. Launch the Installer with [GUI Mode](#), [Console Mode](#) or [Silent Mode](#) as described in the subsequent sections.
4. After the installation, ensure that
 - a. `SilverFabric_tibcoamxbpm_runtime_component.type_<product_version>.zip`,
 - b. `SilverFabric_tibcoamxbpm_server_component.type_<product_version>.zip`
 - c. `SilverFabric_tibcoamxbpm_server_container_<product_version>.gridlib.zip`
 - d. `SilverFabric_tibcoamxbpm_runtime_container_<product_version>.gridlib.zip` are extracted at `TIBCO_HOME\SFBP\<product_version>\gridlib`.

Get the compressed distribution and the enabler files. Refer to the section [Post-Installation](#), for more details.

Installation Modes

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

GUI Mode

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

Console Mode

In console mode, you can 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. Silent mode installation is useful for automated installation.

Installation Types

Two installation types are available: Typical or Custom.

- In the Typical installation type, you can install software for a specific profile.
- In the Custom installation type, you can select components.

Installer Account

Microsoft Windows

You must have administrator privileges for the machine on which this product is to be 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 administrator privileges.

Windows system administrators can assign administrator privileges to your account if you do not have a user profile that allows for installation.

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

Linux

Any user can install this product.

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

When installing this product on Linux platforms, make sure that the same installer account is used to install all TIBCO Silver Fabric 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.

The installer log file captures the following information:

- Installation environment details such as the user that invoked the installer, the computer host name, Java home in the environment, operating system details, and so on
- List of assemblies installed
- Information related to the Ant scripts that are executed by 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 TIBCO Silver Fabric Enabler for ActiveMatrix BPM, you must extract the contents of the installation archive to a temporary directory. The installer files can consume up to 120 MB of disk space.

Temporary Disk Space Required by the Installer

During installation, the installer requires at least 100 MB of free space in the temporary directory.

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 begins. The installer proceeds 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 give a failure message.

If temp disk space is a concern, avoid running other processes that consume disk space in the product home location while performing the installation.

Disk Space After Installation

This product can consume about 100 MB of free space under *SFBP_HOME*.

System Memory Requirements

Refer to the readme file for physical memory requirements.

Supported Platforms

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

Required and Optional Products

Table 2 lists the required and optional software products.

Table 2 Software Requirements

Software	Description
TIBCO Software The software products below are distributed and installed separately from this product. See the readme file for the supported versions.	
TIBCO Silver [®] Fabric	Required. To use TIBCO Silver [®] Fabric Enabler for ActiveMatrix [®] BPM you must install TIBCO Silver Fabric.
TIBCO ActiveMatrix [®] BPM Distribution for TIBCO Silver [®] Fabric	Required. This distribution is published to the engine instances. You must download and install this product according to instructions in this installation guide.
TIBCO Enterprise Message Service [™] or TIBCO Silver [®] Fabric Enabler for Enterprise Message Service [™]	Required. If you want to instantiate ActiveMatrix BPM applications using the TIBCO Silver Fabric Enabler, TIBCO Enterprise Message Service (EMS) is needed to transport messages and data. TIBCO EMS and an associated database product must be installed separately. The configurations of TIBCO EMS product are defined in the TIBCO Enterprise Message Service product documentation.
Third-party Software See the readme file for the supported versions.	
Database or an Enabler for Oracle 11g R2	Refer to the <i>TIBCO Silver Fabric Enabler for ActiveMatrix BPM Readme</i> for a list of supported databases. Only a few databases are suitable for hosting the ActiveMatrix BPM and ActiveMatrix BPM Administrator databases. Proper ActiveMatrix BPM component deployment requires an administrator connection with a database for schema table creation.

