

# **TIBCO Silver<sup>®</sup> Fabric Enabler for Adapter for LDAP**

## **Installation**

*Software Release 3.0  
March 2016*



**Two-Second Advantage<sup>®</sup>**

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# Preface

TIBCO Silver<sup>®</sup> Fabric Enabler for Adapter for LDAP is a complementary software component. You can publish TIBCO ActiveMatrix<sup>®</sup> Adapter for LDAP<sup>®</sup> projects to cloud environments based on TIBCO Silver Fabric and leverage Silver Fabric capabilities. This accelerates the publishing of TIBCO ActiveMatrix<sup>®</sup> Adapter for LDAP projects, enforces its industry best practices, and provides elastic optimization of computing resources.



This software is available for all operating systems supported by TIBCO Silver Fabric. Refer to the TIBCO Silver<sup>®</sup> Fabric Enabler for Adapter for LDAP *Readme* for specific details on versions supported.

## Topics

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

## Related Documentation

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This section lists documentation resources you may find useful.

### TIBCO Silver Fabric Enabler for Adapter for LDAP Documentation

The following documents form the TIBCO Silver Fabric Enabler for Adapter for LDAP documentation set:

- *TIBCO Silver<sup>®</sup> Fabric Enabler for Adapter for LDAP Installation*  
Read this manual for instructions on site preparation and installation.
- *TIBCO Silver<sup>®</sup> Fabric Enabler for Adapter for LDAP User's Guide*  
Read this manual for instructions on using the product.
- *TIBCO Silver<sup>®</sup> Fabric Enabler for Adapter for LDAP 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

The TIBCO Silver Fabric private cloud infrastructure can run many stacks that support and use data from TIBCO ActiveMatrix<sup>®</sup> Adapter for LDAP.

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

- TIBCO Silver<sup>®</sup> Fabric
- TIBCO ActiveMatrix<sup>®</sup> Adapter for LDAP
- TIBCO Designer<sup>™</sup>
- TIBCO Administrator<sup>™</sup>
- TIBCO Rendezvous<sup>®</sup>
- TIBCO Hawk<sup>®</sup>
- TIBCO Runtime Agent<sup>™</sup>
- TIBCO Enterprise Message Service<sup>™</sup>




## 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 <code>C:\tibco</code>.</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 <code>C:\tibco</code>.</p> <p>TIBCO Silver Fabric Enabler for Adapter for LDAP is installed into a directory that is referenced in documentation as <i>SFLD_HOME</i>. The value of <i>SFLD_HOME</i> depends on the operating system. For example, on Windows systems, the default value is <code>C:\tibco\sfld</code>.</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 <code>C:\fabric</code>.</p>
<i>ENV_HOME</i>	
<i>SFLD_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 <code>MyCommand</code> to start the foo process.</p>
<b>bold code font</b>	<p>Bold code font is used in the following ways:</p> <ul style="list-style-type: none"> <li>• In procedures, to indicate what a user types. For example: Type <b>admin</b>.</li> <li>• In large code samples, to indicate the parts of the sample that are of particular interest.</li> <li>• 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></li> </ul>

Table 1 General Typographical Conventions (Continued)

Convention	Use
<i>italic font</i>	<p>Italic font is used in the following ways:</p> <ul style="list-style-type: none"><li>• To indicate a document title. For example: See <i>TIBCO ActiveMatrix® Adapter for LDAP Concepts</i>.</li><li>• To introduce new terms. For example: A portal page may contain several portlets. <i>Portlets</i> are mini-applications that run in a portal.</li><li>• To indicate a variable in a command or code syntax that you must replace. For example: <code>MyCommand <i>PathName</i></code></li></ul>
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

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### 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:

<https://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 username and password. If you do not have a username, 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

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- [Installation Overview, page 2](#)
- [Installation Requirements, page 5](#)

## Installation Overview

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This section gives an overview of the installation. You can use the GUI mode, console mode, and the silent mode for installing the TIBCO Silver Fabric Enabler for Adapter for LDAP.

