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Force reboot

```
echo 1 > /proc/sys/kernel/sysrq
echo b > /proc/sysrq-trigger
```

Scan with NMAP

```
nmap -p 1-65535 -T4 -A -P0 -v hostname/ip
```

Check vulnerabilities

```
nmap -Pn --script vuln hostname/ip
```

Manual IP/GW Configuration

```
ifconfig eth0 10.0.0.1 netmask 255.255.255.0
route add default gw 10.0.0.254
```

Restart SWAP

```
sudo /sbin/swapoff -a && sudo /sbin/swapon -a
```

Free cache

```
echo 3 > /proc/sys/vm/drop_caches
```

dd full drive

dd if=/dev/sdX of=/dev/sdY bs=64K conv=noerror,sync

erase full drive

dd if=/dev/zero of=/dev/sdY bs=64K conv=noerror,sync

Show inode number on disk

```
#!/bin/bash
if [ $# -ne 1 ];then
  echo "Usage: `basename $0` DIRECTORY"
  exit 1
fi
```

```
echo "Wait a moment counting inode usage..."
find "$@" -type d -print0 2>/dev/null | while IFS= read -r -d '' file; do
    echo -e `ls -A "$file" 2>/dev/null | wc -l` "files in:\t $file"
done | sort -nr | head | awk '{print NR".", "\t", $0}'
exit 0
```

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