
Subject: [PATCH 5/6] LockD: make NSM network namespace aware

Posted by [Stanislav Kinsbursky](#) on Tue, 31 Jan 2012 11:08:21 GMT

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NLM host is network namespace aware now.

So NSM have to take it into account.

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fs/lockd/mon.c | 13 ++++++-----

1 files changed, 7 insertions(+), 6 deletions(-)

diff --git a/fs/lockd/mon.c b/fs/lockd/mon.c

index c196030..7ef14b3 100644

--- a/fs/lockd/mon.c

+++ b/fs/lockd/mon.c

```
@@ -62,14 +62,14 @@ static inline struct sockaddr *nsm_addr(const struct nsm_handle *nsm)
    return (struct sockaddr *)&nsm->sm_addr;
}
```

```
-static struct rpc_clnt *nsm_create(void)
```

```
+static struct rpc_clnt *nsm_create(struct net *net)
```

```
{
    struct sockaddr_in sin = {
        .sin_family = AF_INET,
        .sin_addr.s_addr = htonl(INADDR_LOOPBACK),
    };
    struct rpc_create_args args = {
```

```
- .net = &init_net,
```

```
+ .net = net,
```

```
    .protocol = XPRT_TRANSPORT_UDP,
    .address = (struct sockaddr *)&sin,
    .addrsz = sizeof(sin),
@@ -83,7 +83,8 @@ static struct rpc_clnt *nsm_create(void)
```

```
    return rpc_create(&args);
}
```

```
@@ -99,7 +100,7 @@ static int nsm_mon_unmon(struct nsm_handle *nsm, u32 proc, struct nsm_res *res,
```

```
+ struct net *net)
{
    struct rpc_clnt *clnt;
    int status;
@@ -99,7 +100,7 @@ static int nsm_mon_unmon(struct nsm_handle *nsm, u32 proc, struct nsm_res *res,
    .rpc_resp = res,
};
```

```

- clnt = nsm_create();
+ clnt = nsm_create(net);
  if (IS_ERR(clnt)) {
    status = PTR_ERR(clnt);
    dprintk("lockd: failed to create NSM upcall transport, "
@@ -149,7 +150,7 @@ int nsm_monitor(const struct nlm_host *host)
    */
    nsm->sm_mon_name = nsm_use_hostnames ? nsm->sm_name : nsm->sm_addrbuf;

- status = nsm_mon_unmon(nsm, NSMPROC_MON, &res);
+ status = nsm_mon_unmon(nsm, NSMPROC_MON, &res, host->net);
  if (unlikely(res.status != 0))
    status = -EIO;
  if (unlikely(status < 0)) {
@@ -183,7 +184,7 @@ void nsm_unmonitor(const struct nlm_host *host)
    && nsm->sm_monitored && !nsm->sm_sticky) {
    dprintk("lockd: nsm_unmonitor(%s)\n", nsm->sm_name);

- status = nsm_mon_unmon(nsm, NSMPROC_UNMON, &res);
+ status = nsm_mon_unmon(nsm, NSMPROC_UNMON, &res, host->net);
  if (res.status != 0)
    status = -EIO;
  if (status < 0)

```
