

Re: DBCC shrinkfile

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.server/2004-03/4339.html>

From: Paul S Randal [MS] (*prandal_at_online.microsoft.com*)

Date: 03/30/04

Date: Tue, 30 Mar 2004 09:50:52 -0800

Yes. It issues a lot of IO and takes short term X page locks. In internal tests we've seen up to 20% drop in transaction throughput, depending on the exact workload and hardware configuration. This is unavoidable due to the operations shrink has to perform.

What proportion of the database size is free-space? Consider not doing the shrink unless you're really desperate for the disk space or you *know* the database size won't grow again. If you shrink, the odds are that the database will have to grow again anyway. As always, depends on your exact workload etc etc

It is always 'safe' to do a shrink.

Regards

--

Paul Randal

Dev Lead, Microsoft SQL Server Storage Engine

This posting is provided "AS IS" with no warranties, and confers no rights.

"Hassan" <fatima_ja@hotmail.com> wrote in message

news:uBcDfwnFEHA.2876@TK2MSFTNGP09.phx.gbl...

> would DBCC shrinkfile cause any blocking or any hit to an OLTP environment

> while its running. Ive got a lot of extra space on some data files that I

> want to shrink and was wondering if its safe to do it during our peak

> hours... What does it do internally ? Any locking ,etc..Using SQL 2000

>

>