

Continuous Ping Check Script - If Then - Bash

This setup allows continuous pinging of an IP and then takes action based on the outcome. Tweak times to desired times, I like to start with low times and test/watch it work, then modify actions, then increase time once I'm happy it's working.

A result of 0 = Ping Response and 1 = Fail.

```
ping -c 1 -w 3 8.8.8.8; echo $?
```

This also uses CRON to run script @reboot.

```
cat << 'EOF' >/srv/ping_check.sh
while ;; do
    sleep 30

    PING=""
    ping -c 1 -w 3 freesoftwareservers.com > /dev/null
    PING=$(echo $? )

    if [ $PING -ne 0 ]; then
        echo "No connection"
    else
        echo "Connected!"
    fi
done
EOF
chmod +x /srv/ping_check.sh

cat << 'EOF' >/etc/cron.d/ping_loop
@reboot root /srv/ping_check.sh
EOF
chmod +x /etc/cron.d/ping_loop
```