Downloading Java-11 and Apache NiFi in EC2-A

sudo apt update

sudo apt install -y openjdk-11-jdk

wget https://archive.apache.org/dist/nifi/1.15.3/nifi-1.15.3-bin.tar.gz

tar -xvzf nifi-1.15.3-bin.tar.gz

sudo mv nifi-1.15.3 /opt/nifi

/opt/nifi/bin/nifi.sh start

sudo nano /opt/nifi/conf/nifi.properties

nifi.web.http.port=8080

**Navigate to** https://<Your\_AWS\_Region>.console.aws.amazon.com/systems-manager/sessions

<http://<EC2-A-Private-IP>:8080/nifi>

Log into the NiFi GUI.

Drag and drop the **GetS3Object** processor onto the canvas.

Configure the processor:

**Bucket Name**: Your S3 bucket name.

**Access Key** and **Secret Key**: Use an IAM role that grants S3 access, ensuring you set the role with the appropriate permissions to access the bucket.

Use a **CSV Reader** processor to process the files, and connect it to the **GetS3Object** processor.

Downloading Grafana in EC2-B

wget https://dl.grafana.com/oss/release/grafana-7.5.7-1.x86\_64.deb

sudo apt install -y ./grafana-7.5.7-1.x86\_64.deb

sudo systemctl start grafana-server

sudo systemctl enable grafana-server

http://<EC2-B-Private-IP>:3000

Connect both applications to visulize the process.