

OOM

Out Of Memory Killer Linux kill kernel vm instruction

Kill CPUbadnesskill /proc/PID/oom_score -17 ~ 50 oom_score -17 kill

OOM Killer

1. /etc/sysctl.conf sysctl -p
2. echo /proc/sys/vm

OOM

vm.panic_on_oom oom kernel panicOOM 0

vm.oom_kill_allocating_task kill oom 1 freeze

vm.overcommit_memory001220

```
0
1
2
vm.overcommit_kbytes kbytes swap + 0
```

vm.overcommit_ratio swap + * 50% 85%

3.

/etc/sysctl.conf Linux sysctl.d oom

```
vm.panic_on_oom=0
vm.oom_kill_allocating_task=1
vm.overcommit_memory=2
vm.overcommit_ratio=85
```

: sysctl -p

```
echo 0 > /proc/sys/vm/panic_on_oom
echo 1 > /proc/sys/vm/oom_kill_allocating_task
echo 2 > /proc/sys/vm/overcommit_memory=2
echo 85 > /proc/sys/vm/overcommit_ratio=85
```

sysctl.conf