

## Welcome to the Metadata-Hub-OpenSearch Wiki

The MdH-OpenSearch is an end-user search engine for the Metadata-Hub. Based on a OpenSearch Cluster. Everything is completely pre-installed and pre-configured within a Docker container. Our search engine aims to provide users with a user-friendly way to search for metadata in the OpenSearch and quickly find relevant information. With the user search engine, users can refine their search queries and obtain targeted results using intuitive search functions and filtering options. The search engine also allows them to search for different categories of metadata to further customize their search results.

**MdH-OpenSearch integrates all these functionalities into a single search engine, allowing you to:**

1. **Perform Full-text Search:** It includes built-in capabilities for conducting powerful full-text searches, enabling you to search and retrieve relevant information from your indexed data.
2. **In MdH-OpenSearch, the OpenSearch Dashboard can be utilized to virtualize and visualize various types of data, including statistics.** By connecting to data sources and configuring visualizations, you can create dynamic and interactive dashboards that present statistical information in a meaningful way.
3. **Scale Limitlessly:** MdH-OpenSearch offers unlimited scalability, allowing you to handle increasing volumes of data and growing workloads without compromising performance or efficiency.
4. **Customize to Your Needs:** It provides flexibility in customization, allowing you to tailor the search engine according to your specific requirements. You can configure and optimize various parameters, such as relevance ranking, filtering, and faceted search, to enhance the search experience.
5. **Seamlessly Integrate with the Metadata Hub:** MdH-OpenSearch is seamlessly integrated with the Metadata Hub, enabling efficient search and retrieval of metadata information. It enhances the overall functionality and usability of the Metadata Hub platform.
6. **Deploy as a Prebuilt Docker Image:** MdH-OpenSearch is conveniently packaged as a prebuilt Docker image, making it easy to deploy and manage within your existing infrastructure. This streamlines the installation and setup process, saving time and effort.

With MdH-OpenSearch, you have a comprehensive search solution that combines essential features, scalability, customization options, and seamless integration with the Metadata Hub.

**Here you can find the links to the specific documentation files.**

Docs:

- User Documentation
- Design Documentation
- Build/Deploy Documentation

Check out our amazing logo

# OPEN SEARCH



# META DATA HUB