Lab 3 – Install Nifi

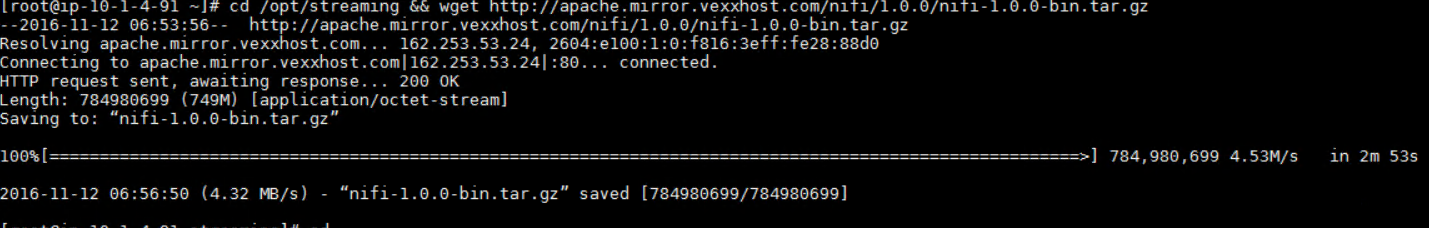
# Login, Download nifi to node03

1. Login to node03 of your cluster
2. Create directory “/opt/streaming”

|  |
| --- |
| mkdir -p /opt/streaming |

1. Download nifi tarball by executing command below

|  |
| --- |
| cd /opt/streaming && wget http://apache.mirror.vexxhost.com/nifi/1.0.0/nifi-1.0.0-bin.tar.gz |



# Extract Nifi software

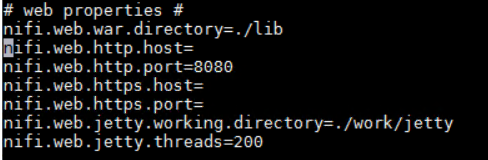
1. Extract software

|  |
| --- |
| tar -zxvf nifi-1.0.0-bin.tar.gz |

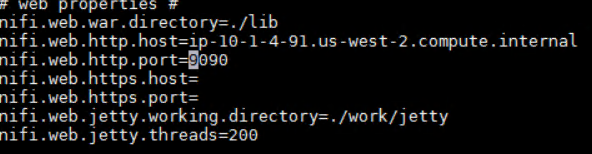
1. Change port and host name of nifi.properties file and point it to your host

|  |
| --- |
| cd nifi-1.0.0/conf/  vi nifi.properties |

1. Search for properties “nifi.web.http.host” and “nifi.web.http.port”



|  |
| --- |
| nifi.web.http.host= “Your IP or Hostname”  nifi.web.http.port=9090 |



1. Save and exit config file

# Install JDK

1. Install JDK-8 which will be used by nifi

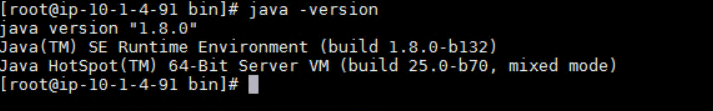
|  |
| --- |
| mkdir -p /opt/java  cd /opt/java && wget --no-cookies --no-check-certificate --header "Cookie: oraclelicense=accept-securebackup-cookie" "http://download.oracle.com/otn-pub/java/jdk/8-b132/jdk-8-linux-x64.rpm" -O jdk-8-linux-x64.rpm |

