

Fail to remirror > 1TB Volume

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http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.file_system/2004-11/0152.html

From: Jon Roberts (JonRoberts_at_discussions.microsoft.com)

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Hi there,

I am testing the capability of the MS iSCSI initiator (1.05a) on Win2k against two iSCSI targets (EqualLogic). I have created dynamic disks on two initiator connections (yes, I am aware that dynamic disks are not officially supported yet, but there is no directive not to use them). Mirrors up to 1TB work no problem.

Everything works fine until I attempt to re-mirror a volume of greater than 1TB capacity. The mirror resync gets to exactly 1TB through, then simply ends – leaving the mirror I was trying to add completely empty with no errors in the event logs at all. Searching the knowledge base, I came across the exact symptoms in article <http://support.microsoft.com/default.aspx?scid=kb;en-us:827913> The newer dmio.sys patch was applied and the server rebooted, but the failure remains exactly the same. The symptoms match mine perfectly – a virgin mirror creation works fine, but breaking/re-attaching fails.

I tested the same scenario on Windows 2003 Enterprise and found the same issue there as well – no KB article exists for the problem on Win2k3

The question is – does the same bug in Article 827913 exist in Win2k3 as well? I looked at the pre-release SP1 beta release notes, but found no reference to a fix of this nature.

I plan to use a hardware iSCSI HBA (Qlogic) for further testing and to rule out the MS initiator, but I have a suspicion that it's not the MS initiator that's at fault.

Other experiences greatly appreciated.

– Jon.