

## Module 4: Integration with MongoDB And Email Servers

### MongoDB

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### Demo Document 2

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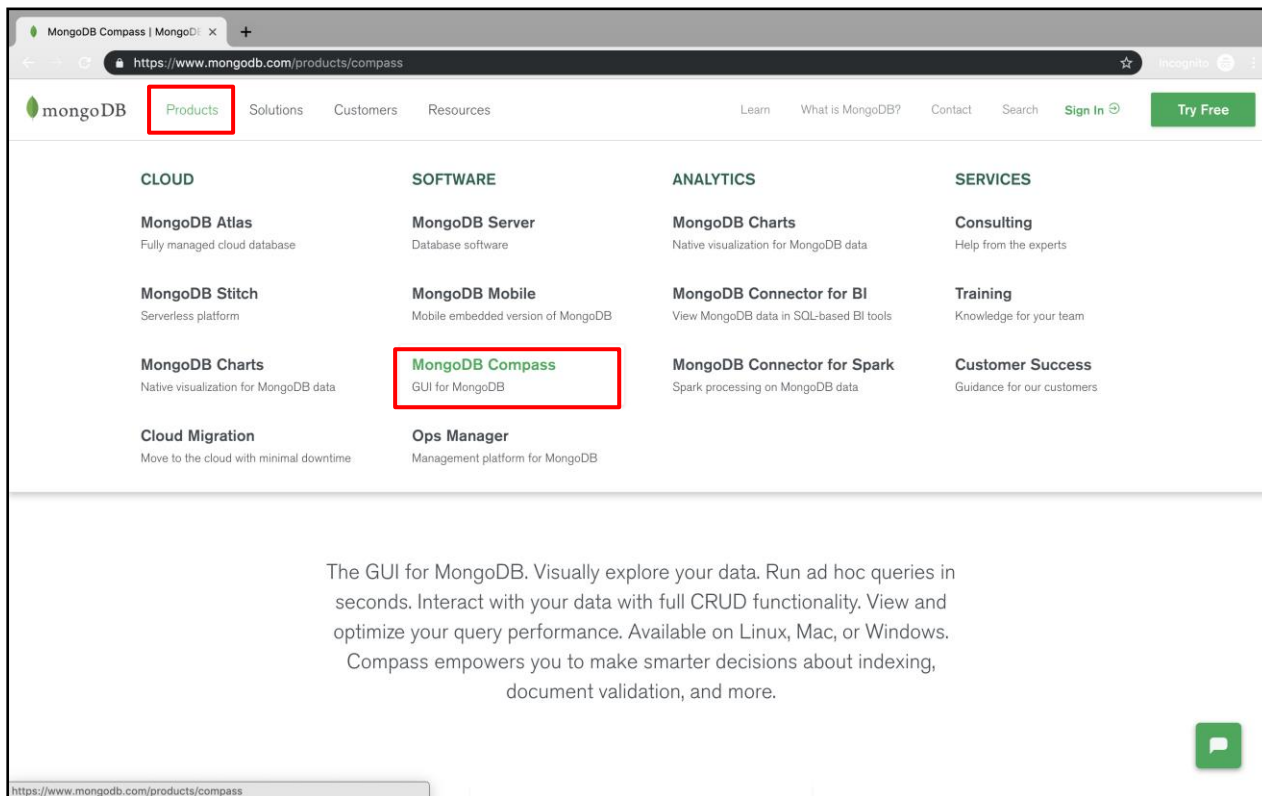
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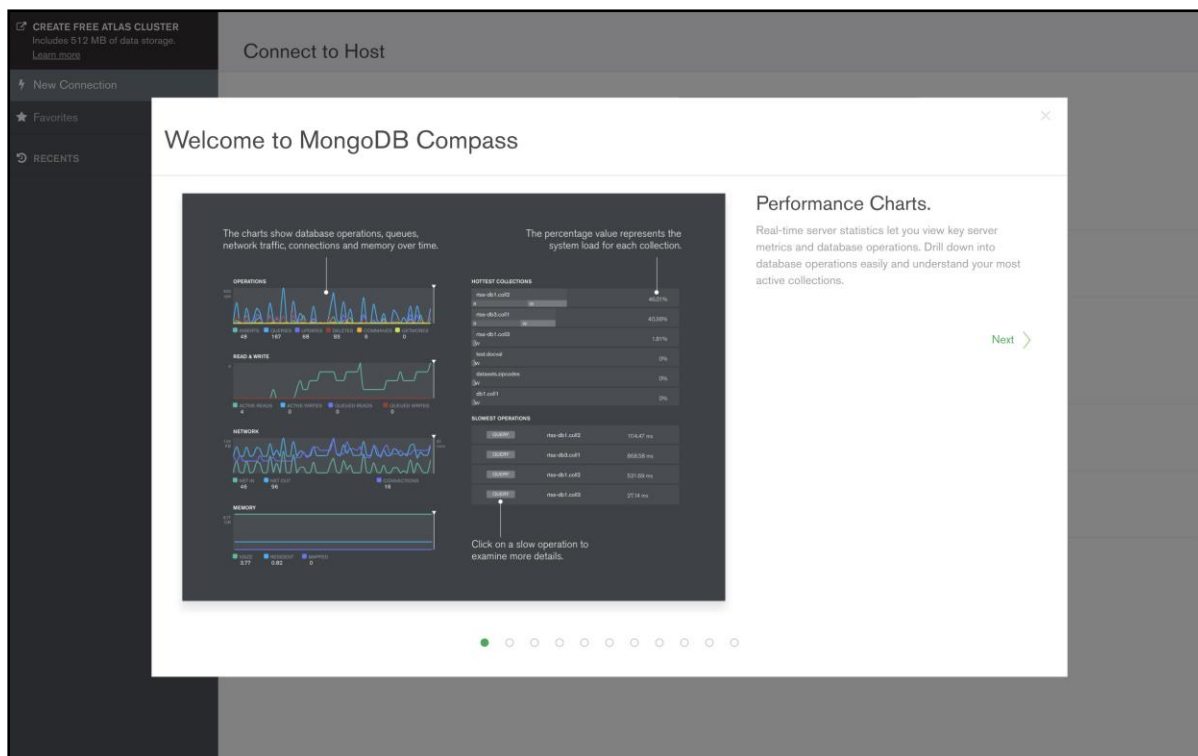
## Installation Of MongoDB Compass

