

Subject: Re: [PATCH v7 3/7] SUNRPC: introduce svc helpers for preparing rpcbind infrastructure

Posted by [bfields](#) on Fri, 28 Oct 2011 14:22:15 GMT

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On Fri, Oct 28, 2011 at 02:52:59PM +0300, Stanislav Kinsbursky wrote:

> This helpers will be used only for those services, that will send portmapper
> registration calls.

>

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

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

>

> ---

> include/linux/sunrpc/clnt.h | 2 ++

> net/sunrpc/rpcb_clnt.c | 2 +-

> net/sunrpc/svc.c | 35 ++++++

> 3 files changed, 38 insertions(+), 1 deletions(-)

>

> diff --git a/include/linux/sunrpc/clnt.h b/include/linux/sunrpc/clnt.h

> index db7bcaf..1eb437d 100644

> --- a/include/linux/sunrpc/clnt.h

> +++ b/include/linux/sunrpc/clnt.h

> @@ -135,6 +135,8 @@ void rpc_shutdown_client(struct rpc_clnt *);

> void rpc_release_client(struct rpc_clnt *);

> void rpc_task_release_client(struct rpc_task *);

>

> +int rpcb_create_local(void);

> +void rpcb_put_local(void);

> int rpcb_register(u32, u32, int, unsigned short);

> int rpcb_v4_register(const u32 program, const u32 version,

> const struct sockaddr *address,

> diff --git a/net/sunrpc/rpcb_clnt.c b/net/sunrpc/rpcb_clnt.c

> index 115df11..c144b95 100644

> --- a/net/sunrpc/rpcb_clnt.c

> +++ b/net/sunrpc/rpcb_clnt.c

> @@ -320,7 +320,7 @@ out:

> * Returns zero on success, otherwise a negative errno value

> * is returned.

> */

> -static int rpcb_create_local(void)

> +int rpcb_create_local(void)

> {

> static DEFINE_MUTEX(rpcb_create_local_mutex);

> int result = 0;

> diff --git a/net/sunrpc/svc.c b/net/sunrpc/svc.c

> index 6a69a11..d2d61bf 100644

```

> --- a/net/sunrpc/svc.c
> +++ b/net/sunrpc/svc.c
> @@ -354,6 +354,41 @@ svc_pool_for_cpu(struct svc_serv *serv, int cpu)
>     return &serv->sv_pools[pidx % serv->sv_nrpoools];
> }
>
> +static int svc_rpcb_setup(struct svc_serv *serv)
> +{
> + int err;
> +
> + err = rpcb_create_local();
> + if (err)
> +     return err;
> +
> + /* Remove any stale portmap registrations */
> + svc_unregister(serv);
> + return 0;
> +}
> +
> +static void svc_rpcb_cleanup(struct svc_serv *serv)
> +{
> + svc_unregister(serv);
> + rpcb_put_local();
> +}
> +
> +static int svc_uses_rpcbind(struct svc_serv *serv)
> +{
> + struct svc_program *progp;
> + unsigned int i;
> +
> + for (progp = serv->sv_program; progp; progp = progp->pg_next) {
> +     for (i = 0; i < progp->pg_nvers; i++) {
> +         if (progp->pg_vers[i] == NULL)
> +             continue;
> +         if (progp->pg_vers[i]->vs_hidden == 0)
> +             return 1;
> +     }
> + }
> +
> + return 0;
> +}
>
> /*
>  * Create an RPC service
>
> --
> 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>
