

# Jenkins-Adding Ubuntu Agent

```
sudo mkdir -p /usr/local/jenkin-service
```

```
sudo chown admin /usr/local/jenkin-service
```

```
cd /usr/local/jenkin-service
```

Execute the curl command from the Jenkins -- below is the example only

```
curl -sO https://jenkins.issentialsolutions.com/jnlpJars/agent.jar
```

```
nano start-agent.sh
```

```
#!/bin/bash
cd /usr/local/jenkin-service
curl -sO https://jenkins.issentialsolutions.com/jnlpJars/agent.jar
java -jar agent.jar -url https://jenkins.issentialsolutions.com/ -secret
23569a2d25d3cf47de3950ea382db7f448d3f15e417cbf10562a1abf91f72453 -name "IS-IVH1-Ubuntu" -
webSocket -workDir "/home/jenkins"
exit 0
```

```
chmod +x start-agent.sh
```

Create an another file jenkins-agent.service

```
nano /etc/systemd/system/jenkins-agent.service
```

[unit]

Description=Jenkin Agent

[Service]

User=admin

WorkingDirectory=/home/jenkins

ExecStart=/bin/bash /usr/local/jenkin-service/start-agent.sh

Restart=alwalys

[Install]

WantedBy=multi-user.target

```
sudo systemctl enable jenkin-agent.service
```

## Before Enabling the agent, Install the Java

```
sudo apt install software-properties-common apt-transport-https -y  
sudo add-apt-repository ppa:openjdk-r/ppa -y
```

```
sudo apt install openjdk-22-jdk -y
```

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