

SESSIONS 2



mongoDB

Working with MongoDB GUI Tools

Data Science Program

Download and Installation

MongoDB Compass

As the GUI for MongoDB, MongoDB Compass allows you to make smarter decisions about document structure, querying, indexing, document validation, and more. Commercial subscriptions include technical support for MongoDB Compass.

MongoDB Compass is available in several versions, described below. For more information on version differences, see the [MongoDB Compass Documentation](#).

- **Compass**

The full version of MongoDB Compass, with all features and capabilities.

- **Readonly Edition**

This version is limited strictly to read operations, with all write and delete capabilities removed.

- **Isolated Edition**

This version disables all network connections except the connection to the MongoDB instance.

Available Downloads

Version
1.23.0 (Stable) ✓

Platform
Windows 64-bit (7+) (Zip) ✓

Package
zip

Download

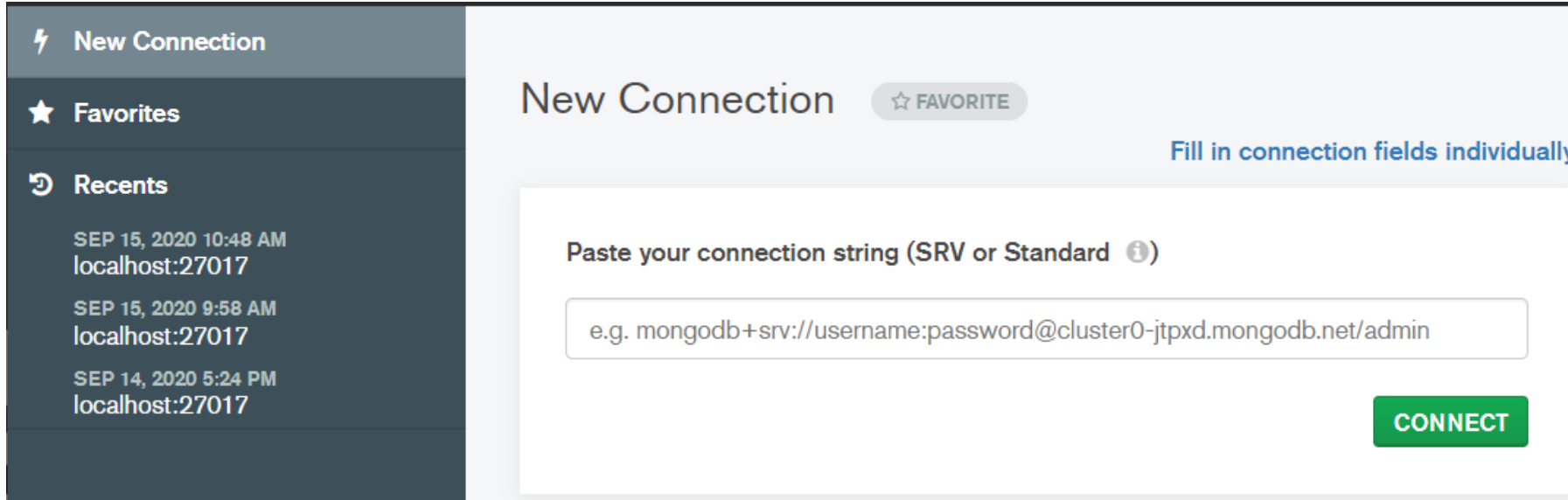
Copy Link

[Documentation](#)

