Subject: Re: [PATCH v7 4/7] SUNRPC: setup rpcbind clients if service requires it
Posted by bfields on Fri, 28 Oct 2011 14:22:32 GMT
View Forum Message <> Reply to Message

On Fri, Oct 28, 2011 at 02:53:18PM +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>

Acked-by: J. Bruce Fields <bfields@redhat.com>

>
> ---
> net/sunrpc/svc.c | 20 ++++++++++++++------
> 1 files changed, 14 insertions(+), 6 deletions(-)
>
> diff --git a/net/sunrpc/svc.c b/net/sunrpc/svc.c
> index d2d61bf..87a67b2 100644
> --- a/net/sunrpc/svc.c
> +++ b/net/sunrpc/svc.c
> @@ -436,10 +436,8 @@ __svc_create(struct svc_program *prog, unsigned int bufsize, int
npools,
>   serv->sv_pools =
>   kcalloc(serv->sv_nrpools, sizeof(struct svc_pool),
>   GFP_KERNEL);
> - if (!serv->sv_pools) {
> - kfree(serv);
> - return NULL;
> - }
> + if (!serv->sv_pools)
> + goto err_serv;
>
>   for (i = 0; i < serv->sv_nrpools; i++) {
>   struct svc_pool *pool = &serv->sv_pools[i];
> @@ -454,10 +452,20 @@ __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)
> + goto err_rpcb;
> + if (!serv->sv_shutdown)
> + serv->sv_shutdown = svc_rpcb_cleanup;
> + }
>
> return serv;
> +
> +err_rpcb:
> + kfree(serv->sv_pools);
> +err_serv:
> + kfree(serv);
> + return NULL;
> }
>
> struct svc_serv *
>
> --
> 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