The following are the basic steps for installing TIBCO Silver Fabric Enabler for Adapter for LDAP:

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 SilverFabric\_tibcoadldap\_componentType\_<product\_version>.zip and SilverFabric\_tibcoadldap\_container\_<product\_version>\_gridlib.zip are extracted at `SFLD_HOME\<product_version>\gridlib`.
5. 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 the 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. For more information, refer to the section [GUI Mode](#).

### Console Mode

With console mode, you to run the installer from the command prompt or terminal window. This is useful if your machine does not have a GUI environment. For more information, refer to the section [Console Mode](#).

## 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. For more information, refer to the section [Silent Mode](#).

## Installation Types

Following two installation types are available:

- **Typical:** the Typical installation type installs all the software for a specific profile.
- **Custom:** with custom installation type, you can select the components.

## Installer Account

### Microsoft Windows

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

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

### Linux/ Unix

Any user can install this product:

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

When installing this product on Linux platforms, ensure 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 who invoked the installer, host name, Java home in the environment, operating system details, and so on.
- The List of assemblies installed.
- Information related to the Ant scripts that are executed by the installer.

## Installation Requirements

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

### Disk Space Requirements

Before installing this product, extract the contents of the installation archive to a temporary directory. The installer files consume up to 1.5 GB of disk space.

#### Temporary Disk Space Required by the Installer

The installer requires at least 2 GB of free space in the temporary directory. On Microsoft Windows, the temporary directory typically is:

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

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

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

where */new\_temp* has sufficient free disk space.

The installer calculates the disk space required in the product home location for the selected components. The calculation is done before the actual installation (copying of files to the system) begins. The installer 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 might fail and then give a failure message.

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

#### Disk Space After Installation

This product can consume 2 GB of free space under *SFLD\_HOME*.

### System Memory Requirements

A minimum of 2 GB of physical memory is required.

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
<b>TIBCO Software</b> The software products below are distributed and installed separately from this product. See the readme file for the supported versions.	
TIBCO Silver <sup>®</sup> Fabric	Required. To use TIBCO <sup>®</sup> Silver Fabric Enabler for Adapter for LDAP , you must install TIBCO Silver Fabric and its latest patch.
TIBCO <sup>®</sup> Adapter for LDAP Distribution for TIBCO Silver Fabric	Required. TIBCO <sup>®</sup> Silver Fabric Enabler for Adapter for LDAP requires the TIBCO Adapter for LDAP Distribution for TIBCO Silver Fabric, which provides the runtime artifact of TIBCO ActiveMatrix <sup>®</sup> Adapter for LDAP to be published and executed in TIBCO Silver Fabric.
TIBCO Silver Fabric Enabler for TIBCO Administrator - Enterprise Edition	Required. The TIBCO Silver Fabric Enabler for Adapter for LDAP component must startup depending on a TIBCO Silver Fabric Enabler for TIBCO Administrator - Enterprise Edition component.
TIBCO Enterprise Message Service <sup>™</sup> (EMS)	Optional. Messaging between components can use TIBCO Enterprise Message Service (EMS) . TIBCO EMS products can be installed separately or they can be installed using the Silver Fabric Enabler for TIBCO EMS.  The configurations of these products are defined in their respective product documentation.  For information about the connection of TIBCO Domain to a database, refer to <i>TIBCO Administrator Application Component</i> or <i>Creating a Domain that Uses a Database in Domain Utility User's Guide</i> in <i>TIBCO Runtime Agent documentation</i> .
<b>Third-party Software</b>	



## Microsoft Visual C++ 2005 Redistributable Package

Optional.

It is required only if you want to create a TIBCO Silver Fabric Enabler for Adapter for LDAP component. To use TIBCO Rendezvous on the LDAP domain, Microsoft Visual C++ 2005 Redistributable Package must be installed on your Windows operating system.

Note:

If Microsoft Visual C++ 2005 Redistributable Package is not included in the Windows version, refer to the readme file for the supported platforms, versions, and required patches. It should be installed separately.

