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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 mmmaps 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

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