Table 2 Software Requirements

Software	Description
Hibernate	<p>Required. The Distribution compressed archive of this third-party software must be downloaded separately.</p> <p>Get the Hibernate Distribution download from the link on the TIBCO ActiveMatrix BPM download page on: https://edelivery.tibco.com/</p> <p>The displayed name for the download link is:</p> <p>TIB_SilverFabric_tpcl_org_hibernate_3.2.400.001_distribution_gridlib.html (v 3.1.0)</p> <p>The gridlib compressed file name is similar to:</p> <p><i>TIB_SilverFabric_tpcl_org_hibernate_3.2.400.001_distribution_gridlib.zip</i></p> <p>It should be available on the same page as the TIBCO ActiveMatrix BPM Distribution for TIBCO Silver Fabric.</p>

Grid Libraries

The TIBCO Silver® Fabric Enabler for ActiveMatrix® BPM installation consists of copying artifacts named grid libraries to the following TIBCO Silver Fabric broker directory:

```
SILVERFABRIC_HOME/webapps/livecluster/deploy/resources/gridlib/
```

For example, on a Linux platform, the directory is:

```
/opt/tibco/fabric/webapps/livecluster/deploy/resources/gridlib/
```

The grid libraries can be divided into two groups:

- [Distributions](#)
- [Enablers](#)

Distributions

Distributions are compressed native products. They are required to run TIBCO ActiveMatrix BPM. Different distributions are provided for different platforms.



Distributions are dependent on platforms. Different platforms have different distributions.

For each platform, TIBCO Silver® Fabric Enabler for ActiveMatrix® BPM includes the following distribution:

- TIBCO ActiveMatrix® BPM Distribution for TIBCO® Silver Fabric

[Table 3](#) shows the distribution provided for Linux and Windows (x86-64 bit)

Table 3 Software Distributions

Distribution	Example
Linux (x86-64 bit)	TIB_SilverFabric_amx-bpm_2.2.0_2_linux24gl23_x86_64_distribution_gridlib.zip
	or
	TIB_SilverFabric_amx-bpm_3.0.0_0_linux24gl23_x86_64_distribution_gridlib.zip
	or
	TIB_SilverFabric_amx-bpm_3.1.0.1_0_linux24gl23_x86_64_distribution_gridlib.zip
	or
	TIB_SilverFabric_amx-bpm_4.0.0_0_linux24gl23_x86_64_distribution_gridlib.zip
	or
	TIB_SilverFabric_amx-bpm_4.1.0_0_linux24gl23_x86_64_distribution_gridlib.zip

Table 3 Software Distributions

Distribution	Example
Windows (x86-64-bit)	TIB_SilverFabric_amx-bpm_2.2.0_2_win_x86_64_distribution_gridlib.zip or TIB_SilverFabric_amx-bpm_3.0.0_0_win_x86_64_distribution_gridlib.zip or TIB_SilverFabric_amx-bpm_3.1.0.1_0_win_x86_64_distribution_gridlib.zip or TIB_SilverFabric_amx-bpm_4.0.0_0_win_x86_64_distribution_gridlib.zip or TIB_SilverFabric_amx-bpm_4.1.0_0_win_x86_64_distribution_gridlib.zip
Hibernate distribution (required)	TIB_SilverFabric_tpcl_org_hibernate_3.2.400.001_distribution_gridlib.zip or higher



If you want to run the distribution on multiple operating systems with different bit lengths, the same TIBCO Silver Fabric Enabler is used with distributions specifically made for the supported platforms. Each of those distributions must be copied to the TIBCO Silver Fabric Broker.

Enablers

Enablers are control modules for TIBCO ActiveMatrix BPM. They provide all the installation, configuration, and deployment logic of TIBCO ActiveMatrix BPM with TIBCO Silver Fabric.



Enablers are independent of platforms. Different platforms can have the same enablers.

After you install TIBCO Silver[®] Fabric Enabler for ActiveMatrix[®] BPM, the files you need to use are located at *TIBCO_HOME/sfbp/1.4/gridlib*, where *TIBCO_HOME* is the directory you entered as the installer target.

Enabler gridlib files are extracted and installed in the directory:

TIBCO_HOME/sfbp/1.4/gridlib

After running the installation, all the compressed archives that were extracted must be copied and placed into the following directory:

SILVERFABRIC_HOME/webapps/livecluster/deploy/resources/gridlib/

This last installation step is described in the section on [Post-Installation on page 14](#)

Chapter 2 **Installation Steps**

This chapter explains how to install and uninstall TIBCO Silver[®] Fabric Enabler for ActiveMatrix[®] BPM .



To run TIBCO Silver[®] Fabric Enabler for ActiveMatrix[®] BPM , you must set up TIBCO Silver Fabric cloud environment. For detailed information, refer to *TIBCO Silver Fabric* documentation.