Open browser and download mongoDB Compass

<https://www.mongodb.com/download-center/compass>

New Connection

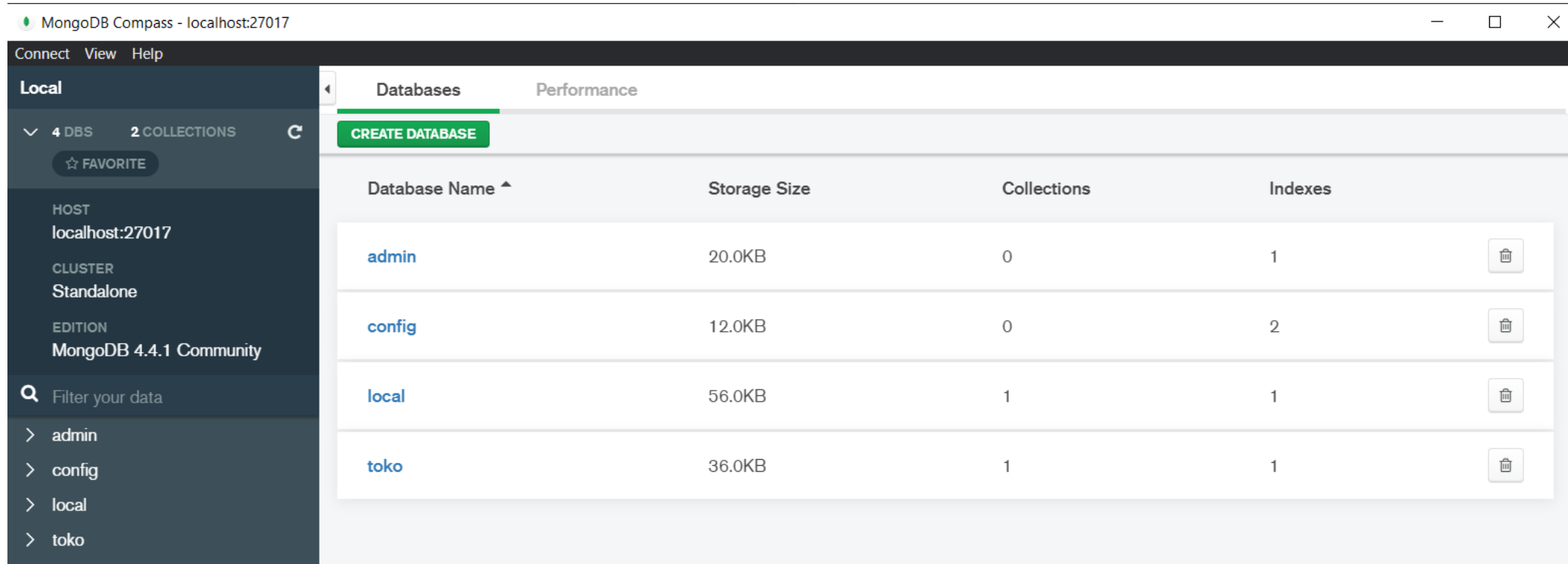


The screenshot shows the MongoDB 'New Connection' dialog. On the left is a sidebar with three sections: 'New Connection' (highlighted with a lightning bolt icon), 'Favorites' (star icon), and 'Recents' (circular arrow icon). The 'Recents' section lists three previous connections with timestamps and 'localhost:27017'. The main area is titled 'New Connection' with a '☆ FAVORITE' button. Below the title is a blue link that says 'Fill in connection fields individually'. A text box prompts the user to 'Paste your connection string (SRV or Standard)' with an information icon. Below this is a text input field containing the example string 'e.g. mongodb+srv://username:password@cluster0-jtpxd.mongodb.net/admin'. A green 'CONNECT' button is at the bottom right.

- Click **New Connection**
- Click “Fill in connection fields individually”
- After that click “connect”

