
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 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 > 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
