

# Launching Probe on Linux

*This section goes through starting of Qosium Probe on Linux based systems. The launching of Qosium Probe depends on whether it is installed as a system service or as to be started manually.*

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## 1. Manual Launching

In command line (Terminal), run the following command (use *sudo* in front of the command if you are not a superuser):

```
/opt/QosiumProbe/bin/QosiumProbe
```

Probe can be set in the background by pressing *Ctrl-Z* and typing *bg*.

## 2. Qosium Probe Installed as Service

### 2.1. Systemd Service (Ubuntu, Debian, Raspbian, CentOS, Red Hat, etc.)

On Debian-based and Red Hat based operating systems, Qosium Probe can be installed as a Systemd service. After that, controlling of Qosium Probe happens with *systemctl* commands. Qosium Probe is launched automatically upon installation and device startup. Omit *sudo* from the commands below if you are superuser and *sudo* is not supported by operating system.

Start:

```
sudo systemctl start QosiumProbe
```

Stop:

```
sudo systemctl stop QosiumProbe
```

Request status:

```
sudo systemctl status QosiumProbe
```

Disable Qosium Probe from starting automatically upon reboot:

```
sudo systemctl disable QosiumProbe
```

Enable Qosium Probe to start automatically upon reboot:

```
sudo systemctl enable QosiumProbe
```

### 2.2. Procd Init Scripts (OpenWRT)

On OpenWRT-based systems, Qosium Probe can be installed to start to background automatically. Qosium Probe is launched automatically upon installation and device startup. Run the following example commands with superuser privileges.

Start:

```
/etc/init.d/qosium_probe start
```

Stop:

```
/etc/init.d/qosium_probe stop
```

Disable Qosium Probe from starting automatically upon reboot:

```
/etc/init.d/qosium_probe disable
```

Enable Qosium Probe to start automatically upon reboot:

```
/etc/init.d/qosium_probe enable
```