

Created and Last Updated Date: 5/31 by Lucinda Nguyen

How to Create a New Beta Instance

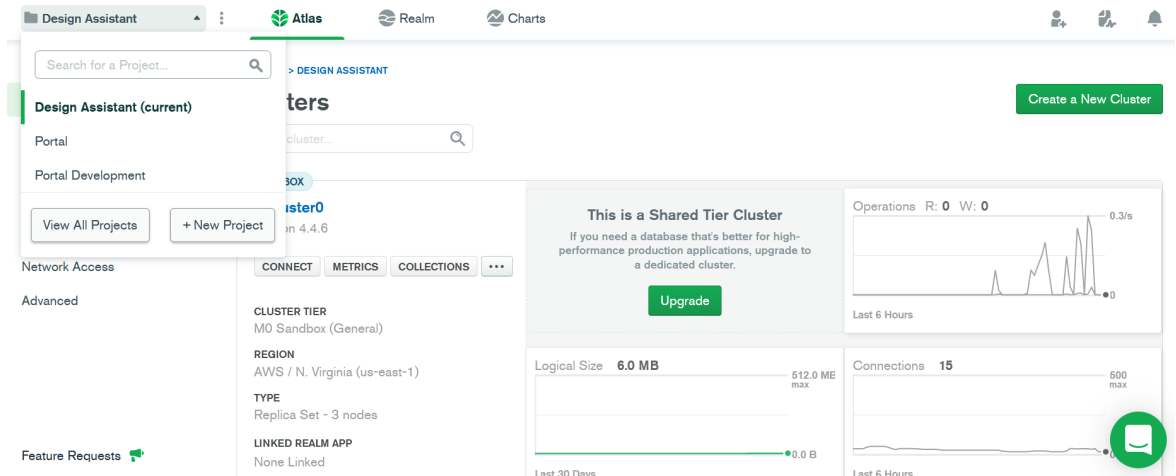
Login information for github, heroku, and mongodb are on the [Login doc](#)

1) On Github, create a new branch (using rai-certification-beta-1 as the base)

a) Name it rai-certification-beta-#

2) Login to [MongoDB](#)

a) Choose the [Design Assistant](#) Project



b)

c) Click on 'COLLECTIONS' button on Cluster0

d) Click on '+ Create Database'. Give it the name rai-certification-#

e)

f) Get the Mongo connection string

i) Go to database access tab

ii) Create a new user

(1) Authentication method: password

- (2) On database privileges, give the user dbAdmin and readWrite permissions for the newly created database (rai-certification-#)
- (3) Do not allow the user to have read/write to all databases

Password
Certificate
(MongoDB 4.4 and up)

MongoDB uses **SCRAM** as its default authentication method.

Password Authentication

altaml

Edit Password

Database User Privileges

Select a [built-in role](#) or [privileges](#) for this user.

Grant specific privileges

Specific Privileges

Select a role and what database it's associated with.

* Leaving Collection blank will grant this role for all collections in the database.

dbAdmin	@	rai-certification-2	Collection*	
readWrite	@	rai-certification-2	Collection*	

+ Add another role

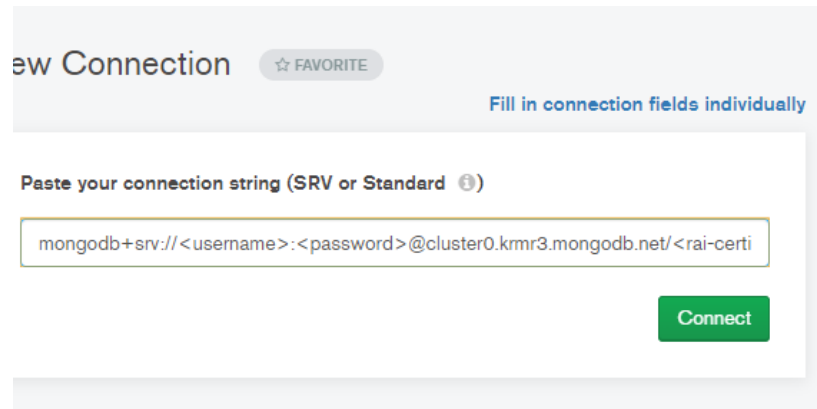
iii) Connection string will be

- mongodb+srv://<username>:<password>@cluster0.krmr3.mongodb.net/<rai-certification-#>

