Nifi Installation

Installation of Apache Nifi:

Open terminal.

Use wget command to download Apache Nifi.

```
wget https://archive.apache.org/dist/nifi/1.12.1/nifi-1.12.1-bin.tar.gz
```

Apache Nifi-1.12.0 tar file will be downloaded into your system.

Implementation of Apache Nifi Server:

Extract the Nifi tarball and move it to the "/usr/lib/" directory.

```
tar -xvf nifi-1.12.0-bin.tar.gz
sudo mv nifi-1.12.0 nifi
sudo mv nifi /usr/lib/
```

Change the directory to /usr/lib/nifi/

```
cd /usr/lib/nifi
```

Verifying Nifi

For verifying the Nifi use the following command.

```
cd /usr/lib/nifi/
./bin/nifi.sh --help
```

Start Apache Nifi server

```
cd /usr/lib/nifi/
./bin/nifi.sh start
```

You can see we can start, stop apache nifi server also we can check the status.

You can check the logs created by starting the Apache nifi server by executing the command

```
tail -f ../logs/nifi-app.log (Optional).
```


You have successfully started the Apache-Nifi server in the background. But to use Apache-Nifi UI, You have to set the firewall rules for the port 8080(nifi.web.http.port).

Now go to the browser, paste the external IP of the master node and add the 8080 port to it separated with ":" and add "/nifi" to it
i.e. <external_ip_of_masternode>:8080/nifi.