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Subject: [PATCH] bridge: Reset IPCB on forward non-local packets in  
br\_handle\_frame\_finish()

Posted by [Vasily Averin](#) on Wed, 02 Nov 2011 19:08:57 GMT

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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()

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

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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

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