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Subject: [RFC PATCH 1/5] SUNRPC: hold current network namespace while pipefs superblock is active

Posted by [Stanislav Kinsbursky](#) on Mon, 17 Oct 2011 12:12:34 GMT

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We want to be sure that network namespace is still alive while we have pipefs mounted.

Signed-off-by: Stanislav Kinsbursky <[skinsbursky@parallels.com](mailto:skinsbursky@parallels.com)>

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net/sunrpc/rpc\_pipe.c | 15 ++++++++  
1 files changed, 14 insertions(+), 1 deletions(-)

diff --git a/net/sunrpc/rpc\_pipe.c b/net/sunrpc/rpc\_pipe.c

index b181e34..8322080 100644

--- a/net/sunrpc/rpc\_pipe.c

+++ b/net/sunrpc/rpc\_pipe.c

@ @ -27,6 +27,9 @ @

#include <linux/workqueue.h>

#include <linux/sunrpc/rpc\_pipe\_fs.h>

#include <linux/sunrpc/cache.h>

+ #include <linux/nsproxy.h>

+

+ #include "netns.h"

static struct vfsmount \*rpc\_mnt \_\_read\_mostly;

static int rpc\_mount\_count;

@ @ -1006,6 +1009,7 @ @ rpc\_fill\_super(struct super\_block \*sb, void \*data, int silent)

{

struct inode \*inode;

struct dentry \*root;

+ struct net \*net = current->nsproxy->net\_ns;

sb->s\_blocksize = PAGE\_CACHE\_SIZE;

sb->s\_blocksize\_bits = PAGE\_CACHE\_SHIFT;

@ @ -1023,6 +1027,7 @ @ rpc\_fill\_super(struct super\_block \*sb, void \*data, int silent)

}

if (rpc\_populate(root, files, RPCAUTH\_lockd, RPCAUTH\_RootEOF, NULL))

return -ENOMEM;

+ sb->s\_fs\_info = get\_net(net);

return 0;

}

@ @ -1033,11 +1038,19 @ @ rpc\_mount(struct file\_system\_type \*fs\_type,

return mount\_single(fs\_type, flags, data, rpc\_fill\_super);

}

```
+void rpc_kill_sb(struct super_block *sb)
+{
+ struct net *net = sb->s_fs_info;
+
+ put_net(net);
+ kill_litter_super(sb);
+}
+
static struct file_system_type rpc_pipe_fs_type = {
    .owner  = THIS_MODULE,
    .name   = "rpc_pipefs",
    .mount  = rpc_mount,
- .kill_sb = kill_litter_super,
+ .kill_sb = rpc_kill_sb,
};

static void
```

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