
Subject: Re: [PATCH] SUNRPC: check current nsproxy before set of node name on client creation

Posted by [Jeff Layton](#) on Mon, 13 Aug 2012 11:35:05 GMT

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On Mon, 13 Aug 2012 15:21:56 +0400

Stanislav Kinsbursky <skinsbursky@parallels.com> wrote:

> When child reaper exits, it can destroy mount namespace it belong to, and if
> there are NFS mounts inside, then it will try to umount them. But in this
> point current->nsproxy is set to NULL and all namespaces will be destroyed one
> by one. I.e. we can't dereference current->nsproxy to obtain uts namespace.

>

> Signed-off-by: Stanislav Kinsbursky <skinsbursky@parallels.com>

> ---

> net/sunrpc/clnt.c | 14 ++++++++--

> 1 files changed, 12 insertions(+), 2 deletions(-)

>

> diff --git a/net/sunrpc/clnt.c b/net/sunrpc/clnt.c

> index 9a9676e..28ac940 100644

> --- a/net/sunrpc/clnt.c

> +++ b/net/sunrpc/clnt.c

> @@ -279,6 +279,16 @@ void rpc_clients_notifier_unregister(void)

>

> static void rpc_clnt_set_nodename(struct rpc_clnt *clnt, const char *nodename)

Don't you need to change the prototype of the function here too?

> {

> + const char *nodename;

> +

> + /*

> + * We have to protect against dying child reaper, which has released

nit: "dying child reaper" ?

> + * it's nsproxy already and is trying to destroy mount namespace.

nit: "its"

> + */

> + if (current->nsproxy == NULL)

> + return;

> +

> + nodename = utsname()->nodename;

> clnt->cl_nodelen = strlen(nodename);

> if (clnt->cl_nodelen > UNIX_MAXNODENAME)

> clnt->cl_nodelen = UNIX_MAXNODENAME;

```
> @@ -365,7 +375,7 @@ static struct rpc_clnt * rpc_new_client(const struct rpc_create_args
*args, stru
> }
>
> /* save the nodename */
> - rpc_clnt_set_nodename(clnt, utsname()->nodename);
> + rpc_clnt_set_nodename(clnt);
> rpc_register_client(clnt);
> return clnt;
>
> @@ -524,7 +534,7 @@ rpc_clone_client(struct rpc_clnt *clnt)
> err = rpc_setup_pipedir(new, clnt->cl_program->pipe_dir_name);
> if (err != 0)
> goto out_no_path;
> - rpc_clnt_set_nodename(new, utsname()->nodename);
> + rpc_clnt_set_nodename(new);
> if (new->cl_auth)
> atomic_inc(&new->cl_auth->au_count);
> atomic_inc(&clnt->cl_count);
>
> --
> To unsubscribe from this list: send the line "unsubscribe linux-nfs" in
> the body of a message to majordomo@vger.kernel.org
> More majordomo info at http://vger.kernel.org/majordomo-info.html
```

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