

```
+++ title = "Data source permissions" description = "Grafana Datasource Permissions Guide" aliases = ["docs/sources/permissions/datasource_permissions.md"] keywords = ["grafana", "configuration", "documentation", "datasource", "permissions", "users", "teams", "enterprise"] weight = 500 +++
```

Data source permissions

Data source permissions allow you to restrict access for users to query a data source. For each data source there is a permission page that allows you to enable permissions and restrict query permissions to specific **Users** and **Teams**.

Only available in Grafana Enterprise.

Enable data source permissions

```
{{< figure src="/static/img/docs/enterprise/datasource_permissions_enable_still.png" class="docs-image--no-shadow docs-image--right" max-width= "600px" animated-gif="/static/img/docs/enterprise/datasource_permissions_enable.gif" >}}
```

By default, data sources in an organization can be queried by any user in that organization. For example, a user with the `Viewer` role can issue any possible query to a data source, not just queries that exist on dashboards they have access to.

When permissions are enabled for a data source in an organization, you restrict admin and query access for that data source to admin users in that organization.

Enable permissions for a data source:

1. Navigate to **Configuration > Data Sources**.
2. Select the data source you want to enable permissions for.
3. On the Permissions tab, click **Enable**.

Caution: Enabling permissions for the default data source makes users not listed in the permissions unable to invoke queries. Panels using default data source will return `Access denied to data source` error for those users.

Allow users and teams to query a data source

```
{{< figure src="/static/img/docs/enterprise/datasource_permissions_add_still.png" class="docs-image--no-shadow docs-image--right" max-width= "600px" animated-gif="/static/img/docs/enterprise/datasource_permissions_add.gif" >}}
```

After you have enabled permissions for a data source you can assign query permissions to users and teams which will allow access to query the data source.

Assign query permission to users and teams:

1. Navigate to **Configuration > Data Sources**.
2. Select the data source you want to assign query permissions for.
3. On the Permissions tab, click **Add Permission**.
4. Select **Team** or **User**.
5. Select the entity you want to allow query access and then click **Save**.

Disable data source permissions

```
{{< figure src="/static/img/docs/enterprise/datasource_permissions_disable_still.png" class="docs-image--no-shadow docs-image--right" max-width= "600px" animated-gif="/static/img/docs/enterprise/datasource_permissions_disable.gif" >}}
```

If you have enabled permissions for a data source and want to return data source permissions to the default, then you can disable permissions with a click of a button.

Note that *all* existing permissions created for the data source will be deleted.

Disable permissions for a data source:

1. Navigate to **Configuration > Data Sources**.
2. Select the data source you want to disable permissions for.
3. On the Permissions tab, click **Disable Permissions**.