
Subject: [PATCH 1/3] lockd: use rpc client's cl_nodename for id encoding

Posted by [Stanislav Kinsbursky](#) on Fri, 14 Sep 2012 14:25:55 GMT

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Taking hostname from uts namespace if not safe, because this could be performind during umount operation on child reaper death. And in this case current->nsproxy is NULL already.

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fs/lockd/mon.c | 14 +++++++-----

1 files changed, 8 insertions(+), 6 deletions(-)

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

index 7ef14b3..c6186fb 100644

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

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

@@ -426,11 +426,12 @@ static void encode_mon_name(struct xdr_stream *xdr, const struct nsm_args *argp)

* (via the NLMPROC_SM_NOTIFY call) that the state of host "mon_name"

* has changed.

*/

-static void encode_my_id(struct xdr_stream *xdr, const struct nsm_args *argp)

+static void encode_my_id(struct xdr_stream *xdr, const struct nsm_args *argp,

+ char *nodename)

{

__be32 *p;

- encode_nsm_string(xdr, utsname()->nodename);

+ encode_nsm_string(xdr, nodename);

p = xdr_reserve_space(xdr, 4 + 4 + 4);

*p++ = cpu_to_be32(argp->prog);

*p++ = cpu_to_be32(argp->vers);

@@ -441,10 +442,11 @@ static void encode_my_id(struct xdr_stream *xdr, const struct nsm_args *argp)

* The "mon_id" argument specifies the non-private arguments

* of an NSMPROC_MON or NSMPROC_UNMON call.

*/

-static void encode_mon_id(struct xdr_stream *xdr, const struct nsm_args *argp)

+static void encode_mon_id(struct xdr_stream *xdr, const struct nsm_args *argp,

+ char *nodename)

{

encode_mon_name(xdr, argp);

- encode_my_id(xdr, argp);

+ encode_my_id(xdr, argp, nodename);

}

```

/*
@@ -463,14 +465,14 @@ static void encode_priv(struct xdr_stream *xdr, const struct nsm_args
*argp)
static void nsm_xdr_enc_mon(struct rpc_rqst *req, struct xdr_stream *xdr,
    const struct nsm_args *argp)
{
- encode_mon_id(xdr, argp);
+ encode_mon_id(xdr, argp, req->rq_task->tk_client->cl_nodename);
  encode_priv(xdr, argp);
}

static void nsm_xdr_enc_unmon(struct rpc_rqst *req, struct xdr_stream *xdr,
    const struct nsm_args *argp)
{
- encode_mon_id(xdr, argp);
+ encode_mon_id(xdr, argp, req->rq_task->tk_client->cl_nodename);
}

static int nsm_xdr_dec_stat_res(struct rpc_rqst *rqstp,

```
