
Subject: [PATCH 2/8] nfsd: add link to owner cache detail to svc_export structure
Posted by [Stanislav Kinsbursky](#) on Wed, 28 Mar 2012 15:09:08 GMT
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Without info about owner cache detail it won't be able to find out, which
per-net cache detail have to be.

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```
---
fs/nfsd/export.c      | 10 +++++-----
include/linux/nfsd/export.h | 1 +
2 files changed, 6 insertions(+), 5 deletions(-)

diff --git a/fs/nfsd/export.c b/fs/nfsd/export.c
index 71c5ce3..99ea4c0 100644
--- a/fs/nfsd/export.c
+++ b/fs/nfsd/export.c
@@ -525,6 +525,7 @@ static int svc_export_parse(struct cache_detail *cd, char *mesg, int mlen)
    goto out1;

    exp.ex_client = dom;
+ exp.cd = cd;

    /* expiry */
    err = -EINVAL;
@@ -672,6 +673,7 @@ static void svc_export_init(struct cache_head *cnew, struct cache_head
*citem)
    new->ex_fslocs.locations = NULL;
    new->ex_fslocs.locations_count = 0;
    new->ex_fslocs.migrated = 0;
+ new->cd = item->cd;
}

static void export_update(struct cache_head *cnew, struct cache_head *citem)
@@ -739,8 +741,7 @@ svc_export_lookup(struct svc_export *exp)
    struct cache_head *ch;
    int hash = svc_export_hash(exp);

- ch = sunrpc_cache_lookup(&svc_export_cache, &exp->h,
-    hash);
+ ch = sunrpc_cache_lookup(exp->cd, &exp->h, hash);
    if (ch)
        return container_of(ch, struct svc_export, h);
    else
@@ -753,9 +754,7 @@ svc_export_update(struct svc_export *new, struct svc_export *old)
```

```

struct cache_head *ch;
int hash = svc_export_hash(old);

- ch = sunrpc_cache_update(&svc_export_cache, &new->h,
-   &old->h,
-   hash);
+ ch = sunrpc_cache_update(old->cd, &new->h, &old->h, hash);
  if (ch)
    return container_of(ch, struct svc_export, h);
  else
@@ -797,6 +796,7 @@ static svc_export *exp_get_by_name(svc_client *clp, const struct path
*path,

    key.ex_client = clp;
    key.ex_path = *path;
+ key.cd = &svc_export_cache;

    exp = svc_export_lookup(&key);
    if (exp == NULL)
diff --git a/include/linux/nfsd/export.h b/include/linux/nfsd/export.h
index f85308e..6445529 100644
--- a/include/linux/nfsd/export.h
+++ b/include/linux/nfsd/export.h
@@ -103,6 +103,7 @@ struct svc_export {
    struct nfsd4_fs_locations ex_fslocs;
    int ex_nflavors;
    struct exp_flavor_info ex_flavors[MAX_SECINFO_LIST];
+ struct cache_detail *cd;
};

/* an "export key" (expkey) maps a filehandlefragement to an

```