- Microsoft Visual C++ 2005 Redistributable Package (x86) can be downloaded from the following website:  
<http://www.microsoft.com/downloads/en/details.aspx?FamilyId=32BC1BEE-A3F9-4C13-9C99-220B62A191EE&displaylang=en>
- Microsoft Visual C++ 2005 Redistributable Package (x64) can be downloaded from the following website:  
<http://www.microsoft.com/en-us/download/details.aspx?id=21254>

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See the TIBCO® Adapter for LDAP *readme* file for more information on the software required by the TIBCO® Silver Fabric Enabler for Adapter for LDAP .

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## Grid Libraries

The TIBCO® Silver Fabric Enabler for Adapter for LDAP 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:

- [Containers](#)
- [Distributions](#)

### Containers

Containers are made for use with TIBCO Silver Fabric and the containers for this product are made to configure and control how TIBCO ActiveMatrix® Adapter for LDAP is published to a Silver Fabric engine. Containers are configured using the TIBCO Silver Fabric Administration Tool interface to specify settings, installation, configuration, and publishing logic for TIBCO® Silver Fabric Enabler for Adapter for LDAP .



Containers are supported wherever TIBCO Silver Fabric is installed. Containers are not operating -system -dependent. The Silver Fabric broker detects the addition of any Grid Library container put in the proper directory.

The following Enabler files are installed into the *SFLD\_HOME/3.0/gridlib* directory, they must be copied to the TIBCO Silver Fabric BRoker gridlib directory.

- `SilverFabric_tibcoadldap_container_3.0.0_gridlib.zip`
- `SilverFabric_tibcoadldap_componentType_3.0.0.zip`

### Distributions

Distributions are compressed native products that are obtained separately from the enablers for TIBCO® Silver Fabric Enabler for Adapter for LDAP containers. Distributions must be downloaded separately from the parent product area of the download site. To be more specific, the TIBCO® Silver Fabric Enabler for Adapter for LDAP is in the TIBCO® ActiveMatrix Adapter for LDAP area of the TIBCO product download site.

Distribution grid libraries are put into the same Silver Fabric directory as the containers. Distributions are published to the Silver Fabric engines according to the configurations set using the containers.

The TIBCO® Silver Fabric Enabler for Adapter for LDAP is used to publish and run TIBCO ActiveMatrix® Adapter for LDAP on the Silver Fabric engine. Different platforms require specific distributions.



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

For each platform, the distribution for TIBCO® Silver Fabric Enabler for Adapter for LDAP requires the following four distributions:

- TIBCO Adapter for LDAP Distribution for TIBCO Silver Fabric
- TIBCO Rendezvous® distribution
- TIBCO Hawk® distribution
- TIBCO Runtime Agent™ distribution

Table 3 shows distributions provided for a Linux (x86-64) platform.

Table 3 Software Distributions

Distribution	Example Distribution File (On a Linux x86 64-bit platform)
TIBCO® Silver Fabric Enabler for Adapter for LDAP	SilverFabric_adldap_6.1.1_0_linux24gl23_x86_64_distribution_gridlib.zip
TIBCO Rendezvous distribution	TIB_SilverFabric_rv_8.4.4_0_linux_x86_64_distribution_gridlib.zip
TIBCO Hawk distribution	TIB_SilverFabric_hawk_5.2.0_0_linux26gl23_x86_64_distribution_gridlib.zip
TIBCO Runtime Agent distribution	TIB_SilverFabric_tra_5.10.0_1_linux_x86_64_distribution_gridlib.zip



If you want to run the same TIBCO Silver® Fabric Cloud with all supported platforms, you must copy all the distributions to the TIBCO Silver® Fabric Cloud.



## Chapter 2      **Installation Steps**

This chapter explains how to install and uninstall TIBCO Silver Fabric Enabler for Adapter for LDAP.



