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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 db7bcf..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_nrpools];
> }
>
> +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>

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