### DEMO Steps:

**Step1:** Go to MongoDB website and select **MongoDB compass**



**Step 2:** Setup compass with default settings and click on **Next**.



**Step 3:** To Use Compass **run mongod server** using terminal/command prompt.

```
avi — -bash — 80x24
Last login: Thu May  9 09:12:02 on ttys000
Avyans-MacBook-Pro:~ avi$ mongod
```

**Step 4:** Make sure your mongo server is running on port **27017**.

```

2019-05-09T09:32:16.813+0100 I CONTROL [initandlisten] ** WARNING: This server
is bound to localhost.
2019-05-09T09:32:16.813+0100 I CONTROL [initandlisten] **          Remote syste
ms will be unable to connect to this server.
2019-05-09T09:32:16.813+0100 I CONTROL [initandlisten] **          Start the se
rver with --bind_ip <address> to specify which IP
2019-05-09T09:32:16.813+0100 I CONTROL [initandlisten] **          addresses it
should serve responses from, or with --bind_ip_all to
2019-05-09T09:32:16.813+0100 I CONTROL [initandlisten] **          bind to all
interfaces. If this behavior is desired, start the
2019-05-09T09:32:16.813+0100 I CONTROL [initandlisten] **          server with
--bind_ip 127.0.0.1 to disable this warning.
2019-05-09T09:32:16.813+0100 I CONTROL [initandlisten]
2019-05-09T09:32:16.813+0100 I CONTROL [initandlisten]
2019-05-09T09:32:16.813+0100 I CONTROL [initandlisten] ** WARNING: soft rlimits
too low. Number of files is 256, should be at least 1000
2019-05-09T09:32:16.868+0100 I FTDC [initandlisten] Initializing full-time d
iagnostic data capture with directory '/data/db/diagnostic.data'
2019-05-09T09:32:16.869+0100 I NETWORK [initandlisten] waiting for connections
on port 27017
2019-05-09T09:32:17.031+0100 I FTDC [ftdc] Unclean full-time diagnostic data
capture shutdown detected, found interim file, some metrics may have been lost.
OK