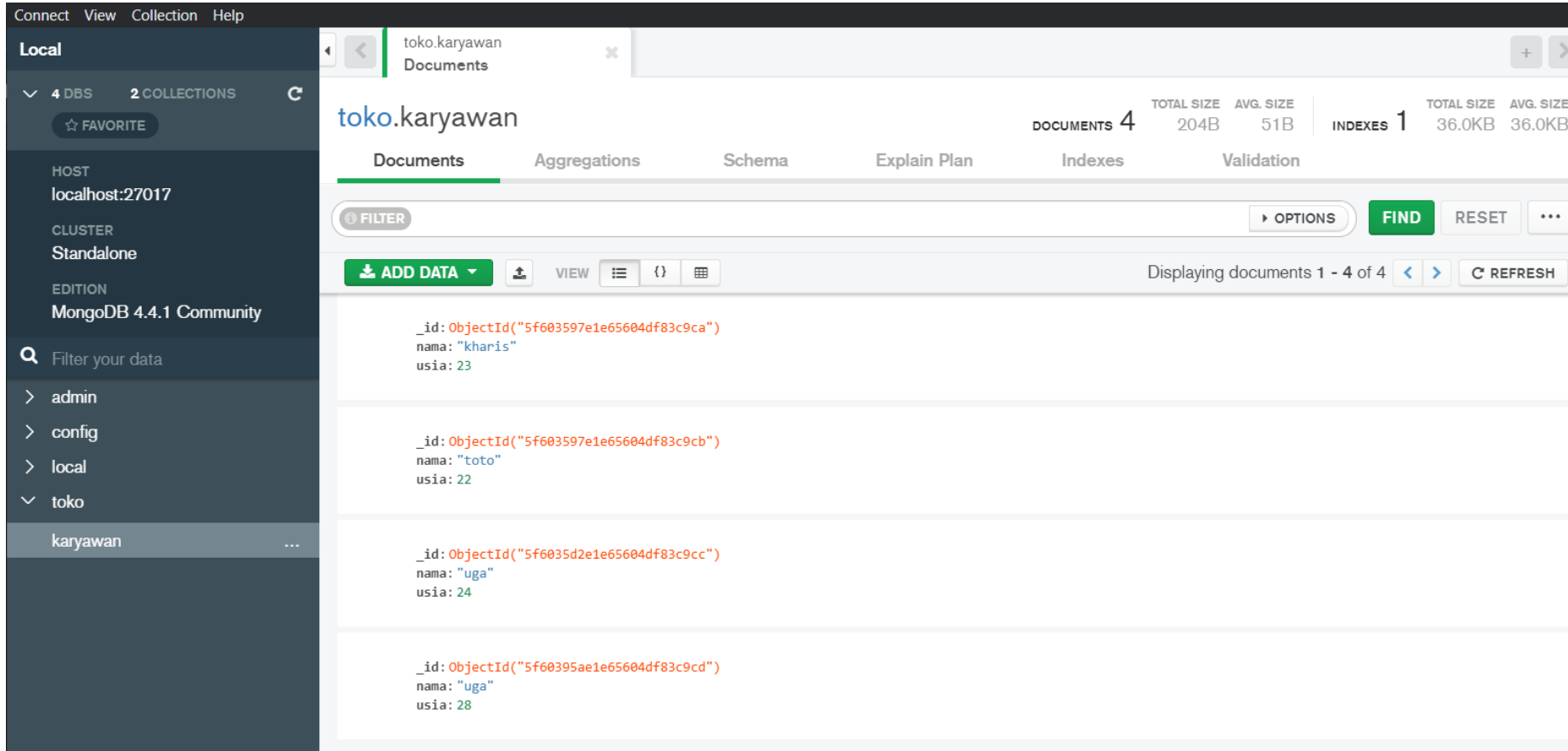
Note: authentication able to be none or using password and username it depend which option that you select during installation

Create Database



- If working, you can look at that image.
- You can create new database that you want
- Click on database *“toko”* and create collection *“karyawan”*

Create Collection and property of the data



The screenshot displays the MongoDB Compass web interface. On the left sidebar, the 'Local' section shows the connection to 'localhost:27017' and the 'toko' database. The 'karyawan' collection is selected. The main panel shows the 'Documents' tab for the 'toko.karyawan' collection. It indicates there are 4 documents, a total size of 204B, and an average size of 51B. Below this, there are tabs for Documents, Aggregations, Schema, Explain Plan, Indexes, and Validation. A 'FILTER' button and 'OPTIONS' are visible. The document list shows 4 documents, each with a unique '_id' (ObjectId), a 'nama' field, and an 'usia' field. The status bar at the bottom indicates 'Displaying documents 1 - 4 of 4'.

| Document | _id | nama | usia |
|----------|--------------------------------------|--------|------|
| 1 | ObjectId("5f603597e1e65604df83c9ca") | kharis | 23 |
| 2 | ObjectId("5f603597e1e65604df83c9cb") | toto | 22 |
| 3 | ObjectId("5f6035d2e1e65604df83c9cc") | uga | 24 |
| 4 | ObjectId("5f60395ae1e65604df83c9cd") | uga | 28 |

- You can easily for creating database, collection and property of the collection