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

Posted by Stanislav Kinsbursky on Mon, 13 Aug 2012 11:37:06 GMT

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Thanks, Jeff. Will fix.

```
> 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 chilp 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 > UNX_MAXNODENAME)
>>   clnt->cl_nodelen = UNX_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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Best regards,
Stanislav Kinsbursky
