

## Nifi Setup (Standalone)

### Prerequisites:

- Java-8 needs to be installed

#### Step1: Create Nifi directory

```
sudo mkdir /opt/nifi
cd /opt/nifi/
```

#### Step2: Download and extract Nifi tarball

```
sudo yum install -y wget
sudo wget https://archive.apache.org/dist/nifi/1.13.2/nifi-1.13.2-bin.tar.gz
sudo tar -xvzf nifi-1.13.2-bin.tar.gz
```

#### Step3: Modify Nifi Properties file

Set *<nifi-vm-ip>* address in `nifi.web.http.host` key (By default it will be 127.0.0.1 ) in `/opt/nifi/nifi-1.13.2/conf/nifi.properties` configuration file

```
# For security, NiFi will present the UI on 127.0.0.1
# Be aware that changing these properties may affect the UI
# We recommend configuring HTTPS instead. The admin UI will be available at https://localhost:8443/

nifi.web.http.host=10.0.0.15
nifi.web.http.port=8080
nifi.web.http.network.interface.default=

#####

nifi.web.https.host=
```

#### Step4: Add Nifi user

```
sudo adduser nifi
sudo chown -R nifi:nifi /opt/nifi/
```

#### Step4: Create Systemd file

```
sudo vi /etc/systemd/system/nifi.service
```

```
[Unit]
Description=Apache NiFi
After=network.target

[Service]
Type=forking
User=nifi
Group=nifi
ExecStart=/opt/nifi/nifi-1.13.2/bin/nifi.sh start
ExecStop=/opt/nifi/nifi-1.13.2/bin/nifi.sh stop
ExecRestart=/opt/nifi/nifi-1.13.2/bin/nifi.sh restart

[Install]
WantedBy=multi-user.target
```

**Step5: Start Nifi Service**

```
sudo systemctl start nifi
sudo systemctl enable nifi
```

**ref:** <https://github.com/hau-mal/articles/blob/master/nifi-install-azure-vm.md#:~:text=Install%20NiFi&text=Finally%20copy%20a%20core%2Dsite,client%20installation%20on%20your%20machine> .