

Re: Tuning for PostgreSQL Database

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From: Piotr (*meritus_at_wp.pl*)

Date: 07/30/03

To: freebsd-performance@freebsd.org

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Dnia nie 20. lipca 2003 00:18, Paul Pathiakis napisa³:

> *Hi,*

> *Are there optimal parameters for sizing on the disk throughput? That is,*
> *newfs parameters, i-node configuration, tuneufs parameters, async on the*
> *drives, etc? (consider nothing trivial, please feel free to just lay into*
> *this like I'm a newbie – considering my not-so-extensive experience with*
> *PostgreSQL)*

About newfs parameters i suggest to use:

– block size = 8 Kb

– fragment size = 8 Kb

Setting these parameters on database partition should minimize filesystem overhead since PostgreSQL stores it's database data in 8Kb chunks.

But actually it's just a theory. I didn't make any test to prove the benefits.

Regards

Piotr Rybicki

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