
Subject: Re: [PATCH][NEIGH]: Fix race between neighbor lookup and table's hash_rnd update.

Posted by [davem](#) on Sun, 24 Feb 2008 03:57:00 GMT

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From: Pavel Emelyanov <xemul@openvz.org>

Date: Fri, 22 Feb 2008 12:37:03 +0300

> The neigh_hash_grow() may update the tbl->hash_rnd value, which
> is used in all tbl->hash callbacks to calculate the hashval.

>

> Two lookup routines may race with this, since they call the
> ->hash callback without the tbl->lock held. Since the hash_rnd
> is changed with this lock write-locked moving the calls to ->hash
> under this lock read-locked closes this gap.

>

> Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

Applied, thanks.
