

Re: Random source ports in FreeBSD?

Source: <http://www.derkeiler.com/Mailing-Lists/FreeBSD-Security/2004-09/0045.html>

From: Mike Silbersack (*silby_at_silby.com*)

Date: 09/18/04

Date: Sat, 18 Sep 2004 15:07:34 -0500 (CDT)

To: "Danil V.Gerun" <news@625.ru>

On Sat, 18 Sep 2004, Danil V.Gerun wrote:

- > *So, as far as I got to know, randomizing source ports in FreeBSD is*
- > *impossible now? (to be exact – is not implemented?)*
- >
- > *It's very interesting to me – WHY is it so?*
- > *I mean – may be there are good reasons for not making all this?..*

Source port randomization was implemented before 4.10 was released. See `in_pcb.c` revisions 1.143 – 1.146, 1.59.2.27, or 1.59.2.27.2.1, depending on the branch you're interested in:

http://www.freebsd.org/cgi/cvsweb.cgi/src/sys/netinet/in_pcb.c

- > *I don't have opportunity to test the FreeBSD 5 patch, but I tried to*
- > *analyze the patching results attentively (what I worry about – is*
- > *using the `arc4random()` function in FreeBSD 5...).*

What are your concerns with the way port randomization was implemented in FreeBSD?

Mike "Silby" Silbersack

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<http://lists.freebsd.org/mailman/listinfo/freebsd-security>

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