
Subject: [PATCH 6/6] NFS: remove RPC PipeFS mount point references from NFS cache routines

Posted by [Stanislav Kinsbursky](#) on Fri, 25 Nov 2011 13:19:28 GMT

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This is a cleanup patch. We don't need this reference anymore, because DNS resolver cache now creates it's dentries in per-net operations and on PipeFS mount/umount notification.

Note that `nfs_cache_register_net()` now returns 0 instead of `-ENOENT` in case of PipeFS superblock absence. This is ok, Dns resolver cache will be registered on PipeFS mount event.

Signed-off-by: Stanislav Kinsbursky <skinsbursky@parallels.com>

```
---
fs/nfs/cache_lib.c | 19 ++++-----
1 files changed, 4 insertions(+), 15 deletions(-)

diff --git a/fs/nfs/cache_lib.c b/fs/nfs/cache_lib.c
index 5905a31..dded263 100644
--- a/fs/nfs/cache_lib.c
+++ b/fs/nfs/cache_lib.c
@@ -126,24 +126,14 @@ int nfs_cache_register_sb(struct super_block *sb, struct cache_detail
 *cd)

int nfs_cache_register_net(struct net *net, struct cache_detail *cd)
{
- struct vfsmount *mnt;
- struct super_block *pipefs_sb;
- int ret;
+ int ret = 0;

- mnt = rpc_get_mount();
- if (IS_ERR(mnt))
- return PTR_ERR(mnt);
- pipefs_sb = rpc_get_sb_net(net);
- if (!pipefs_sb) {
- ret = -ENOENT;
- goto err;
+ if (pipefs_sb) {
+ ret = nfs_cache_register_sb(pipefs_sb, cd);
+ rpc_put_sb_net(net);
+ }
- ret = nfs_cache_register_sb(pipefs_sb, cd);
- rpc_put_sb_net(net);
- if (!ret)
- return ret;
-err:
```

```
- rpc_put_mount();  
  return ret;  
}
```

```
@@ -162,7 +152,6 @@ void nfs_cache_unregister_net(struct net *net, struct cache_detail *cd)  
    nfs_cache_unregister_sb(pipefs_sb, cd);  
    rpc_put_sb_net(net);  
}  
- rpc_put_mount();  
}
```

```
void nfs_cache_init(struct cache_detail *cd)
```