Topics

- [Installation, page 11](#)
- [Post-Installation, page 14](#)
- [Uninstallation, page 16](#)

Installation

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

- [GUI Mode, page 11](#)
- [Console Mode, page 12](#)
- [Silent Mode, page 13](#)

GUI Mode

To install this product in GUI mode, open the physical media or download the package. The installation archive is a platform specific file named:

`TIB_sfbp_1.4.0_[OS_Name]_[Type].zip`

1. Extract the contents of the package to a temporary directory.
2. From the temporary directory, run **TIBCOUniversalInstaller** to open TIBCO Universal Installer. That can be done as following:
 - Double-click the TIBCOUniversalInstaller executable file name.
 - On the command prompt, provide the absolute path of the installer file without specifying any options. The installer defaults to GUI mode.

The Welcome page appears.

3. Click **Next** on the Welcome page and the License Agreement page appears

Read through the license text and select **I Accept the Terms of the License Agreement** radio button. If you do not accept the terms of the license you cannot install this product.

4. Click **Next** on the License Agreement page and the TIBCO Installation Home page appears.

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 use 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 be the same as the path of an existing environment.

The path cannot contain special characters such as: * # ? > < % & \$ ` |

- **Name** Identifies the installation environment. The name cannot contain special characters such as: * " ? > < : | / \

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.

5. Click **Next** on the TIBCO Installation Home page, and the Installation Profile Selection page appears .

TIBCO Universal Installer provides for the installation of the **Containers**. Containers are command and control modules for TIBCO ActiveMatrix BPM.

All TIBCO product documentation is available at <https://docs.tibco.com>.

6. Click **Next** and the Preinstall Summary page appears. Verify the environment name and location for installation.
7. Click **Install** to start the installation process. After installation, review the information listed in the Post-Install Summary page.
8. Click **Finish** to complete the installation process and exit the universal installer.
9. Follow the steps in [Post-Installation on page 14](#).

Console Mode

To install this product in console mode:

1. Open the physical media or download the package. The installation archive is a platform specific file named: `TIB_sfbp_1.4.0_[OS_Name]_[Type].zip`
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:
 - **Windows** `TIBCOUniversalInstaller.cmd -console`
 - **Linux** `TIBCOUniversalInstaller-lnx-x86-64.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_ProductName.silent` file. This document refers to that file as the "`TIBCOUniversalInstaller.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.silent` file, it is good practice to copy the file to a different name and use that file for the silent install.

If errors occur during installation, they are 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.silent` file and rename the file.
5. Using a text editor, open the copied file and update the installation directory and features to install.
6. Run the following:

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

Linux `TIBCOUniversalInstaller-lnx-x86-64.bin -silent -V
responseFile="myfilename.silent"`

Post-Installation

After installation, these final steps are required to place the archived components, enablers, and distributions in the grid libraries directory so they can be loaded for use and deployed.

Archived components and enablers are stored in the directory:

```
TIBCO_HOME/sfbp/1.4/gridlib
```

Task A Copy the Distribution File to SILVERFABRIC_HOME

The product distribution compressed archives must be obtained from the <https://edelivery.tibco.com> download site. Specific sets of distribution files for each supported operating system platform is used as a deployment target.

1. Get the TIBCO ActiveMatrix BPM Distribution for TIBCO Silver Fabric software grid library compressed archive files for the platforms to be targeted.

Linux 64-bit

```
TIB_SilverFabric_amx-bpm_4.0.0_0_linux24gl23_x86_64_distribution_gridlib.zip
```

Windows 64-bit

```
TIB_SilverFabric_amx-bpm_4.0.0_0_win_x86_64_distribution_gridlib.zip
```



Use the Installation Method > Individual file download to avoid downloading the full product. Expand TIBCO ActiveMatrix BPM Distribution for TIBCO Silver Fabric Software (v 4.0.0) and get the file for that operating system.

2. Get the Hibernate distribution grid library:

```
TIB_SilverFabric_tpcl_org_hibernate_3.2.400.001_distribution_gridlib.zip
```

Download the Hibernate grid library. While still in the same expanded file download directory for TIBCO ActiveMatrix BPM Distribution for TIBCO Silver Fabric Software (v 4.0.0) to invoke the HTML link:

[TIB_SilverFabric_tpcl_org_hibernate_3.2.400.001_distribution_gridlib.html](#) (v 3.1.0)

Note: This link above works only when logged into the edelivery.tibco.com.

