

Apache NiFi User Guide

Step 1: Launch EC2 Instance

- Launch an EC2 instance using the AMI: **Gigabits Apache NiFi Ubuntu 20.04**
- Make sure to configure the instance with the necessary security groups to allow inbound traffic on port **443** (for HTTPS) and **22** (for SSH).

Step 2: Access the EC2 Instance

Once the instance is running, use SSH to access the instance.

```
ssh -i /path/to/your.pem ubuntu@your-instance-public-ip
```

*Replace **/path/to/your.pem** with the path to your **SSH key**, and **your-instance-public-ip** with the public IP of your EC2 instance.*

Step 3: Configure Apache NiFi

1. Navigate to the NiFi configuration directory:

```
cd /opt/nifi/conf
```

2. Open the **nifi.properties** file:

```
vim nifi.properties
```

3. Update the **nifi.web.proxy.host** with your instance's public IP:

```
nifi.web.proxy.host=your instance's public IP  
E.g. nifi.web.proxy.host=3.87.129.16
```

Note: *You can get the public IP using the following command:*

```
curl ifconfig.me
```

4. Save the changes and exit the editor

Step 4: Set Admin Credentials

You can set credentials for the `admin` user using the following command:

```
/opt/nifi/bin/nifi.sh set-single-user-credentials admin admin@123_password
```

*(Replace **admin@123_password** with your desired password).*

Step 5: Restart NiFi

```
sudo systemctl restart nifi
```

Step 6: Verify Apache NiFi is Running

You can verify that NiFi is running and listening on port **443** using the following command:

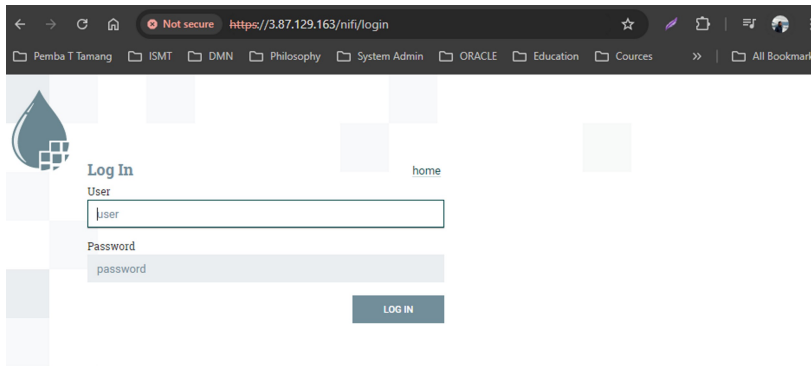
```
ss -tulnp | grep 443
```

You should see output indicating that NiFi is listening on port 443.

Step 7: Access Apache NiFi

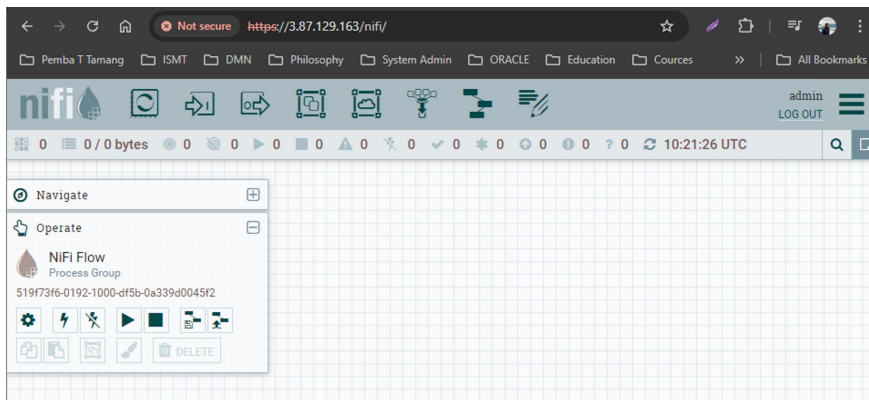
Open your browser and navigate to:

<https://your-public-ip/nifi> E.g. <https://3.87.129.163/nifi>



Step 8: Login

Use the credentials set earlier (***admin** as the username and your chosen password*).



Thank You!