

Re: Unable to Apply SP4 to SQL 2000 Cluster (new Node)

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.clustering/2006-12/msg00084.html>

- *From:* hmscott <hmscott@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 19 Dec 2006 17:37:00 -0800
-

I read through the KB article, but I'm not 100% certain it's going to apply in this situation, unless it addresses broader issues that I'm not catching.

Here is our complete set up (and a bit more history below):

Node 1: IBM x346, QLogic dual port HBA, 4 on board drives configured as RAID 10

Node 2: IBM x346, QLogic dual port HBA, 4 on board drives configured as RAID 10

Node 3: Dell 2650, QLogic dual port HBA, 5 on board drives; RAID 1 and RAID 5

Node 4: Dell 2650, 2 QLogic single port HBAs, 5 on board drives; RAID 1 and RAID5

In the cluster administrator, there are 5 Groups:

Cluster Group (Disk, IP and Cluster Name)

MS DTC Group (Disk, IP, Network Name and DTC Application)

DBC01 (Disks, SQL Server resources)

DBC02 (Disks, SQL Server resources)

DBC03 (Disks, SQL Server resources)

Originally, this was a two node Active/Passive cluster using just the IBMs.

We had a second Active/Passive cluster running on some older machines and the idea was to consolidate things into a three-node Active/Active/Passive cluster. Problems cropped up as soon as I added the third node. The Cluster Wizard couldn't find a shared (Quorum capable) disk on node three. I found a KB article that indicated that this sometimes happens in Windows 2003 (pre SP1, which we were at the time). The solution was to hit the back button, and use the advanced options to specify minimal checks during the analysis phase. The warning was to be certain that the drives were configured correctly.

I was able to proceed after that with no trouble at all, loading a second instance of SQL 2000 and then patching it to SP4. I then started to configure the newly added third node to be "aware of" the first SQL Instance (since it was newly added, it had no knowledge of the first instance). I was able to load the RTM binaries, but when it came time to load SP4, I came across this same error (Virtual disks owned by another node). I get the same error with SP3, by the way.

Re: Unable to Apply SP4 to SQL 2000 Cluster (new Node)

I've been living with it for some time now, but recently we took our three node A