
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
```
