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Subject: Re: [PATCH 1/2] SUNRPC: register RPC stats /proc entries in passed network namespace context

Posted by [bfields](#) on Tue, 06 Dec 2011 21:33:22 GMT

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On Tue, Dec 06, 2011 at 04:42:40PM +0300, Stanislav Kinsbursky wrote:

> This patch makes it possible to create NFS program entry ("/proc/net/rpc/nfs")  
> in passed network namespace context instead of hard-coded "init\_net".

Looks straightforward to me.

Acked-by: J. Bruce Fields <[bfields@redhat.com](mailto:bfields@redhat.com)>

--b.

>  
> Signed-off-by: Stanislav Kinsbursky <[skinsbursky@parallels.com](mailto:skinsbursky@parallels.com)>

>  
> ---  
> fs/nfs/inode.c | 6 +++---  
> include/linux/sunrpc/stats.h | 8 +++++---  
> net/sunrpc/stats.c | 15 ++++++++-----  
> 3 files changed, 15 insertions(+), 14 deletions(-)

>  
> diff --git a/fs/nfs/inode.c b/fs/nfs/inode.c  
> index 98b2508..5cad6c5 100644  
> --- a/fs/nfs/inode.c  
> +++ b/fs/nfs/inode.c  
> @@ -1623,14 +1623,14 @@ static int \_\_init init\_nfs\_fs(void)  
> goto out0;  
>  
> #ifdef CONFIG\_PROC\_FS  
> - rpc\_proc\_register(&nfs\_rpcstat);  
> + rpc\_proc\_register(&init\_net, &nfs\_rpcstat);  
> #endif  
> if ((err = register\_nfs\_fs()) != 0)  
> goto out;  
> return 0;  
> out:  
> #ifdef CONFIG\_PROC\_FS  
> - rpc\_proc\_unregister("nfs");  
> + rpc\_proc\_unregister(&init\_net, "nfs");  
> #endif  
> nfs\_destroy\_directcache();  
> out0:  
> @@ -1669,7 +1669,7 @@ static void \_\_exit exit\_nfs\_fs(void)  
> nfs\_dns\_resolver\_destroy();  
> nfs\_idmap\_quit();

```

> #ifdef CONFIG_PROC_FS
> - rpc_proc_unregister("nfs");
> + rpc_proc_unregister(&init_net, "nfs");
> #endif
> nfs_cleanup_cb_ident_idr();
> unregister_nfs_fs();
> diff --git a/include/linux/sunrpc/stats.h b/include/linux/sunrpc/stats.h
> index 680471d..f625b57 100644
> --- a/include/linux/sunrpc/stats.h
> +++ b/include/linux/sunrpc/stats.h
> @@ -58,8 +58,8 @@ void  rpc_modcount(struct inode *, int);
> #endif
>
> #ifdef CONFIG_PROC_FS
> -struct proc_dir_entry * rpc_proc_register(struct rpc_stat *);
> -void  rpc_proc_unregister(const char *);
> +struct proc_dir_entry * rpc_proc_register(struct net *, struct rpc_stat *);
> +void  rpc_proc_unregister(struct net *, const char *);
> void  rpc_proc_zero(struct rpc_program *);
> struct proc_dir_entry * svc_proc_register(struct svc_stat *,
>      const struct file_operations *);
> @@ -69,8 +69,8 @@ void  svc_seq_show(struct seq_file *,
>      const struct svc_stat *);
> #else
>
> -static inline struct proc_dir_entry *rpc_proc_register(struct rpc_stat *s) { return NULL; }
> -static inline void rpc_proc_unregister(const char *p) {}
> +static inline struct proc_dir_entry *rpc_proc_register(struct net *, struct rpc_stat *s) { return
NULL; }
> +static inline void rpc_proc_unregister(struct net *, (const char *p) {}
> static inline void rpc_proc_zero(struct rpc_program *p) {}
>
> static inline struct proc_dir_entry *svc_proc_register(struct svc_stat *s,
> diff --git a/net/sunrpc/stats.c b/net/sunrpc/stats.c
> index 80df89d..f0f6e7c 100644
> --- a/net/sunrpc/stats.c
> +++ b/net/sunrpc/stats.c
> @@ -213,28 +213,29 @@ EXPORT_SYMBOL_GPL(rpc_print_iostats);
>  * Register/unregister RPC proc files
>  */
> static inline struct proc_dir_entry *
> -do_register(const char *name, void *data, const struct file_operations *fops)
> +do_register(struct net *net, const char *name, void *data,
> +    const struct file_operations *fops)
> {
>     struct sunrpc_net *sn;
>
>     dprintk("RPC:    registering /proc/net/rpc/%s\n", name);

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> - sn = net_generic(&init_net, sunrpc_net_id);
> + sn = net_generic(net, sunrpc_net_id);
> return proc_create_data(name, 0, sn->proc_net_rpc, fops, data);
> }
>
> struct proc_dir_entry *
> -rpc_proc_register(struct rpc_stat *statp)
> +rpc_proc_register(struct net *net, struct rpc_stat *statp)
> {
> - return do_register(statp->program->name, statp, &rpc_proc_fops);
> + return do_register(net, statp->program->name, statp, &rpc_proc_fops);
> }
> EXPORT_SYMBOL_GPL(rpc_proc_register);
>
> void
> -rpc_proc_unregister(const char *name)
> +rpc_proc_unregister(struct net *net, const char *name)
> {
> struct sunrpc_net *sn;
>
> - sn = net_generic(&init_net, sunrpc_net_id);
> + sn = net_generic(net, sunrpc_net_id);
> remove_proc_entry(name, sn->proc_net_rpc);
> }
> EXPORT_SYMBOL_GPL(rpc_proc_unregister);
> @@ -242,7 +243,7 @@ EXPORT_SYMBOL_GPL(rpc_proc_unregister);
> struct proc_dir_entry *
> svc_proc_register(struct svc_stat *statp, const struct file_operations *fops)
> {
> - return do_register(statp->program->pg_name, statp, fops);
> + return do_register(&init_net, statp->program->pg_name, statp, fops);
> }
> EXPORT_SYMBOL_GPL(svc_proc_register);
>
>

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