
Subject: [PATCH 1/4] nfsd: pass network context to export caches init/shutdown routines

Posted by [Stanislav Kinsbursky](#) on Wed, 11 Apr 2012 11:13:14 GMT

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These functions will be called from per-net operations.

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fs/nfsd/export.c | 20 ++++++++-----

fs/nfsd/nfsctl.c | 6 +++--

include/linux/nfsd/export.h | 4 ++--

3 files changed, 15 insertions(+), 15 deletions(-)

diff --git a/fs/nfsd/export.c b/fs/nfsd/export.c

index 429b2f5..688264b 100644

--- a/fs/nfsd/export.c

+++ b/fs/nfsd/export.c

@@ -1235,17 +1235,17 @@ const struct seq_operations nfs_exports_op = {

* Initialize the exports module.

*/

int

-nfsd_export_init(void)

+nfsd_export_init(struct net *net)

{

int rv;

- dprintk("nfsd: initializing export module.\n");

+ dprintk("nfsd: initializing export module (net: %p).\n", net);

- rv = cache_register_net(&svc_export_cache, &init_net);

+ rv = cache_register_net(&svc_export_cache, net);

if (rv)

return rv;

- rv = cache_register_net(&svc_expkey_cache, &init_net);

+ rv = cache_register_net(&svc_expkey_cache, net);

if (rv)

- cache_unregister_net(&svc_export_cache, &init_net);

+ cache_unregister_net(&svc_export_cache, net);

return rv;

}

@@ -1264,14 +1264,14 @@ nfsd_export_flush(void)

* Shutdown the exports module.

*/

void

-nfsd_export_shutdown(void)

+nfsd_export_shutdown(struct net *net)

```

{
- dprintk("nfsd: shutting down export module.\n");
+ dprintk("nfsd: shutting down export module (net: %p).\n", net);

- cache_unregister_net(&svc_expkey_cache, &init_net);
- cache_unregister_net(&svc_export_cache, &init_net);
+ cache_unregister_net(&svc_expkey_cache, net);
+ cache_unregister_net(&svc_export_cache, net);
  svcauth_unix_purge();

- dprintk("nfsd: export shutdown complete.\n");
+ dprintk("nfsd: export shutdown complete (net: %p).\n", net);
}
diff --git a/fs/nfsd/nfsctl.c b/fs/nfsd/nfsctl.c
index ae19293..bc76f8e 100644
--- a/fs/nfsd/nfsctl.c
+++ b/fs/nfsd/nfsctl.c
@@ -1163,7 +1163,7 @@ static int __init init_nfsd(void)
  retval = nfsd_reply_cache_init();
  if (retval)
    goto out_free_stat;
- retval = nfsd_export_init();
+ retval = nfsd_export_init(&init_net);
  if (retval)
    goto out_free_cache;
  nfsd_lockd_init(); /* lockd->nfsd callbacks */
@@ -1184,7 +1184,7 @@ out_free_idmap:
  nfsd_idmap_shutdown();
out_free_lockd:
  nfsd_lockd_shutdown();
- nfsd_export_shutdown();
+ nfsd_export_shutdown(&init_net);
out_free_cache:
  nfsd_reply_cache_shutdown();
out_free_stat:
@@ -1201,7 +1201,7 @@ out_unregister_notifier:

static void __exit exit_nfsd(void)
{
- nfsd_export_shutdown();
+ nfsd_export_shutdown(&init_net);
  nfsd_reply_cache_shutdown();
  remove_proc_entry("fs/nfs/exports", NULL);
  remove_proc_entry("fs/nfs", NULL);
diff --git a/include/linux/nfsd/export.h b/include/linux/nfsd/export.h
index 485c2af..375096c 100644
--- a/include/linux/nfsd/export.h

```

```
+++ b/include/linux/nfsd/export.h
@@ -130,8 +130,8 @@ __be32 check_nfsd_access(struct svc_export *exp, struct svc_rqst
*rqstp);
/*
 * Function declarations
 */
-int  nfsd_export_init(void);
-void  nfsd_export_shutdown(void);
+int  nfsd_export_init(struct net *);
+void  nfsd_export_shutdown(struct net *);
void  nfsd_export_flush(void);
struct svc_export * rqst_exp_get_by_name(struct svc_rqst *,
    struct path *);
```