```

**Step 5:** Add all **connection string, HostName, Port Number and connect** compass with database server.

**Connect to Host**

Hostname: localhost

Port: 27017

SRV Record: ☐

Authentication: None

Replica Set Name:

Read Preference: Primary

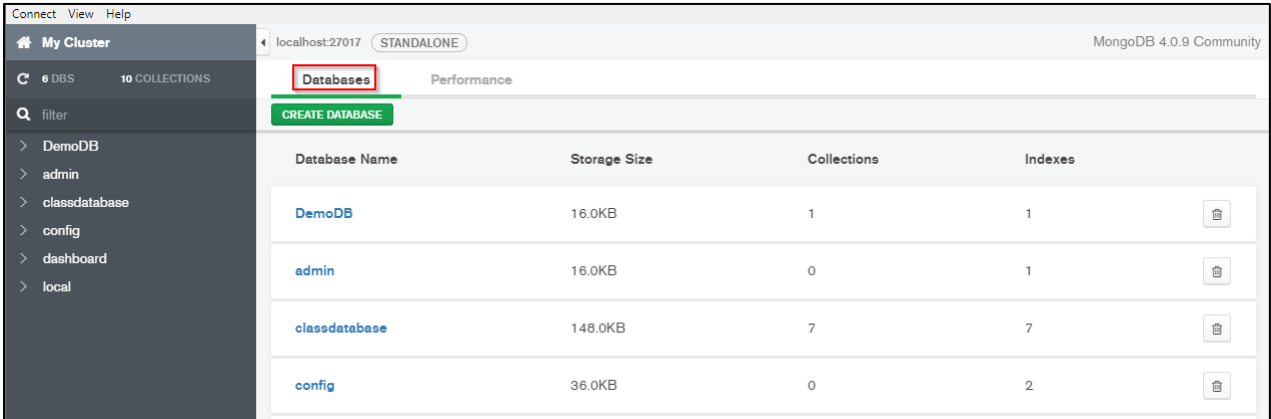
SSL: None

SSH Tunnel: None

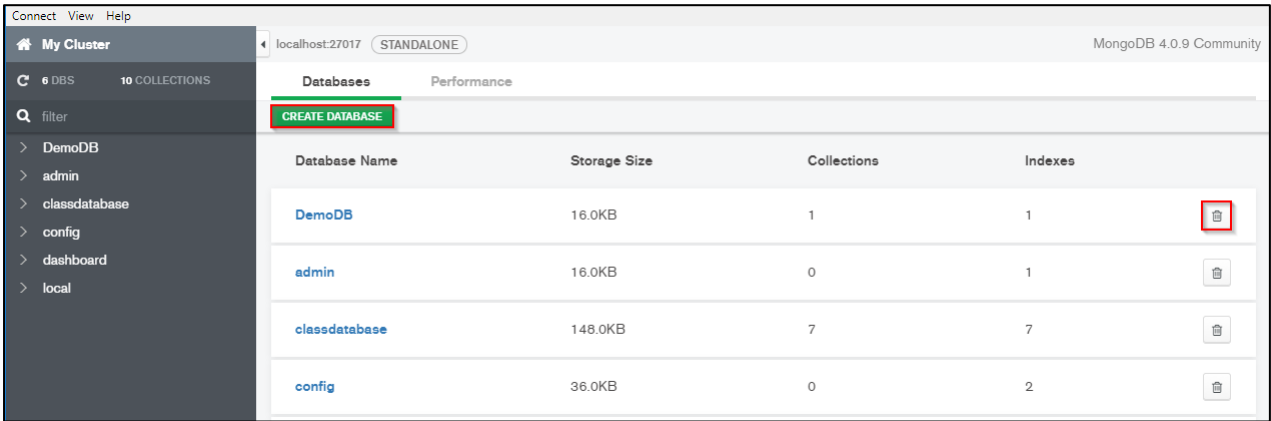
Favorite Name: e.g. Shared Dev, QA Box, PRODUCTION

