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Subject: [PATCH] Fix again the fl6\_sock\_lookup() fixed locking  
Posted by [Pavel Emelianov](#) on Thu, 18 Oct 2007 12:36:58 GMT

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YOSHIFUJI fairly pointed out, that the users increment should be done under the ip6\_sk\_fl\_lock not to give IPV6\_FL\_A\_PUT a chance to put this count to zero and release the flowlabel.

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

Cc: YOSHIFUJI Hideaki <yoshfuji@linux-ipv6.org>

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```
diff --git a/net/ipv6/ip6_flowlabel.c b/net/ipv6/ip6_flowlabel.c
index e55ae1a..b12cc22 100644
--- a/net/ipv6/ip6_flowlabel.c
+++ b/net/ipv6/ip6_flowlabel.c
@@ -210,9 +210,9 @@ struct ip6_flowlabel * fl6_sock_lookup(struct sock *sk, __be32 label)
    for (sfl=np->ipv6_fl_list; sfl; sfl = sfl->next) {
        struct ip6_flowlabel *fl = sfl->fl;
        if (fl->label == label) {
-       read_unlock_bh(&ip6_sk_fl_lock);
        fl->lastuse = jiffies;
        atomic_inc(&fl->users);
+       read_unlock_bh(&ip6_sk_fl_lock);
        return fl;
    }
}
```

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Subject: Re: [PATCH] Fix again the fl6\_sock\_lookup() fixed locking  
Posted by [davem](#) on Thu, 18 Oct 2007 12:38:59 GMT

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From: Pavel Emelyanov <xemul@openvz.org>

Date: Thu, 18 Oct 2007 16:36:58 +0400

> YOSHIFUJI fairly pointed out, that the users increment should  
> be done under the ip6\_sk\_fl\_lock not to give IPV6\_FL\_A\_PUT a  
> chance to put this count to zero and release the flowlabel.

>

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

> Cc: YOSHIFUJI Hideaki <yoshfuji@linux-ipv6.org>

Applied, thank you very much Pavel.

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