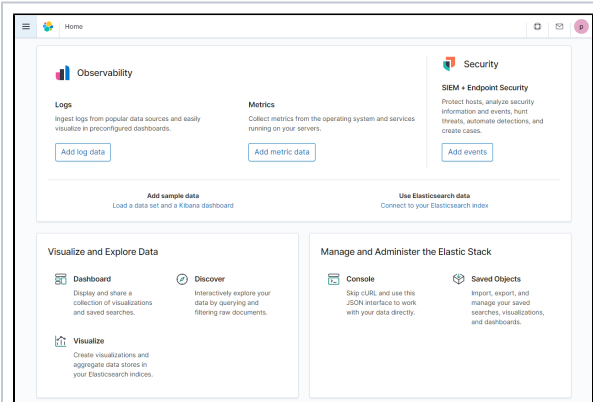


Kibana

Kibana: Analyzing Data



Scheer PAS uses Kibana to view, filter and search the platform log s for all services.

Kibana is an open source analytics and visualization tool designed to work with Elasticsearch. With Kibana you can search, view, and interact with data stored in Elasticsearch indices. You can perform advanced data analysis and visualize your data in a variety of charts, tables, and maps.

On this Page:

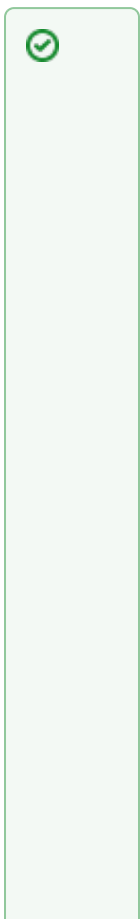
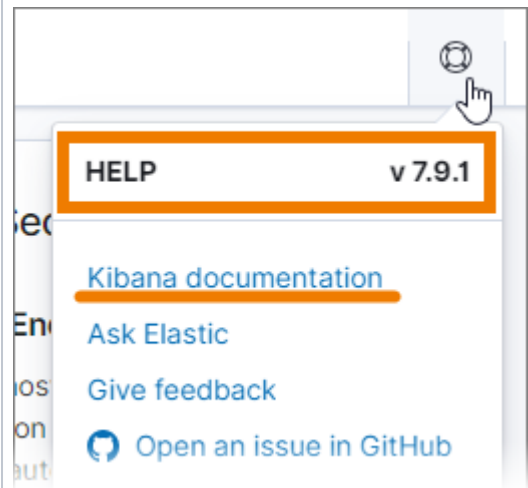
- [Kibana: Analyzing Data](#)
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 - [Creating Dashboards](#)

Related Pages:

- [3rd Party Tools](#)
 - [Keycloak](#)
 - [Portainer](#)

Related Documentation:

- [API Management](#)
 - [Metrics](#)
- [OpenDistro](#)
- [Official Kibana Documentation](#)
 - [Webinar: Getting started with Kibana](#)



For detailed information on Kibana, its features and how to use them, refer to the [Official Kibana Documentation](#). Please note that **Scheer PAS** does not use the regular Elasticsearch/Kibana installation but the [OpenDistro](#) version. Some Kibana features may not be available in the OpenDistro version.

Please note that the official documentation may vary according to different versions of the tool.

