
Subject: Re: [PATCH v6 4/8] SUNRPC: setup rpcbind clients if service requires it
Posted by [bfields](#) on Thu, 27 Oct 2011 21:27:32 GMT

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On Tue, Oct 25, 2011 at 02:17:08PM +0300, Stanislav Kinsbursky wrote:

> New function ("svc_uses_rpcbind") will be used to detect, that new service will
> send portmapper register calls. For such services we will create rpcbind
> clients and remove all stale portmap registrations.
> Also, svc_rpcb_cleanup() will be set as sv_shutdown callback for such services
> in case of this field wasn't initialized earlier. This will allow to destroy
> rpcbind clients when no other users of them left.

>
> Note: Currently, any creating service will be detected as portmap user.
> Probably, this is wrong. But now it depends on program versions "vs_hidden"
> flag.

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

>
> ---

> net/sunrpc/svc.c | 11 ++++++++--
> 1 files changed, 9 insertions(+), 2 deletions(-)

>
> diff --git a/net/sunrpc/svc.c b/net/sunrpc/svc.c
> index d2d61bf..918edc3 100644

> --- a/net/sunrpc/svc.c
> +++ b/net/sunrpc/svc.c
> @@ -454,8 +454,15 @@ __svc_create(struct svc_program *prog, unsigned int bufsize, int
npools,

> spin_lock_init(&pool->sp_lock);
> }

>
> - /* Remove any stale portmap registrations */
> - svc_unregister(serv);
> + if (svc_uses_rpcbind(serv)) {
> + if (svc_rpcb_setup(serv) < 0) {
> + kfree(serv->sv_pools);
> + kfree(serv);
> + return NULL;

Nit: could we convert this (and the previous failure to allocate
sv_pools) to the usual pattern of collecting the cleanup at the end and
jumping to it with a goto?

Looks fine otherwise.

--b.

> + }

```
> + if (!serv->sv_shutdown)
> +   serv->sv_shutdown = svc_rpcb_cleanup;
> + }
>
> return serv;
> }
>
```
