
Subject: SUNRPC clients: Pipefs mount races

Posted by [Stanislav Kinsbursky](#) on Tue, 31 Jul 2012 11:02:30 GMT

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Hello, Trond.

I found one more race in SUNRPC PipeFS mount notification and clients creation.

Now the problem is in SUNRPC clients.

Races are shown below:

CPU#0 CPU#1

```
-----  
nfs_create_rpc_client  
  rpc_create  
  rpc_new_client  
  rpc_setup_pipedir (no sb)  
    rpc_mount  
    notifier_call(SUNRPC - clnt.c)  
  rpc_register_client  
nfs_idmap_new  
nfs_mark_client_ready(NFS_CS_READY)  
  notifier_call(NFS - idmap.c)  
  __rpc_pipefs_event  
  BUG_ON(cl_dentry == NULL)
```

How would you prefer to fix this?

Looks like we could either try to add SUNRPC client to the list before PipeFS dentry creation or create the dentry for SUNRPC client from NFS code in `__rpc_pipefs_event()` instead of `BUG_ON`.

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Best regards,
Stanislav Kinsbursky
