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 *root* user):

```
/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 *root* 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 *root* 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
```