

## Re: Tuning for PostGreSQL Database

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/performance/2003-07/0088.html>

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**From:** Terry Lambert ([tlambert2\\_at\\_mindspring.com](mailto:tlambert2_at_mindspring.com))

**Date:** 07/26/03

Date: Fri, 25 Jul 2003 23:33:43 -0700  
To: Christopher Weimann <[cweimann@k12hq.com](mailto:cweimann@k12hq.com)>

Christopher Weimann wrote:

- > *So I have conflicting documentation.*
- >
- > *I have machine with 4Gig of ram. What is the maximum*
- > *value of SHMMAX on FreeBSD?*

Ideally, you would use memory mapped files for this, and not System V shared memory, so that the OS could implement swapping policies as it saw fit, and could actually swap the data, if neccessary, instead of it sucking up huge amounts of wired memory.

In any case, POSIX deprecated SysV shared memory years ago, and recommends that all code utilize `shm_open` instead, these days, if you insist on using an interface that sucks up huge amounts of wired pages and KVA space.

— Terry

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