

# Apache Superset with Grafana

## Usage instructions:

The server has been set up for **automatic startup**. Once the instance is **fully running** you can access the web interface. Keep the instance running.

**For Superset:** In a web browser go to your instance's public IPv4 address:**8088**

- For ex: **http://23.365.32:8088**

### **Login Credentials:**

USERNAME: **admin**

PASSWORD: **Cc007!!!**

For more info see: <https://superset.apache.org/docs/configuration/configuring-superset>

**For Grafana:** In a web browser go to your instance's public IPv4 address:**3000**

- For ex: **http://23.365.32:3000**

### **Login Credentials:**

USERNAME: **admin**

PASSWORD: **admin**

For more info see: <https://grafana.com/docs/grafana/latest/fundamentals/>

\*For server access, you can connect using your Amazon private key and '**ubuntu**' login via your SSH client.

To update software, use: **sudo apt update && sudo apt upgrade -y**

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## **AWS Data**

- Data Encryption Configuration: This solution does not encrypt data within the running instance.
- User Credentials are stored: /root/.ssh/authorized\_keys & /home/ubuntu/.ssh/authorized\_keys
- Monitor the health:
  - Navigate to your Amazon EC2 console and verify that you're in the correct region.
  - Choose Instance and select your launched instance.
  - Select the server to display your metadata page and choose the Status checks tab at the bottom of the page to review if your status checks passed or failed.

## **Extra Information: (Optional)**

### **Allocate Elastic IP**

To ensure that your instance **keeps its IP during restarts** that might happen, configure an Elastic IP. From the EC2 console:

1. Select ELASTIC IPs.
2. Click on the ALLOCATE ELASTIC IP ADDRESS.
3. Select the default (Amazon pool of IPv4 addresses) and click on ALLOCATE.
4. From the ACTIONS pull down, select ASSOCIATE ELASTIC IP ADDRESS.
5. In the box that comes up, note down the Elastic IP Address, which will be needed when you configure your DNS.
6. In the search box under INSTANCE, click and find your INSTANCE ID and then click ASSOCIATE.
7. Your instance now has an elastic IP associated with it.
8. For additional help: <https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/elastic-ip-addresses-eip.html>