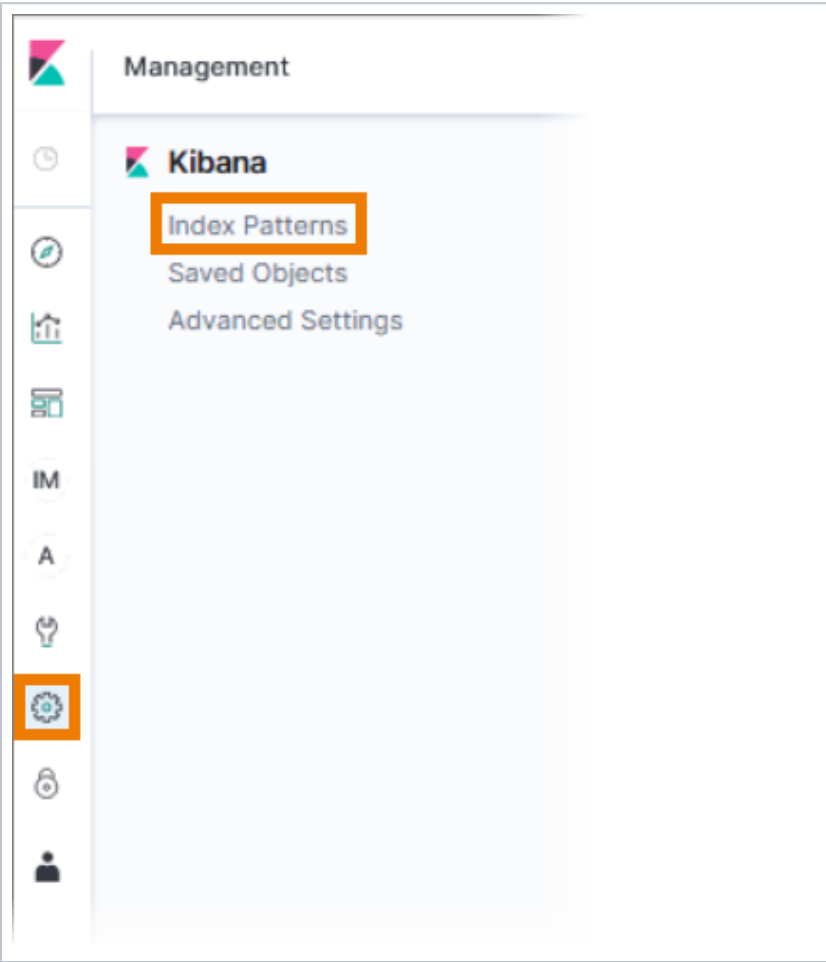
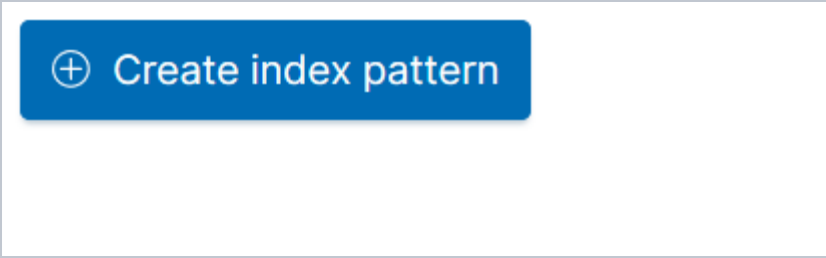
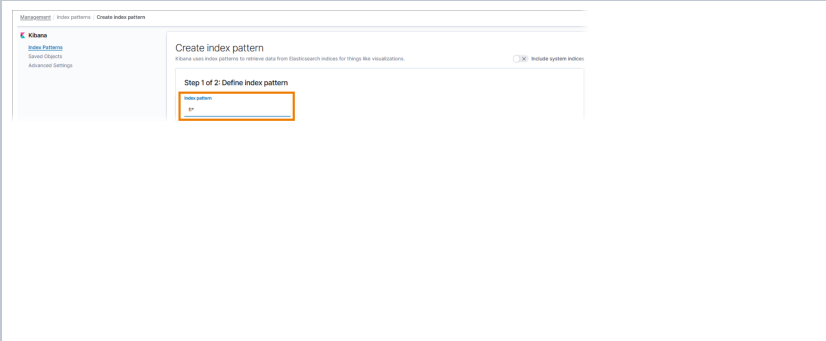
Before consulting the documentation check your Kibana version. It is displayed if you open the help menu



where you can also find a direct link to the official documentation.

Creating an Index Pattern

Kibana needs to know which Elasticsearch indices contain the data you want to analyze. So you have to create an index pattern in Kibana first to make sure that data is available. If your Kibana is empty and does not contain an index pattern yet, Kibana asks you to create one. You need to do this only once after the first login, then all users with Kibana permission can view the logs.


| | |
|---|---|
|  | <p>To set the index pattern, open Kibana and log in with the admin user.</p> <ul style="list-style-type: none">• Go to Management > Index Patterns. |
|  | <ul style="list-style-type: none">• Click button Create index pattern. |
|  | <ul style="list-style-type: none">• Set the index pattern name el*, then click Next Step. |

In the next window, open the drop-down list of **Time field** and select **@timestamp**, then click **Create index pattern**.

Go to menu **Discover**: Now you can see the service logs.

If no logs are displayed, extend the time range.

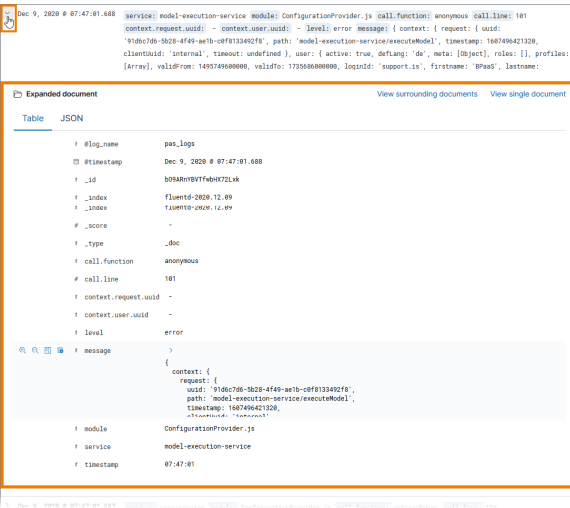
Discover: Searching Your Data

To access the functionalities of Kibana, open the menu  on the Kibana start page.

