

Some Linux Shell Scripts and Pointers used in TangerineTech DNA/DMA Customizations

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SHELL SCRIPT 1:

Stop the machine when network connection is not available for more than 300 sec.

```
#!/bin/bash

while true; do
sleep 150

if (ping -qc 7 insert machine to ping || ping -qc 7 insert machine to ping)1
then
    echo "OK"
else

    sleep 150

if !(ping -qc 7 insert machine to ping || ping -qc 7 insert machine to ping)
then
    echo "no connection"
    insert shutdown command (ie: halt)2
else
    echo "OK"
fi
fi
done
```

SHELL SCRIPT 2:

Stop the machine when a file on a disk volume is not available.

```
#!/bin/bash

while true; do
sleep 60
if test -e /media/insert media to check (ie: sda1)/insert filename to check (ie:file.txt)3

then
    echo "OK"
else
    echo "KO"
    insert shutdown command (ie: halt)
fi
done
```

1 Be sure to ping machines you have permission to.

2 For some pointers on allowing a non-root user to shutdown a system using console, please see this Archlinux document: http://wiki.archlinux.org/index.php/Allow_users_to_shutdown

3 Mount directories may vary.

SHELL SCRIPT 3:

Run Openoffice Presentation when the machine starts.

```
#!/bin/bash
mount /dev/insert media to mount (ie:cdrom)
sleep 5
openoffice -show -norestore /media/insert media to check (ie: cdrom)/insert filename to open (ie:presentation.odp)
```

WEB POINTERS

<http://www.tangerinotech.net>

<http://www.littlesvr.ca/isomaster/>

<http://www.len.ro/2008/12/remastering-ubuntu/>

<http://www.ubuntu.com/>

<http://www.geekconnection.org/remastersys/remastersystool.html>

<http://unetbootin.sourceforge.net/>

<http://www.pendrivelinux.com/ubuntu-remove-the-prompt-to-eject-cd>