

# Wrapper Script Manual Update Instructions

*Update instructions for fixing the failed Wrapper Script update on 6/30/2020.*

On 6/30/2020 we pushed a fix to the Wrapper Script to resolve bandwidth utilization issues caused by log uploading. Due to differences in the configurations between our test environments and the setups of live Nodes, the update failed. As a result, a manual update is required to get Nodes operational again. Please following these instructions to make your Node operational.

Those who have already fixed permissions will still need to follow these instructions, otherwise future Wrapper Script updates will fail in the same manner.

1. Stop all xx network services running on the machine.

## FOR NODE:

```
$ sudo systemctl stop xxnetwork-node.service
```

## FOR GATEWAY:

```
$ sudo systemctl stop xxnetwork-gateway.service
```

2. Check that the services have stopped. Note that if service is not set to `inactive` (dead), then it was not stopped correctly.

## FOR NODE:

```
$ sudo systemctl status xxnetwork-node.service
```

This should result in similar output to below. Press `Q` to exit the output.

```
• xxnetwork-node.service - Job that starts the Wrapper service
  Loaded: loaded (/opt/xxnetwork/xxnetwork-node.service; enabled; vendor preset: enabled)
  Active: inactive (dead) since Mon 2020-06-29 15:00:17 PDT; 8s ago
  Process: 66839 ExecStart=/bin/bash -c /opt/xxnetwork/xxnetwork-wrapper.py --logpath /o...
  Main PID: 66839 (code=killed, signal=TERM)
```

## FOR GATEWAY:

```
$ sudo systemctl status xxnetwork-gateway.service
```

This should result in similar output to below. Press `Q` to exit the output.

```
• xxnetwork-gateway.service - Job that starts the Wrapper service
  Loaded: loaded (/opt/xxnetwork/xxnetwork-gateway.service; enabled; vendor preset: enabled)
  Active: inactive (dead) since Mon 2020-06-29 15:00:14 PDT; 24s ago
  Process: 66869 ExecStart=/bin/bash -c /opt/xxnetwork/xxnetwork-wrapper.py --logpath /o...
  Main PID: 66869 (code=killed, signal=TERM)
```

3. Download the new Wrapper Script from the provided URL and replace it with the old Wrapper Script located in `/opt/xxnetwork/`.

```
$ sudo curl -L https://gitlab.com/elixxir/wrapper/-/raw/master/wrapper.py -o /opt/xxnetwork/xxnetwork-wrapper.py
```

**! NOTE:** If the Wrapper Script was installed to a different location, change the output path (`-o` flag) in the command.

4. Ensure that `xxnetwork-wrapper.py` has the correct permissions.

```
$ sudo chmod 500 /opt/xxnetwork/xxnetwork-wrapper.py
```

5. Reenable the services.

**FOR NODE:**

```
$ sudo systemctl start xxnetwork-node.service
```

**FOR GATEWAY:**

```
$ sudo systemctl start xxnetwork-gateway.service
```

6. Verify that the services are running.

**FOR NODE:**

```
$ sudo systemctl status xxnetwork-node.service
```

This should result in the following output. Press **Q** to exit the output.

```
• xxnetwork-node.service - Job that starts the Wrapper service
  Loaded: loaded (/opt/xxnetwork/xxnetwork-node.service; enabled; vendor preset: enabled)
  Active: active (running) since Tue 2020-06-23 15:36:32 PDT; 10s ago
  Main PID: 6295 (bash)
  Tasks: 8 (limit: 4915)
  CGroup: /system.slice/xxnetwork-node.service
          └─6295 /bin/bash -c /opt/xxnetwork/xxnetwork-wrapper.py --logpath /opt/xxnetw...
          └─6296 python3 /opt/xxnetwork/xxnetwork-wrapper.py --logpath /opt/xxnetwork/n...
```

**FOR GATEWAY:**

```
$ sudo systemctl status xxnetwork-gateway.service
```

This should result in the following output. Press **Q** to exit the output.

```
• xxnetwork-gateway.service - Job that starts the Wrapper service
  Loaded: loaded (/opt/xxnetwork/xxnetwork-gateway.service; enabled; vendor preset: enabled)
  Active: active (running) since Tue 2020-06-23 15:36:37 PDT; 2min 0s ago
  Main PID: 6343 (bash)
  Tasks: 12 (limit: 4915)
  CGroup: /system.slice/xxnetwork-gateway.service
          └─6343 /bin/bash -c /opt/xxnetwork/xxnetwork-wrapper.py --logpath /opt/xxnetw...
          └─6344 python3 /opt/xxnetwork/xxnetwork-wrapper.py --logpath /opt/xxnetwork/g...
          └─6418 /opt/xxnetwork/bin/xxnetwork-gateway
```