



# TOC

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# Composer 24



# Get Started With Composer 24

The following steps guide you through the process of installing and configuring the Composer platform and provides an overview of developing embeddable content. In addition, read [Composer Personas](#) for a descriptions of the different job skills that contribute to the successful implementation and use of Composer.

Some of the setup work described below requires use of the Composer API.

API documentation is provided with your Composer installation at this link: `https://<composer-URL>/composer/swagger-ui.html`.

## 1. Product Installation

- a. Verify you have a server available that meets the sizing requirements of Composer. See [Server Size Guidelines](#) and [System Requirements](#) and [Installation Prerequisites](#).
- b. Install Composer using the supplied bootstrap script. See [Installation Steps](#). Optionally, install the product and its metadata store manually (see [Install Composer Manually](#)).
- c. Optionally, configure Composer servers in a distributed environment (either a load balanced environment or a high availability environment). See [Configure A ComposerSymphony Distributed Environment](#).
- d. License the product, if a new license is required. See [Request And Apply A New License Key](#).

## 2. Product Security and Authorization

- a. Integrate with your security software (LDAP, SAML, Kerberos, or X.509). See [Symphony Supported Authentication Tools](#).
- b. Set up Composer tenants, users, and groups, with appropriate privileges. See [Authorize ComposerSymphony Access](#).
- c. Define custom attributes, as needed, for each user. Custom attributes provide a way for administrators to create variables in user definitions. These variables can be interpolated in other fields elsewhere in the product. See [Specify Custom User Attributes](#).

## 3. Data Store Connector and Connection Configuration

- a. Log in as the supplied [admin user](#) (System Administrator) or a member of the Supervisors group and set up the Composer connectors needed to support the data stores your organization uses and that you will want to use for Composer data source configurations. See [Manage Connectors And Connector Servers](#).
- b. Log in as an administrator and define the connection strings necessary for the Composer connectors to access your data stores. See [Manage Data Discovery Data Store Connections](#).

## 4. Product Configuration



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- a. Activate logging. (regular -- Fluentd optional) See [Activity Logging](#), [Manage Activity Logs](#), and [Set Up Unified Logging Using Fluentd](#).
- b. Optionally, create custom charts needed by your organization. [Manage Custom Charts](#).
- c. Optionally, create admin-defined functions needed for your environment. [Admin-Defined Functions](#).
- d. Optionally, configure a different theme for the Composer UI. See [Manage UI Themes](#).
- e. Optionally, customize the Composer UI for your organization. See [Customize The Composer Visual Data Discovery User Interface](#).

## 5. Data Authoring

- a. Identify the data you need to use from your data stores to perform the data analytics you want.
- b. Define data source configurations that collect the data you need. Data source configurations use the data store connections previously defined. See [Manage Visual Data Discovery Data Sources](#).
- c. Optionally, configure row and column security for your data sources. See [Restrict Access To Data Using Row Security](#) and [Restrict Access To Fields Using Column Security](#).
- d. Optionally, configure permissions for each data source. See [About Source Permissions](#).

## 6. Dashboard and Visual Creation

- a. Configure the dashboards and visuals needed to analyze your data. See [Manage Dashboards](#) and [Manage Visuals](#).
- b. Optionally, configure permissions for each dashboard. See [About Dashboard Permissions](#).
- c. Optionally, specify how each visual can be interacted with when embedded. See [Control How Users Interact With A Visual](#).
- d. Optionally, share dashboards with other Composer users in your account. See [Share A Dashboard With Users Inside Your Tenant](#).
- e. Optionally, export a dashboard. See [Export Dashboards](#).
- f. Optionally, schedule a dashboard report. See [About Scheduled Dashboard Reports](#) and [About Scheduled Data Discovery Dashboard Reports](#).

## 7. Dashboard Embedding

- a. Set up Trusted Access and register your application as a client. See [Trusted Access](#).
- b. Embed Composer dashboards in your applications. See [Embed Components Into Your Application](#).



