
Subject: Re: [PATCH v7 5/7] SUNRPC: cleanup service destruction
Posted by [bfields](#) on Fri, 28 Oct 2011 14:22:50 GMT

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On Fri, Oct 28, 2011 at 02:53:43PM +0300, Stanislav Kinsbursky wrote:
> svc_unregister() call have to be removed from svc_destroy() since it will be
> called in sv_shutdown callback.
> This also means, that we have to call svc_rpcb_cleanup() explicitly from
> nfsd_last_thread() since this function is registered as service shutdown
> callback and thus nobody else will done it for us.
>
> Signed-off-by: Stanislav Kinsbursky <skinsbursky@parallels.com>

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

```
>
> ---
> fs/nfsd/nfssvc.c      |  2 ++
> include/linux/sunrpc/svc.h |  1 +
> net/sunrpc/svc.c       |  4 +---
> 3 files changed, 5 insertions(+), 2 deletions(-)
>
> diff --git a/fs/nfsd/nfssvc.c b/fs/nfsd/nfssvc.c
> index dc5a1bf..52cd976 100644
> --- a/fs/nfsd/nfssvc.c
> +++ b/fs/nfsd/nfssvc.c
> @@ -256,6 +256,8 @@ static void nfsd_last_thread(struct svc_serv *serv)
>     nfsd_serv = NULL;
>     nfsd_shutdown();
>
> + svc_rpcb_cleanup(serv);
> +
> printk(KERN_WARNING "nfsd: last server has exited, flushing export "
>       "cache\n");
>     nfsd_export_flush();
> diff --git a/include/linux/sunrpc/svc.h b/include/linux/sunrpc/svc.h
> index 223588a..5e71a30 100644
> --- a/include/linux/sunrpc/svc.h
> +++ b/include/linux/sunrpc/svc.h
> @@ -401,6 +401,7 @@ struct svc_procedure {
> /*
> * Function prototypes.
> */
> +void svc_rpcb_cleanup(struct svc_serv *serv);
> struct svc_serv *svc_create(struct svc_program *, unsigned int,
>                            void (*shutdown)(struct svc_serv *));
> struct svc_rqst *svc_prepare_thread(struct svc_serv *serv,
> diff --git a/net/sunrpc/svc.c b/net/sunrpc/svc.c
```

```
> index 87a67b2..96df2ba 100644
> --- a/net/sunrpc/svc.c
> +++ b/net/sunrpc/svc.c
> @@ -367,11 +367,12 @@ static int svc_rpcb_setup(struct svc_serv *serv)
>   return 0;
> }
>
> -static void svc_rpcb_cleanup(struct svc_serv *serv)
> +void svc_rpcb_cleanup(struct svc_serv *serv)
> {
>   svc_unregister(serv);
>   rpcb_put_local();
> }
> +EXPORT_SYMBOL_GPL(svc_rpcb_cleanup);
>
> static int svc_uses_rpcbind(struct svc_serv *serv)
> {
> @@ -531,7 +532,6 @@ svc_destroy(struct svc_serv *serv)
>   if (svc_serv_is_pooled(serv))
>     svc_pool_map_put();
>
> - svc_unregister(serv);
> - kfree(serv->sv_pools);
> - kfree(serv);
> }
>
> --
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> 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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