

## Re: panic: trap: fast data access mmu miss

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2003-10/1200.html>

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**Date:** 10/24/03

To: "Kris Kennaway" <[kris@obsecurity.org](mailto:kris@obsecurity.org)>, <[freebsd-sparc64@freebsd.org](mailto:freebsd-sparc64@freebsd.org)>, <[current@freebsd.org](mailto:current@freebsd.org)>  
Date: Fri, 24 Oct 2003 09:09:25 +0400

>> *-- fast data access mmu miss tar=0 %o7=0xc018b820 --*  
>> *quotactl() at quotactl+0x98*  
>> *syscall() at syscall+0x308*  
>*It looks like you have quotas enabled.*

No.

>*Can you please provide more*  
>*details of your setup and how to reproduce this problem?*

my setup in details:

1. FreeBSD 4.7 i386 act as nfs server (hostname SERVER):

/etc/rc.conf:

```
portmap_enable="YES"  
nfs_server_enable="YES"  
nfs_client_enable="YES"  
nfs_reserved_port_only="YES"  
mountd_flags="-r"
```

/etc/exports:

```
/home -alldirs -maproot=0:0 CLIENT
```

```
# mount|grep home
```

```
/dev/vinum/home on /home (ufs, NFS exported, local, soft-updates)
```

On this machine also run samba-2.2.8a (build with quota support) with share [homes].

2. FreeBSD 51. sparc64 CURRENT act as nfs client (hostname CLIENT):

```
portmap_enable="YES"  
nfs_client_enable="YES"  
nfs_server_enable="YES"  
nfs_reserved_port_only="YES"
```

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```
mountd_flags="-r"  
amd_enable="YES"  
amd_flags="-a /.amd -l syslog:local2 /net /etc/amd.net"
```

```
/etc/amd.net:  
/defaults opts:=rw,grpidd,rsrvport,vers=3,proto=tcp,nosuid,\  
nodev,intr,quota,dumbtimer
```

```
SERVER host==${key};type:=link;fs:=/home \  
host!=${key};type:=nfs;rhost:=${key};rfs:=/home
```

On this machine also run samba-3.0 (build with quota support) with share [homes].

3. Windows server (samba domain member).

Steps:

1. User tiamat login on Windows server.
2. open "Microsoft windows network", find SERVER and map \\SERVER\tiamat as disk H:
3. open "Microsoft windows network", find CLIENT and map \\CLIENT\tiamat as disk G:

CLIENT (sparc64) automount (via amd) SERVER:/home:

```
#mount  
SERVER:/home on /.amd/SERVER/home (nfs, nodev, nosuid)
```

```
# pw usershow tiamat  
tiamat:*:1000:1000::0:0:Alex Deiter:/net/SERVER/tiamat:/usr/local/bin/bash
```

4. open "My computer" and double-click on disk G:  
samba try to check disk quotas and sparc64 CLIENT panic:

```
panic: trap: fast data access mmu miss  
cpuid = 0;  
Debugger("panic")  
Stopped at Debugger+0x1c: ta %xcc, 1  
db> tr  
panic() at panic+0x174  
trap() at trap+0x394  
-- fast data access mmu miss tar=0 %o7=0xc018b820 --  
quotactl() at quotactl+0x98  
syscall() at syscall+0x308  
-- syscall (148, FreeBSD ELF64, quotactl) %o7=0x1e3044 --  
userland() at 0x41187e88  
user trace: trap %o7=0x1e3044  
pc 0x41187e88, sp 0x7dffffe221  
pc 0x15149c, sp 0x7dffffe321  
pc 0x151818, sp 0x7dffffe871
```

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```
pc 0x1c771c, sp 0x7dffffe931
pc 0x1a6938, sp 0x7dffffea01
pc 0x1b3904, sp 0x7dffffec81
pc 0x1d987c, sp 0x7dffffedc1
pc 0x1d99c0, sp 0x7dffffeec1
pc 0x1da06c, sp 0x7dffffefa1
pc 0x1db99c, sp 0x7dfffff071
pc 0x451ea8, sp 0x7dfffff161
pc 0x133560, sp 0x7dfffff3f1
pc 0x405d3f94, sp 0x7dfffff4b1
done
db> reboot
```

Thanks!

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freebsd-current@freebsd.org mailing list

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