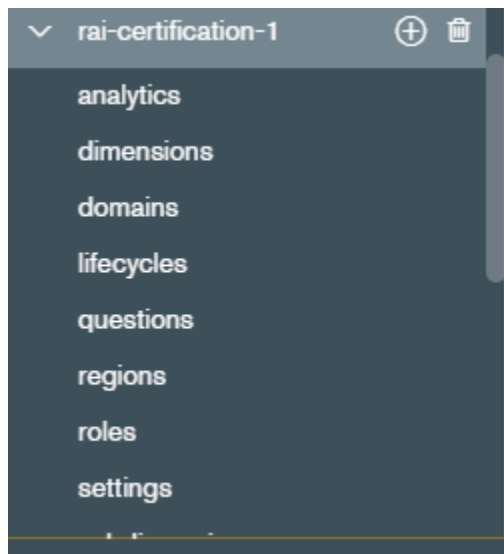
g) Populate the mongodb (Fresh new database)

- i) Download the FreshDB zip from shared google drive
<https://drive.google.com/file/d/1qficppiAopDOLkJSFShIK7Bkk-AbprW3/view?usp=sharing>

- ii) Download MongoDB Atlas and open it. Connect to mongodb using the connection string from the previous step



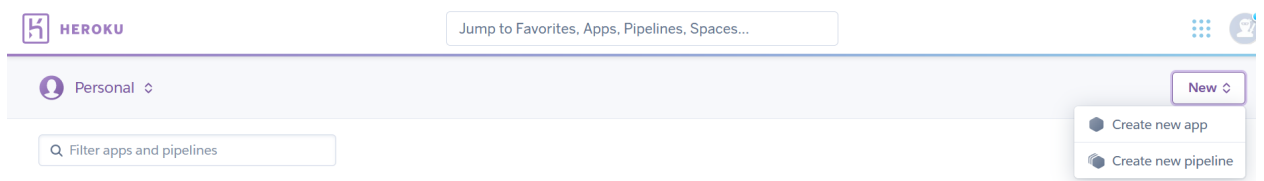
- iii)
- iv) **Create a collection for each of the json files (with the same name as the file name) under that database**



(1)

- v) Click on the collection (e.g. questions).
- vi) Click green 'Add Data' button → Import File
- vii) Select the Fresh-Certification-Database/questions.json file and JSON file type
- viii) Import

3) Login to heroku and create a new application



- 4) Name it rai-certification-beta-# and region United States
- 5) Go to the new app and click on deploy tab

- a) Deployment method: Github
 - b) Search for design assistant (on AI-global's account)
 - c) Connect to that github repo
 - d) On Automatic deployment section, choose the new github branch
- 6) Set the environment variables**
- a) Click on settings tab
 - b) Scroll down to config vars section (reveal config vars)
 - c) Set the following variables
 - i) MONGODB_URL =
mongodb+srv://<username>:<password>@cluster0.krmr3.mongodb.net/
<rai-certification-#>
 - ii) NODE_ENV = production
 - iii) REACT_APP_API_BASE_URL =
<https://rai-certification-beta-#.herokuapp.com>
 - iv) SESSION_TIMEOUT = 292000
 - v) MAILSERVICE_USERNAME = noreplyaiglobal@gmail.com
 - vi) MAILSERVICE_PASSWORD = [password for mail service]

Deployment

- Since automatic deployment is setup, any push to that rai-certification branch will cause heroku to build and redeploy the application
- If this is a change for all betas, then make a pull request to the other betas to update them as well