## Guidance for sizing NTFS volumes!

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Claus Joergensen, one of the founding fathers of Windows Storage Server, had a <u>great post today</u> about a new white paper, available <u>here</u>, discussing the best practices and guidance for sizing NTFS volumes. The paper also has details on self-healing NTFS and Chkdsk execution times on Windows Server 2008 R2.

When planning Windows file server deployments, we are often asked questions such as "How large can I make my volumes?" or "How long will it take to repair a volume?". This white paper helps answer these questions.

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If you are planning a Windows file server deployment or is looking to upgrade an existing Windows file server deployment to Windows Server 2008 R2, you should consult the white paper. It outlines how with Windows Server 2008 R2, NTFS can scale to easily support 15 TB file systems with 10 million files! Even with hundreds of millions of files the Chkdsk execution times are really fast. My favorite statistic is that a volume with 300 million files is able to Chkdsk in about 6 hours, that is so much faster than the old days.

Cheers, Scott M. Johnson

## Comments

szlevi 23 Feb 2011 5:56 PM
"It outlines how with Windows Server 2008 R2, NTFS can scale to easily support 15 TB file systems with 10 million files!"
I don't think that's a current development - I have such a volume (physically it's an 80-disk FC4 SAN unit), with 8-10M files for many years now and I had no problem with it under WSS 2003 x64 R2 either.
PNow as for chdsk... let's just say I don't run it too often.;)