

Module 4.2 Assignment

MongoDB Atlas

For this assignment, you will be signing up for a free MongoDB Atlas account and installing MongoDB Compass.

MongoDB Atlas Signup

- Visit [MongoDB Atlas](https://www.mongodb.com/cloud/atlas) (<https://www.mongodb.com/cloud/atlas>)
- Select “Start free”
- Under “Get started free” enter
 - Your email address (use your Bellevue University supplied email address)
 - First Name
 - Last Name
 - Password
- Accept the “terms of service” and select “Get started free”

MongoDB Cluster Setup

- Under “Cloud Provider & Region” choose AWS and N.Virginia (us-east-1)
- Under “Cluster Tier” make sure “M0 Sandbox (Shared RAM, 512 MB Storage)” is selected
- Leave the defaults for everything else and select “Create Cluster”
- Take a screenshot of the page and save it as an image

Organization/Project Setup

- Locate the ellipse icon from the left-hand menu (below the top navigation bar) and select “Project Settings”
- Locate the “Project Name” input field and change it to **csd**
- Take a screenshot of the page and save it as an image

Security Provisions

- Select the **csd** project (left-hand drop down menu)
- Under the “SECURITY” section, select “Database Acces.”
- Under “Database Access,” select “Add New Database User”
- Leave “Password” selected as the “Authentication Method”
- Under “Password Authentication” give the user a name of **admin** and a password of **admin**
 - Note: if this were a real live database you would not use **admin/admin** for the users credentials. **I repeat, in a production/live database, do not do this!**
- Leave “Read and write to any database” selected and choose “Add User”
- Verify the user was added
 - You should see a new entry in the web page for the user we just created
- Take a screenshot of the page and save it as an image

Whitelist IP Addresses

- Under the “SECURITY” section locate “Network Access” and select it
- Under “Network Access” select the “IP Whitelist” tab and select “Add IP Address”
- In the pop-up window, enter **0.0.0.0/0** into the first input field and leave the second one blank and choose “Confirm”
- Verify the entry was added
 - You should see a new entry in the web page for the IP address we added
- Take a screenshot of the entry and save it as an image

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Note: in a production application you would not do this. Instead, you would only add the IP address of the applications connecting to your cluster. **I repeat, in a production database, do not do this!**

Access the Cluster

- Under the “DATA STORAGE” section, locate “Clusters” and select it
- Under “Clusters” select the “COLLECTIONS” button
- Take a screenshot of the page and save it as an image

Deliverable:

- Combine all images in a single word document and include your name, date, and assignment number