**CONNECT**

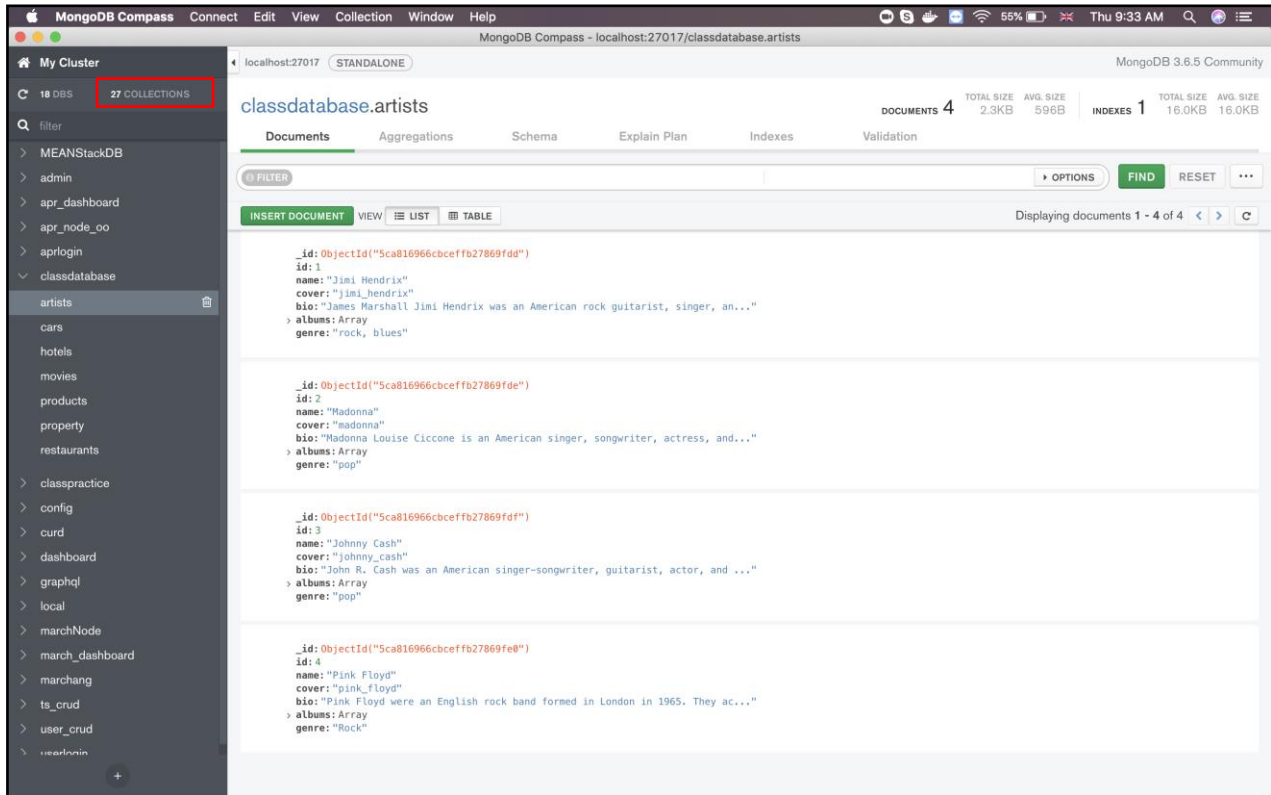
Step 6: Once compass is setup you will see all *database listed* over compass interface.



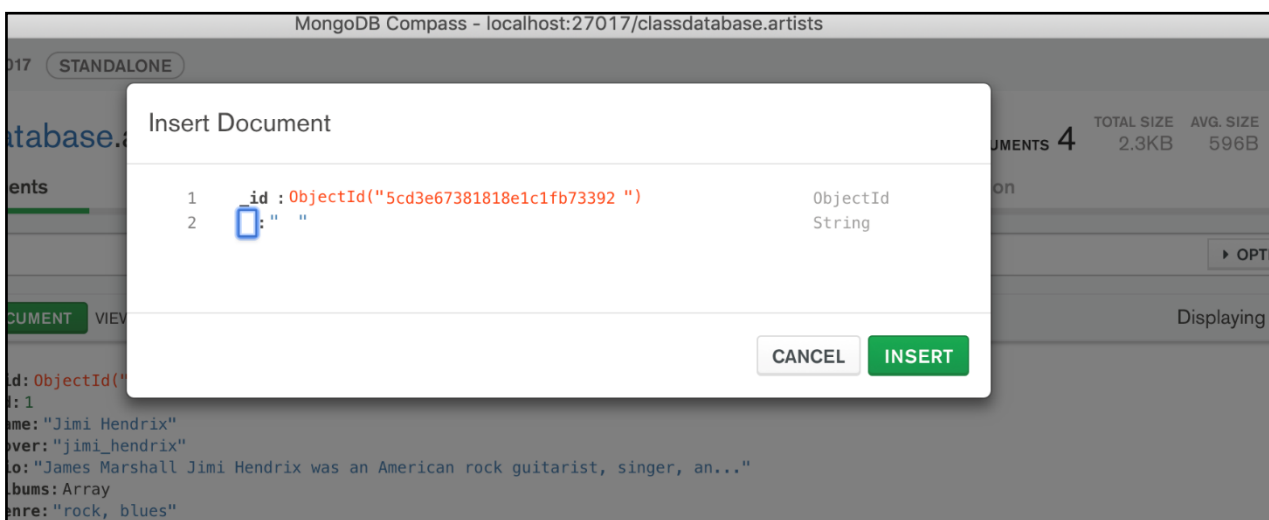
Step 7: Click on “create database” to create any database and use the “delete” option associated with it to delete any database.



