Subject: git inside VPS fails on mmap
Posted by pollux on Wed, 28 May 2008 07:44:41 GMT
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Hi,

I am trying to setup a git server inside a VPS. The git repository has fairly large objects (it's a local kernel tree).

The following error happens on git clone (using the git protocol):

2008-05-28_07:11:14.41523 [32100] Request upload-pack for '/git/linux-2.6.git'
2008-05-28_07:11:14.41641 fatal: packfile
./objects/pack/pack-95d32a83b9918b18223858e7349d5b64585b2a51.pack cannot be mapped.

Running stace on the git servers shows indeed a mmap failure with -ENOMEM:

[pid 32195] open("./objects/pack/pack-95d32a83b9918b18223858e7349d5b64585b2a51.pack",
O_RDONLY) = 5
[pid 32195] fstat(5, {st_mode=S_IFREG|0444, st_size=155244017, ...}) = 0
[pid 32195] mmap(NULL, 155244017, PROT_READ, MAP_PRIVATE, 5, 0) = -1 ENOMEM
(Cannot allocate memory)

Now what is weird is that I have no quota exceeded in /proc/user_beancounters (last columns is 0 everywhere). I have tried raising all quota to 9223372036854775807, no changes.

Any idea ?

Thanks

Host environment: 2.6.18-028stab053 x86_64
Guest OS: Debian Etch x86_64