To run TIBCO® Silver Fabric Enabler for Adapter for LDAP , you must set up a TIBCO Silver® Fabric cloud environment. For detailed information, refer to *TIBCO Silver Fabric* documentation.

### Topics

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- [Installation, page 11](#)
- [Post-Installation, page 15](#)
- [Uninstallation, page 17](#)

### Installation

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

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

#### **GUI Mode**

To install this product in GUI mode:

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

3. Navigate to the temporary directory.
4. Run **TIBCOUniversalInstaller** to open TIBCO Universal Installer. You can do so in one of the following ways:

- Double-click the installer icon.
- On the command prompt, provide the absolute path of the installer file without specifying any options. The installer defaults to GUI mode.

The Welcome page is displayed. Click **Next** on the Welcome page. The License Agreement page is displayed.

Read through the license text and select the **I Accept the Terms of the License Agreement** radio button.

5. Click **Next** on the License Agreement page, the Installation Profile Selection page is displayed. An installation environment isolates product installations. A product installed into an installation environment does not access components in other installation environments. An installation environment consists of a name and path. You can choose a new environment or an existing environment.

**Create a new *TIBCO\_HOME*.** To install the product into a new installation environment, specify the following properties.

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



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

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

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

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

6. Click **Next** on the TIBCO Installation Home page and then click **Next** on the next page to accept the installation profile.
7. Verify your selection of the Environment Location and click **Install** to start the installation process.

8. Click **Finish** to complete the installation process and exit the universal installer.
9. Proceed to the [Post-Installation](#) page and move the Grid Libraries to the specified directory to complete the installation.



Installation is not complete until the Grid Libraries are copied to the directory: *SILVERFABRIC\_HOME/webapps/livecluster/deploy/resources/gridlib/*

Refer to the section on [Post-Installation, page 15](#), for more information.

Distributions must also be downloaded separately and placed according to the instructions in the section [Post-Installation, page 15](#).

## Console Mode

To install this product in console mode:

1. Open the physical media or download the package.
2. Extract the contents of the package to a temporary directory.
3. Using a console window, navigate to the temporary directory.
4. Run the following:
  - **Windows** `TIBCOUniversalInstaller.cmd -console`
  - **Linux** `TIBCOUniversalInstaller-lnx-x86.bin -console`
  - **Solaris Sparc** `TIBCOUniversalInstaller-sol-sparc.bin -console`
  - **Solaris X86 64bit** `TIBCOUniversalInstaller-sol-x86.bin -console`
5. Complete the installation by responding to the console window prompts.

## Silent Mode

In silent mode, the universal installer does not prompt for any inputs during installation. Instead, the inputs are read from a response file that can be provided as a command-line parameter. If no value is specified, the installer uses the default `TIBCOUniversalInstaller_sfld_3.0.0.silent` file.

The `TIBCOUniversalInstaller_sfld_3.0.0.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_sfld_3.0.0.silent` file, it is a 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_sfld_3.0.0.silent` file and rename the file.
5. Using a text editor, open the copied file and update the install location and features to install.
6. Run one of the following for your operating system:

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

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

**Solaris Sparc** `TIBCOUniversalInstaller-sol-sparc.bin -silent -V  
responseFile="myfilename.silent"`

**Solaris X86 64bit** `TIBCOUniversalInstaller-sol-x86.bin -silent -V  
responseFile="myfilename.silent"`



## Post-Installation

To avoid a restarting of the server of the Broker, the Grid Libraries should be copied to the `SILVERFABRIC_HOME\webapps\livecluster\deploy\resources\gridlib\` directory in the following order:



Grid Libraries should be copied in the following order:

- a. Distribution .zip files
- b. SilverFabric\_tibcoadldap\_componentType\_3.0.0.zip
- c. SilverFabric\_tibcoadldap\_container\_3.0.0\_gridlib.zip

These file names and version numbers are provided as a guide. The file names and the versions of your files might vary depending on the currently available release.

