Subject: Re: git inside VPS fails on mmap
Posted by pollux on Wed, 28 May 2008 10:16:38 GMT
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1. The HN has 4 GB of RAM, + 4 of swap. It does not seem to have problems

```
# free
             total       used       free     shared    buffers     cached
Mem:       4041736    3972848      68888          0     433104     848136
-/+ buffers/cache:    2691608    1350128
Swap:      4194296        336    4193960
```

2. That, I don't know how to check. The host is 64-bits, so I assume there is no limitation on 4GB.

3.

```
# sysctl vm.max_map_count
vm.max_map_count = 65536
```

(same on the HN and on the guest)

The proc values shows no large number of maps:

```
# cat /proc/`pidof git-daemon`/maps | wc -l
16
```

Strace shows that git-daemon adds 27 mmaps before failing.

I tried raising vm.max_map_count to an arbitrary high number, no changes.

4. I don't know how to check that.

I would add that the HN is running 34 servers, maybe it is too big for its capacity ? AFAICT, there is no sign of saturation (cpu load is 0.14, There is some free RAM, etc.)

Thanks for your help