

Re: Veractiy and FreeBSD

Source: <http://www.derkeiler.com/Mailing-Lists/FreeBSD-Security/2003-11/0031.html>

From: Garrett Wollman (wollman_at_khavrinen.lcs.mit.edu)

Date: 11/05/03

Date: Wed, 5 Nov 2003 12:41:53 -0500 (EST)
To: Kim Needham <kim.needham@rocksoft.com>

<<On Wed, 05 Nov 2003 11:58:21 +1030, Kim Needham <kim.needham@rocksoft.com> said:

> *This is caused by a check that determines if the /proc filesystem is on
> the same device as the file being read to prevent reading in files of
> infinite length.*

The correct way to perform this check is to call `fstatfs()` on the file descriptor and examine `f_fstypename[]` to see what it is. You probably shouldn't look explicitly at the type name; use `getvfsbyname()` on the type name; if `(vfc_flags & VFCF_SYNTHETIC)` then the contents of the file system are generated by the kernel.

–GAWollman

freebsd-security@freebsd.org mailing list

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

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