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- c. Optionally, enable embedded dashboard access from other sites using cross-origin sharing (CORS). See [Enable Composer Visual Data Discovery Component Access From Other Sites Using Cross-Origin Resource Sharing \(CORS\)](#).

The following additional topics may also be helpful.

- [Access Composer](#)
- [Log Into The Composer UI](#)
- [Switch Tenants](#)
- [Home Page](#)
- [About Dialog](#)

# Access Composer

## Access Composer from a Browser


1. Open a supported web browser. See [System Requirements](#) or see [caniuse.com](http://caniuse.com) to check whether your browser supports WebSocket technology.
2. If you have configured your firewall based on instructions above then use the following URL format:

```
http://<composer-server-IP-address>/composer
```

Otherwise, use the following URL format:

```
http://<composer-server-IP-address:8080>/composer
```

Ensure you replace the `<composer-server-IP-address>` placeholder with the one you obtained when you [identified your IP address](#).

 **Note:** If you receive a message indicating that Composer is not accessible yet, it may not have completed its setup yet. Please wait a few minutes before trying again or opening a Support ticket. If you continue to have issues accessing Composer from your browser, open a ticket with Composer [Technical Support](#).

3. The browser issues a warning specifying that the security certificate is not trusted. This warning occurs because the certificate that is deployed is self-signed. The warning does not appear when deploying your own certificate. For now, select **Proceed anyway**.
4. The first time that you access the login screen, you are asked to change the passwords for both the admin and the supervisor users. See [Supplied Users And User Groups](#) for more details.

To log into Composer, see [Log Into The Composer UI](#).



# Log Into the Composer UI

When you launch your browser and enter the web address provided by your administrator, you will see a login box. For more information on accessing Composer from a web browser, see [Access Composer](#).

Your administrator's instructions provide guidance about using a single sign-on system if your organization's installation is configured to use one. In that case, select **Login** and proceed as directed by your organization's guidance. If your company uses Composer's authentication, select the box labeled **Show Composer Authentication**.



**Note:** We recommend that you log into Composer for the first time using supervisor credentials. This allows you to review all the account-level features available. As a supervisor, you can access functions that let you define accounts and connect your data sources to Composer. You can also create and activate user accounts, including an admin user account that will allow you to access the admin functions. See [Supplied Users And User Groups](#).

## Sign On Using Composer Credentials

To sign on using Composer credentials, enter your User Name and Password in the appropriate fields.



If this is your first time accessing Composer, you may be asked to change a password. This is determined by your organization's administrator. For any questions or issues, contact your administrator.

After you have logged in, you can switch between the Composer accounts to which you have been assigned. See [Switch Tenants](#).




## Switch Tenants

If a user is assigned to multiple tenants, they can switch between tenants when working in Composer. Users can also be members of different groups on each tenant, with settings specific to each group in each tenant.

While you don't have to maintain multiple tenants, Composer makes it easy to do so if you need to establish separate working areas for various groups in your organization.

- By default, users are assigned to the *Visual Data Discovery* tenant.
- After you've added more tenants, you can assign users to one or more tenants as needed. See [Assign and Remove Users in Tenants](#).
- If your environment has users who are assigned to multiple tenants, you can specify which tenant the user uses the next time they log in. See [Set the Current Tenant for a User](#).

## Switch Tenants

1. Log into Composer as a user assigned to multiple tenants.
2. From the UI menu () , select **My Tenants**. A submenu opens, listing the names of the tenant you can access.
3. Select the tenant you want to work in from the list of your tenants.

Depending on your group memberships and settings, you may have different levels of access to Composer features and functions in different tenants. After switching tenants, your group membership and other settings determine what you can access of data sources, connections, and dashboards.

Admins and Supervisor Group members can specify the tenant seen by a user the next time they log in. See [Set the Current Tenant for a User](#). You can also assign users to multiple Composer tenants. See [Assign and Remove Users in Tenants](#).



