To Fix

Wait for network

google: linux bash does not recognize when network comes up

- use ping

```
#!/bin/bash
    TARGET_HOST="8.8.8.8"
    while ! ping -c 1 "$TARGET_HOST" &> /dev/null; do
        echo "Waiting for network connectivity..."
        sleep 5 # Wait 5 seconds before retrying
    done
    echo "Network is up! Continuing with script..."
    # Your network-dependent commands here
```

- check network interface state

```
#!/bin/bash
    INTERFACE="eth0" # Replace with your actual interface name
    while [[ $(</sys/class/net/${INTERFACE}/operstate) != "up" ]]; do
        echo "Waiting for interface $INTERFACE to be up..."
        sleep 5
    done
    echo "Interface $INTERFACE is up! Continuing with script..."
    # Your network-dependent commands here
```

google: linux interface up when no router

NUT for APC SRV1K

- HUAWEI-UPS2000(8)
- google "nut with qinheng electronics ch341"
- `systemctl reload nut-server`
- google "nut driver not connected"