1. Install JDK 8 rpm

|  |
| --- |
| sudo rpm -Uvh jdk-8-linux-x64.rpm |

1. Verify java is installed and working

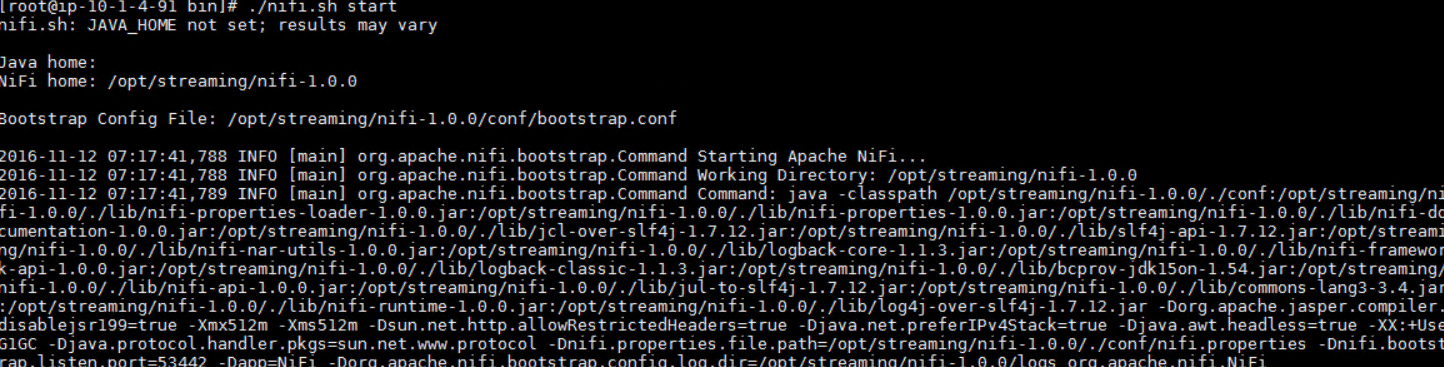
|  |
| --- |
| java -version |



# Start Nifi process

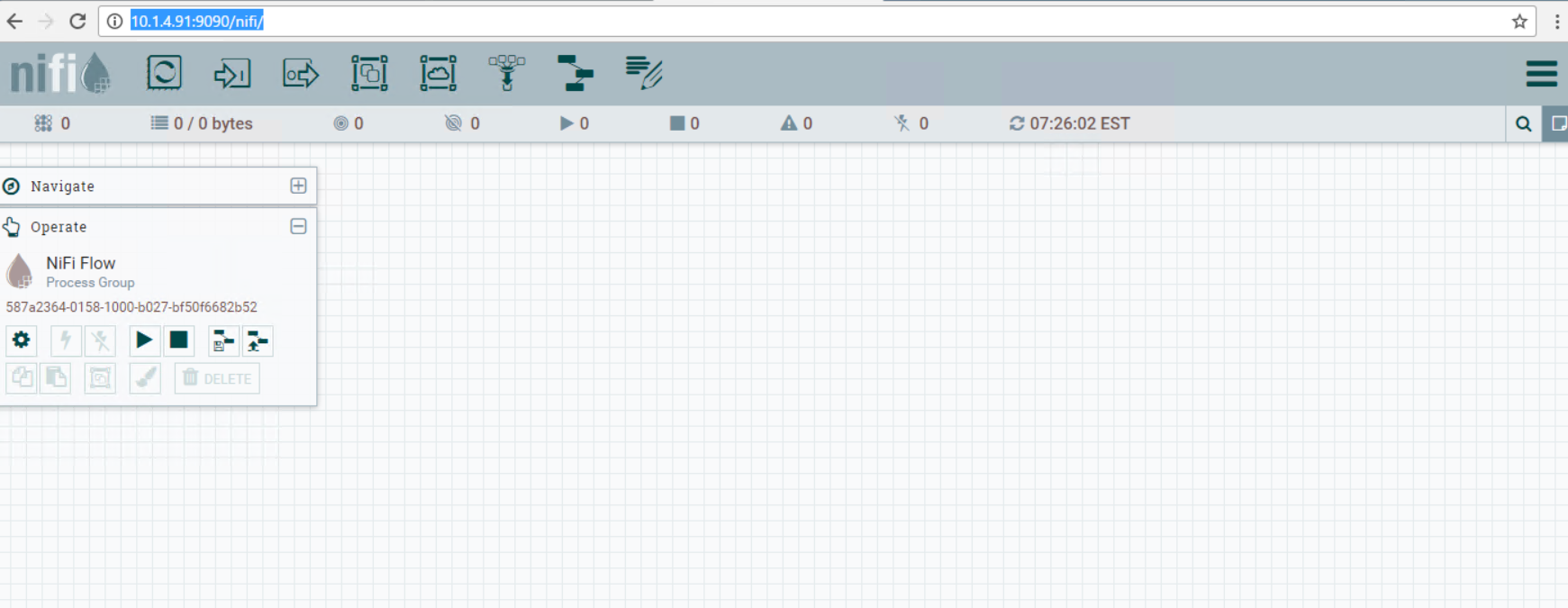
1. Start nifi service by executing start script

|  |
| --- |
| cd ../bin  ./nifi.sh start |



1. Verify Nifi started by pointing to nifi web UI

<http://Your_IP_Address:9090/nifi/>



# Install Nifi service

1. To install Nifi service in order to auto start, execute following:

|  |
| --- |
| cd /opt/streaming/nifi-1.0.0/bin  ./nifi.sh install  chkconfig nifi on  service nifi status |