

Running Cassandra at Isep

1. Download Cassandra :

<https://www.apache.org/dyn/closer.lua/cassandra/3.11.12/apache-cassandra-3.11.12-bin.tar.gz>

2. Extract the folder "apache-cassandra-3.11.12"
3. In the file CASSANDRA_HOME/conf/cassandra-env.sh, comment the line :

```
JVM_OPTS="$JVM_OPTS -Xloggc:${CASSANDRA_LOG_DIR}/gc.log
```

4. In the file, CASSANDRA_HOME/conf/jvm.options, change the line:

```
-XX:ThreadPriorityPolicy=1
```

To

```
-XX:ThreadPriorityPolicy=42
```

Comment the option:

```
-XX:+UseParNewGC
```

And comment all the options under :

```
### GC logging options -- uncomment to enable
```

5. Run Cassandra server:

```
cd CASSANDRA_HOME/bin/  
./cassandra -f
```

You should see the message:

```
INFO [main] 2022-04-11 10:26:50,447 CassandraDaemon.java:650 - Startup  
complete
```

6. Run Cassandra client:

```
cd CASSANDRA_HOME/bin/  
./cqlsh
```

You should get :

Connected to Test Cluster at 127.0.0.1:9042.

[cqlsh 5.0.1 | Cassandra 3.11.12 | CQL spec 3.4.4 | Native protocol v4]

Use HELP for help.

cqlsh>