
Subject: [PATCH 4/4] nfsd: allocate export and expkey caches in per-net operations.

Posted by [Stanislav Kinsbursky](#) on Wed, 11 Apr 2012 11:13:35 GMT

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fs/nfsd/nfsctl.c | 27 ++++++++-----

1 files changed, 21 insertions(+), 6 deletions(-)

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

index b144177..08cd87a 100644

--- a/fs/nfsd/nfsctl.c

+++ b/fs/nfsd/nfsctl.c

@@ -1137,7 +1137,28 @@ static int create_proc_exports_entry(void)
#endif

int nfsd_net_id;

+

+static __net_init int nfsd_init_net(struct net *net)

+{

+ int retval;

+

+ retval = nfsd_export_init(net);

+ if (retval)

+ goto out_export_error;

+ return 0;

+

+out_export_error:

+ return retval;

+}

+

+static __net_exit void nfsd_exit_net(struct net *net)

+{

+ nfsd_export_shutdown(net);

+}

+

static struct pernet_operations nfsd_net_ops = {

+ .init = nfsd_init_net,

+ .exit = nfsd_exit_net,

.id = &nfsd_net_id,

.size = sizeof(struct nfsd_net),

};

@@ -1164,9 +1185,6 @@ static int __init init_nfsd(void)

retval = nfsd_reply_cache_init();

if (retval)

goto out_free_stat;

```

- retval = nfsd_export_init(&init_net);
- if (retval)
- goto out_free_cache;
  nfsd_lockd_init(); /* lockd->nfsd callbacks */
  retval = nfsd_idmap_init();
  if (retval)
@@ -1185,8 +1203,6 @@ out_free_idmap:
  nfsd_idmap_shutdown();
out_free_lockd:
  nfsd_lockd_shutdown();
- nfsd_export_shutdown(&init_net);
-out_free_cache:
  nfsd_reply_cache_shutdown();
out_free_stat:
  nfsd_stat_shutdown();
@@ -1202,7 +1218,6 @@ out_unregister_notifier:

static void __exit exit_nfsd(void)
{
- nfsd_export_shutdown(&init_net);
  nfsd_reply_cache_shutdown();
  remove_proc_entry("fs/nfs/exports", NULL);
  remove_proc_entry("fs/nfs", NULL);

```