### Task A Get the Distribution ZIP files

The distribution archives can be obtained from either the installation media or from the TIBCO official download site, <https://download.tibco.com>. For each operating system platform that is used as a target for publishing has specific sets of distribution files.

The distribution files ensure that the proper TIBCO product installer is used during publishing. Choose the sets of zipped archives for your intended target platforms. The rollup zip archive must be downloaded and extracted.

Handling of the rollup zip archive is described here.

1. Download the required platform specific rollup zip archive.



Do **not** copy the platform archive file, and the rollup file directly to the directory: `SILVERFABRIC_HOME/webapps/livecluster/deploy/resources/gridlib/`

2. Extract the downloaded rollup archive into a temporary directory.  
All the distribution archives, except the TIBCO ActiveMatrix<sup>®</sup> Adapter for LDAP distribution, are extracted to that temporary directory.

The TIBCO<sup>®</sup> Silver Fabric Enabler for Adapter for LDAP distribution is downloaded separately.

3. Copy the extracted content, distribution grid library archives, to the directory:  
`SILVERFABRIC_HOME/webapps/livecluster/deploy/resources/gridlib/`



After implementation of Tibco Runtime Agent 5.9.0, there are no Tibco Runtime Agent common roll-up files. You need to copy the distribution gridlib files directly from TIBCO official download site, for the specific product. Then copy the distribution grid library archives to the Silver Fabric gridlib directory.

4. Download the **TIBCO®** Silver Fabric Enabler for Adapter for LDAP Distribution available from the TIBCO ActiveMatrix® Adapter for LDAP section of the TIBCO official download site: <https://download.tibco.com>.

It is named according to the current version release number and the operating system supported with a name such as the following:

**SilverFabric\_adldap\_6.1.1\_0\_linux24gl23\_x86\_64\_distribution\_gridlib.zip** or

**SilverFabric\_adldap\_6.1.1\_0\_win\_x86\_64\_distribution\_gridlib.zip**

5. Without extracting the file, copy the TIBCO ActiveMatrix® Adapter for LDAP distribution directly to:  
`SILVERFABRIC_HOME/webapps/livecluster/deploy/resources/gridlib/`

### Task B Copy the Container Compressed files

After installation, the Grid Library containers are stored in the directory:

`SFLD_HOME\3.0\gridlib`

Copy the container .zip files from `SFLD_HOME\3.0\gridlib` to the following directory:

`SILVERFABRIC_HOME\webapps\livecluster\deploy\resources\gridlib\`

For Silver Fabric running on a Unix or Linux - based platform, the container grid libraries should be copied to the analogous directory:

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

Alternatively, the distribution files can be dropped into any directory accessible to Silver Fabric, as long as it is specified for the Silver Fabric Administrator. Refer to the Silver Fabric documentation for more information on how to set another location for the distribution files.

For detailed information about Grid Libraries, distributions, and containers, refer to [Grid Libraries on page 8](#).

## Uninstallation

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To uninstall this product, do the following two tasks:

- [Task A, Removing Grid Libraries, on page 17](#)
- [Task B, Uninstall TIBCO® Silver Fabric Enabler for Adapter for LDAP, on page 17](#)

### Task A Removing Grid Libraries

1. Shut down all stacks running the TIBCO® Silver Fabric Enabler for Adapter for LDAP.
2. Remove all pertinent `SilverFabric_*.zip` files, (LDAP Containers and ComponentTypes) from the following directory:

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

### Task B Uninstall TIBCO® Silver Fabric Enabler for Adapter for LDAP

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 the **Uninstall Products from Selected TIBCO Home Location** radio button.
  - Select the **TIBCO Home location** from the drop-down list.
3. Click **Next**. The Welcome page is displayed.
4. Click **Next**. In the Uninstallation Type page displayed, choose **Uninstallation**. 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 the **Custom Uninstall (Select the Products to be Removed)** radio button, 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, if you want to clean up the /tools directory for this environment, click **Yes, Clean It up**.

7. Review the PostUninstall Summary and click **Finish** to exit the uninstall wizard.

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