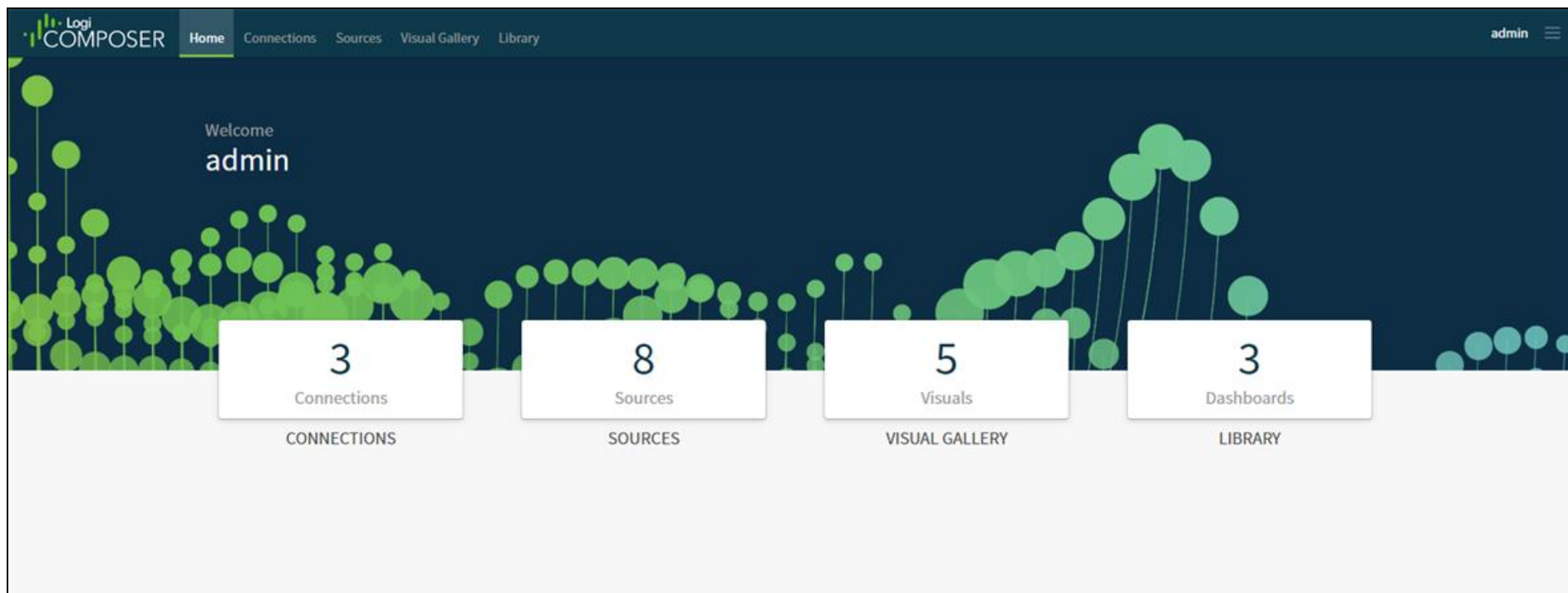
# Home Page

When you [log in](#), the Composer home page opens. Explore and interact with your Composer environment, including its dashboards, visuals, and visualizations in a variety of ways.

This topic covers the different options and features available to you.

## View the Home Page


Easily access the home page from anywhere in the UI by selecting the Composer logo in the upper left corner or by selecting **Home** on the [top-level navigation banner](#).



Depending on your application privileges, this home page displays the numbers of connection definitions, data source configuration definitions, visuals, and dashboards in the environment. It also provides easy access to lists of connection and data source configuration definitions, the Visual Gallery, and the dashboard library. The home page does not show information or provide links for resources that your application privileges restricts you from viewing. The following additional selections are possible.

