

Installing Amirouter

This page reorganizes the operational steps for **Installing Amirouter**.

Amirouter is the multimanagers replacement and the start for the next real-time switchboard. It is a java application and it is fully multithreaded. It is still in development, but it already fully usable

- Install JAVA

rpm -i the PBX web address

- Check java version, it should be

java -version

```
java version "13.0.2" 2020-01-14
Java(TM) SE Runtime Environment (build 13.0.2+8)
Java HotSpot(TM) 64-Bit Server VM (build 13.0.2+8, mixed mode, sharing)
```

- Configure

/usr/local/amirouter/amirouter-server-config.yaml

/usr/local/amirouter/application.properties

- Start

/usr/local/bin/runamirouter.sh

Amirouter is creating a log file in /tmp/amirouter.out, usefull for debugging. It is a good idea to add a crontab entry to truncate it once a day:

```
0 0 * * * root truncate --size 0 /tmp/amirouter.out
```

If you need to compile Amirouter, but you should not need it

- Install MAVEN

cd /usr/local

wget the PBX web address

tar xzvf apache-maven-3.8.6-bin.tar.gz

```
export PATH=/usr/local/apache-maven-3.8.6/bin/:$PATH
```

```
cd -
```

- Get Amirouter from private git, compile and exec it with

```
\rm target/amirouter-* ; /usr/local/apache-maven-3.8.6/bin/mvn clean install spring-boot:repackage  
-DskipTests -Pamirouter && \cp target/amirouter-*-SNAPSHOT.jar /usr/local/amirouter/amirouter.jar  
; killall -9 java ; runamirouter.sh
```

Current Verification

After applying the change, verify the related MiRTA PBX page, the Asterisk logs, and the relevant Status menu entry. Recheck tenant selection before testing tenant-specific behavior.

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