3. Paste those three distribution gridlib files into the following directory:

```
SILVERFABRIC_HOME/webapps/livecluster/deploy/resources/gridlib/
```


Alternatively, the distribution files may be dropped into any directory accessible to Silver Fabric as long as that directory is specified in Silver Fabric Administrator.

Task B Copy Compressed Archives from TIBCO_HOME to SILVERFABRIC_HOME

1. Copy the contents of the Enabler installation from
TIBCO_HOME/sfbp/1.4/gridlib.
 - SilverFabric_tibcoamxbpm_runtime_component.type_1.4.0.zip*
 - SilverFabric_tibcoamxbpm_runtime_container_1.4.0_gridlib.zip*
 - SilverFabric_tibcoamxbpm_server_component.type_1.4.0.zip*
 - SilverFabric_tibcoamxbpm_server_container_1.4.0_gridlib.zip*
2. Paste those compressed archives into the following directory:
SILVERFABRIC_HOME/webapps/livecluster/deploy/resources/gridlib/

After pasting all the required grid libraries into the appropriate TIBCO Silver Fabric broker gridlib directory, ActiveMatrix BPM components can be created and used to publish TIBCO ActiveMatrix BPM to TIBCO Silver Fabric.

Uninstallation

To uninstall this product, do the following tasks:

- [Task A, Removing Grid Libraries, on page 16](#)
- [Task B, Uninstalling TIBCO Silver® Fabric Enabler for ActiveMatrix® BPM, on page 16](#)

Task A Removing Grid Libraries

1. Shut down all running TIBCO Silver® Fabric Enabler for ActiveMatrix® BPM applications.
2. From the directory:
`SILVERFABRIC_HOME/webapps/livecluster/deploy/resources/gridlib`
 remove all the files with the following file name patterns:
`SilverFabric_tibcoamxbpm_*.zip`
`TIB_SilverFabric_amx-bpm_*.zip`
 where * is a platform and version number string.
3. You can also remove `TIB_SilverFabric_tpcl_org_hibernate_*.zip` unless it is used by other components.

Task B Uninstalling TIBCO Silver® Fabric Enabler for ActiveMatrix® BPM

1. Navigate to the `TIBCO_HOME/tools/universal_installer/` directory and run **TIBCOUniversalInstaller** to open TIBCO Universal Installer.
2. In the TIBCO Installation Manager page, do the following steps:
 - Select **Uninstall Products from Selected TIBCO Home Location**.
 - Select the **TIBCO Home location** from the drop-down list.
3. Click **Next**. The Welcome page is displayed.
4. Click **Next**. The Uninstallation Type page is displayed. Choose an uninstallation option. The following two uninstallation options are provided:
 - **Custom Uninstall** You can select the products to be removed.
 - **Typical Uninstall** The universal uninstaller removes all the products in this `TIBCO_HOME`.
5. Click **Next**. If you selected **Custom Uninstall (Select the Products to be Removed)**, select the check boxes for products to uninstall, and then click **Next**.

6. Review the Preuninstall Summary and click **Uninstall** to start the uninstallation process.

When uninstalling the products, a dialog appears asking if you want to clean up the `/tools` directory for this environment. Click **Yes, Clean It up** button.

7. Review the Postuninstall summary and click **Finish** to exit the uninstall wizard.

Index

C

customer support [ix](#)

D

Distributions [8](#)

E

ENV_HOME [vii](#)

G

GridLibraries [8](#)

H

Hibernate [7](#)

I

Installation Modes

Console Mode [2](#)

GUI Mode [2](#)

Silent Mode [3](#)

Installation Procedure

Console Mode [12](#)

GUI Mode [11](#)

Silent Mode [13](#)

Installation Requirements

Supported Platforms [6](#)

System Memory Requirements [6](#)

Installation Type

Custom [3](#)

Typical [3](#)

Installer Log File [4](#)

R

Removing GridLibraries [16](#)

Required and Optional Products [6](#)

TIBCO Enterprise Message Service (EMS) [6](#)

TIBCO Silver Fabric [6](#)

S

SFBP_HOME [vii](#)

SILVERFABRIC_HOME [vii](#)

support, contacting [ix](#)

T

technical support [ix](#)

TIBCO_HOME [vii](#)

U

Uninstallation Procedure [16](#)