
Subject: Re: [PATCH] bridge: Reset IPCB on forward non-local packets in
br_handle_frame_finish()

Posted by [Vasily Averin](#) on Wed, 02 Nov 2011 19:11:38 GMT

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On 11/02/2011 11:08 PM, Vasily Averin wrote:

> if dst is not local br_handle_frame_finish() does not clone original skb and
> forgets to reset IPCB before return to IP stack. it can lead to stack corruption
> in icmp_send()

example of stack corruption

http://bugzilla.openvz.org/show_bug.cgi?id=2016

> Signed-off-by: Vasily Averin <vvs@sw.ru>

> ---

> net/bridge/br_input.c | 5 +++--

> 1 files changed, 3 insertions(+), 2 deletions(-)

>

> diff --git a/net/bridge/br_input.c b/net/bridge/br_input.c

> index f06ee39..6be8d00 100644

> --- a/net/bridge/br_input.c

> +++ b/net/bridge/br_input.c

> @@ -93,10 +93,11 @@ int br_handle_frame_finish(struct sk_buff *skb)

> skb2 = skb;

>

> br->dev->stats.multicast++;

> - } else if ((dst = __br_fdb_get(br, dest)) && dst->is_local) {

> + } else if ((dst = __br_fdb_get(br, dest)) != NULL) {

> skb2 = skb;

> /* Do not forward the packet since it's local. */

> - skb = NULL;

> + if (dst->is_local) {

> + skb = NULL;

> }

>

> if (skb) {

> -- 1.7.5.4