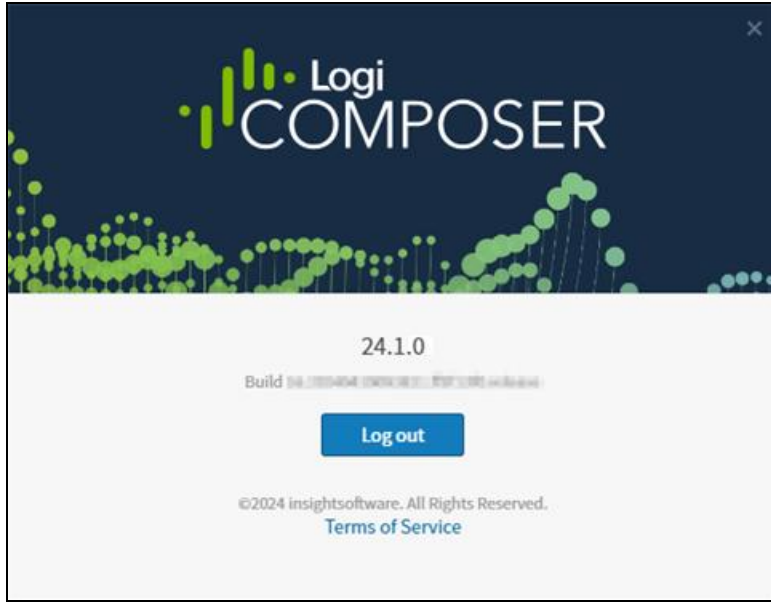


Category	Description
Connections	Shows the number of connections defined in your environment. Select this box to manage connections to data stores. The Connections page appears. See <a href="#">Manage Data Discovery Data Store Connections</a> .
Sources	Shows the number of data source configurations defined in your environment. Select this box to manage data source configurations. The Sources page appears. See <a href="#">Manage Visual Data Discovery Data Sources</a> .
Visual Gallery	Shows the number of visuals defined in your environment. Select this box to manage visuals in the Visual Gallery. The Visuals page appears. See <a href="#">Manage Visuals</a> and <a href="#">Use The Visual Gallery</a> .
Library	Shows the number of dashboards defined in your library. Select the <b>Dashboards</b> box to manage dashboards. The dashboard library appears. See <a href="#">Manage Dashboards</a> and <a href="#">Use The Dashboard Library</a> .

In addition to these selections, the user name you logged in with is shown in this work area. You can select the included hamburger icon () to access the [UI menu](#).

# About Dialog

The About dialog identifies the version of Composer you are using and provides a link to the terms of service. Access by selecting **About** in the [UI](#).



Log out of the product: Select **Log out**.

View the Terms of Service by selecting the Terms of Service link.



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# Contact Technical Support

To open a support ticket, use the Support tab using this link: <https://devnet.logianalytics.com/hc/en-us>.

# Composer Administration

Composer makes visual analytics easy for end users. Composer administrators are a big part of that. This docs portal will help you install, configure, maintain, and upgrade Composer.

## How Do I Administer Composer?

Composer is much like any installed software in that the administrator manages the software's life-cycle. Some tasks need to be done only when you start out or want to upgrade Composer.

- Read the [Composer overview](#).
- [Install Composer](#).
- [Configure Composer](#).
- [Upgrade Composer](#) to a new version.
- [Manage Composer](#) microservices.



**Important:** Composer uses a packaged PostgreSQL database instance to store its metadata. Use the provided instance due to the specific configuration and version combination:

- Composer v24.2 and earlier: PostgreSQL 12
- Composer v24.3 and later: PostgreSQL 16

If you would like to use another PostgreSQL instance, contact [Technical Support](#) for further guidance.



**Note:** New installations of Composer (v24.3 and later) use PostgreSQL 16. If you are upgrading your environment to v24.3 or later, you can retain your existing PostgreSQL version.

You do other tasks only as needed.



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- Configure a [high availability](#) environment.
- [Manage connectors](#) and [data source configurations](#).
- [Create custom metrics and derived fields](#).
- Manage [tenants](#), [groups](#), and [users](#).
- Manage [activity logging](#).
- [Start](#) and [stop](#) the Composer microservices.
- [Uninstall Composer](#).

You'll need to do some maintenance tasks at regular intervals.

- [Review activity logs](#).