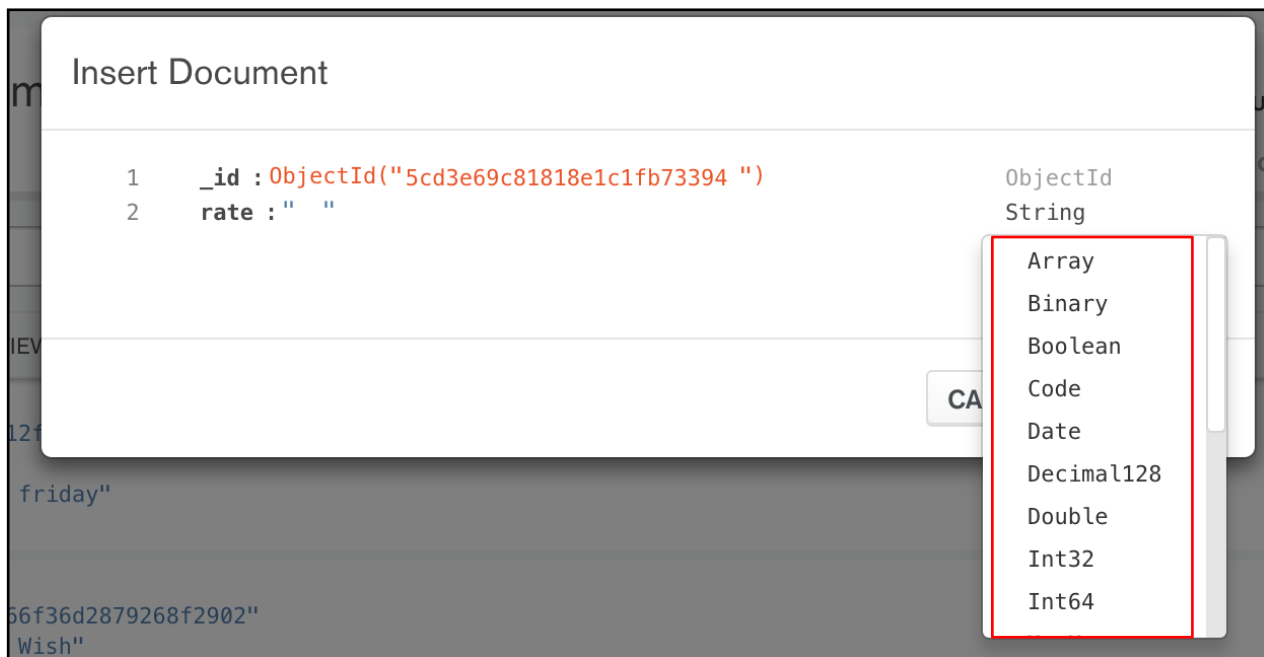
**Step 8:** Select **collection** from side menu and it will list all data from the collection. Click on **insert document** button to add new record in collection.



**Step 9:** Enter the data to be inserted.



**Step 10:** We can select **data type** of each field for inserting data. After entering data click on Insert button.



**Step 11:** **Check** the new document added in collection via dashboard.



**Step 12:** Click on **edit and Delete option** present in right corner of data collection to edit and delete any data.



## Conclusion:

We have successfully installed MongoDB compass and performed CRUD operation using it.

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