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>

--b.

>
> Signed-off-by: Stanislav Kinsbursky <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_unregisterstruct 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);

> - 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);
>
>