The **Discover** option allows you:

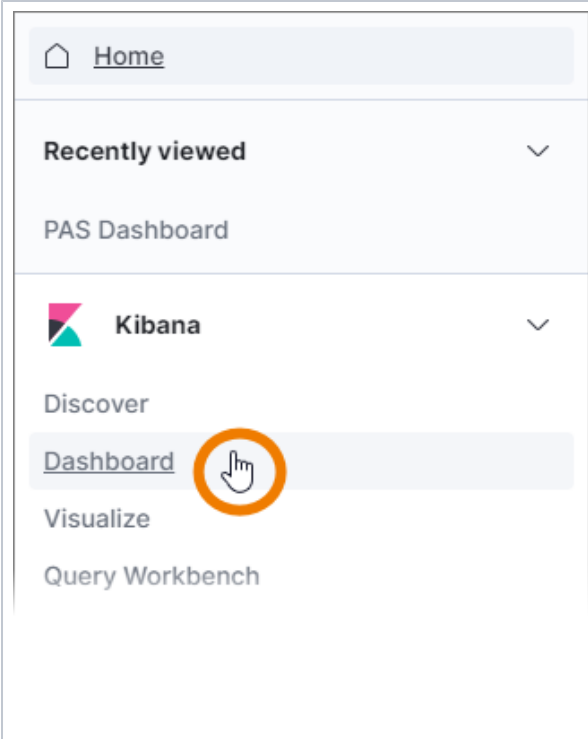
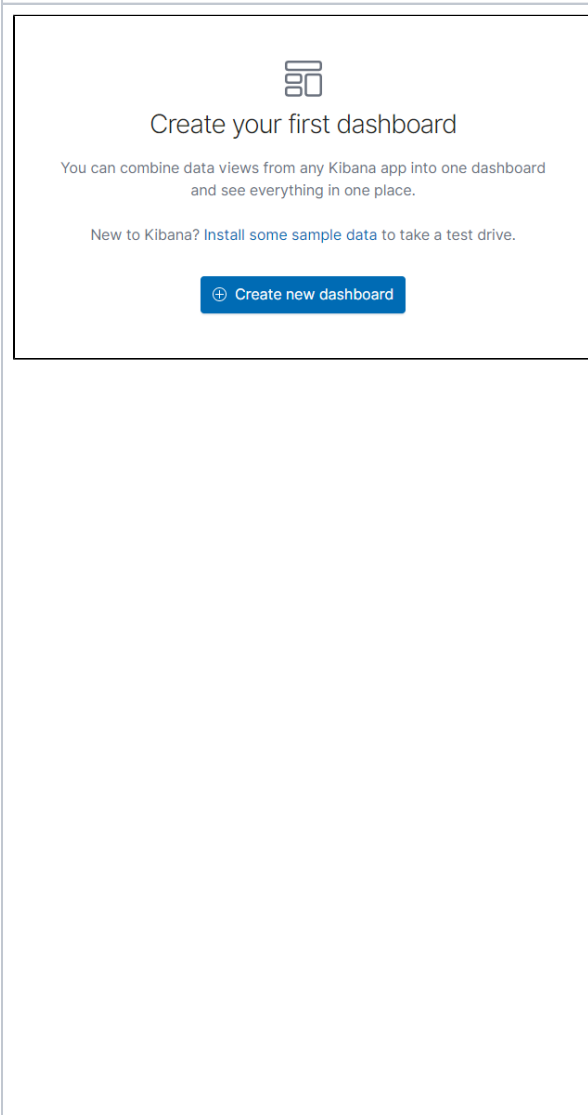

- to select data for exploration.
- to set a time range for the data.
- to search your data with the Kibana Query Language.
- to filter the results.
- to explore the details of your data.
- to view individual documents.
- to create tables that summarize the contents of the data.

✔ The [Official Kibana Documentation](#) offers a tutorial on [how to use the Discover option](#).



1. **Search Query:**
Enter your search query here. Visit the official [Kibana documentation](#) to get detailed information about the [Kibana Query Language \(KQL\)](#).
2. **Time Range:**
Click here to set a time range for the data you want to inspect.
3. **Sidebar:**
Use the sidebar to select your index pattern and to access the list of available fields.
4. **Time Histogramm:**
Shows the time range of the displayed data.
To view the count of documents for a given time, drag the mouse over the histogram.
5. **Documents Table:**
All documents/data available for the set time range are displayed here. You can customize the display and adapt it to your needs.

Creating Dashboards

| | |
|--|---|
|  | <p>Kibana also offers the possibility to create your own dashboards.</p> <p>You can add a variety of different panels to inspect and visualize your data, for example area charts, bar and line charts, tree and heat maps, metrics, data tables and many more.</p> <p>Choose option Dash board in the sidebar to start.</p> |
|  | <p>If no dashboards are available, you are asked to create your first dashboard. For example, use a query saved in Discover to insert it as block in your dashboard.</p> <div data-bbox="979 1312 1091 1969"> R e f e r t o p a g e D a s h b o a r d i n t h e O f f i c i a l</div> |

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Dashboards

[+ Create dashboard](#)

| <input type="checkbox"/> Title | Description | Actions |
|---|-------------|---------|
| <input type="checkbox"/> My Service Dashboard | | |
| <input type="checkbox"/> Scheer PAS Dashboard | | |
| <input type="checkbox"/> Test Dashboard | | |

Rows per page: 20

[<](#) [1](#) [>](#)

If you have already created some dashboards, the available dashboards are displayed.

Use the list to open, edit or delete your dashboards.