

# Role DATA - Install PlatformUDPListener (Debian/Win2019)

## Master Server

The PlatformUDPListener is installed on the master database(s).

## Install Java

First of all, java is installed:

```
apt-get -y install default-jdk
```

## Install Platform UDP Listener

The Platform UDP Listener is installed with the following commands:

```
cp -a /home/jtel/shared/JTELCarrierPortal/Utils/Install/PlatformUDPListener/ /home/jtel/  
cp -a /home/jtel/PlatformUDPListener/systemd/jtel-listener.service /usr/lib/systemd/system  
rm -f /home/jtel/PlatformUDPListener/conf/hazelcast.xml  
cp -a /home/jtel/shared/hazelcast.xml /home/jtel/PlatformUDPListener/conf/hazelcast.xml
```

## Autostart Daemon

The Platform UDP Listener is enabled with the following commands:

```
systemctl enable jtel-listener
```

## Firewall Rules

The following configures the firewall, so the hazelcast cluster members can communicate with each other:

```
ufw allow 5701:5801/tcp
```

For a different network interface

```
ufw allow in on eth1 to any port 5701:5801 proto tcp
```

## Start Listener

Now, the listener is started:

```
service jtel-listener start
```

## Update Script

To make updating the Platform UDP Listener simpler, a script is created:

```
cat <<EOFF > /usr/local/bin/updatepl.sh
#!/bin/bash
systemctl stop jtel-listener
cp /home/jtel/shared/JTELCarrierPortal/Utils/Install/PlatformUDPlistener/bin/platform-UDP-listener-1.0-jar-with-dependencies.jar /home/jtel/PlatformUDPlistener/bin
chown jtel:jtel /home/jtel/PlatformUDPlistener/bin/*
systemctl start jtel-listener
EOFF
chmod +x /usr/local/bin/updatepl.sh
```