

## Re: Lost Quorum

**Source:**

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.clustering/2004-11/0052.html>

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**From:** Malle ([Malle\\_at\\_discussions.microsoft.com](mailto:Malle_at_discussions.microsoft.com))

**Date:** 11/04/04

Date: Wed, 3 Nov 2004 23:39:01 -0800

Hi Mike,  
thanks for your explanations.  
I will contact the veritas support.

"Mike Rosado [MSFT]" wrote:

> *Hi Malle,*  
>  
> *I'm by no means an expert in this subject matter of Veritas Volume Manager,*  
> *but I'll try to assist you to the best of my ability.*  
>  
> *Here's your problem, the error 995 which caused the reservation on the*  
> *Quorum disk to be lost.*  
>  
> *000007e8.0000091c::2004/11/01-06:34:01.542 Physical Disk <Disk Q>:*  
> *[DiskArb] error checking disk reservation thread, error 995.*  
> *000007e8.0000091c::2004/11/01-06:34:01.557 Physical Disk <Disk Q>:*  
> *[DiskArb] CompletionRoutine: reservation lost!*  
> *000007e8.0000091c::2004/11/01-06:34:01.557 [RM] RmpLostQuorumResource,*  
> *cluster service terminated...*  
>  
> *Here's what the error 995 means:*  
>  
> *# for decimal 995 / hex 0x3e3 :*  
> *ERROR\_OPERATION\_ABORTED*  
> *# The I/O operation has been aborted because of either a*  
> *# thread exit or an application request.*  
>  
> *The unfortunate part, is that we don't support Dynamic Disk on a Cluster.*  
> *Which looks like you are doing with Veritas Volume Manager and as stated in*  
> *the paragraph excerpt below, they should be your first point of contact when*  
> *encountering problems. Have you already contacted Veritas?*  
>  
> *237853 Dynamic Disk Configuration Unavailable for Server Cluster Disk*  
> *Resources*  
> *<http://support.microsoft.com/?id=237853>*  
>

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> When you install the Veritas Volume Manager product on a cluster and  
> configure Volume Manager Disk Group resources, Veritas is the first point of  
> support for cluster issues related to those resources.  
>  
> --  
> Hope this helps,  
> Mike Rosado  
> Windows 2000 MCSE + MCDBA  
> Microsoft Enterprise Platform Support  
> Windows NT/2000/2003 Cluster Technologies  
>  
> =====  
> When responding to posts, please "Reply to Group" via your newsreader so  
> that others may learn and benefit from your issue.  
> =====  
>  
> This posting is provided "AS IS" with no warranties, and confers no rights.  
> <<http://www.microsoft.com/info/cpyright.htm>>  
>  
> -----Original Message-----  
>  
> "Malle" <Malle@discussions.microsoft.com> wrote in message  
> news:D1009367-B7AC-402C-929E-706C8D6D99DF@microsoft.com...  
> > We have a 2 node w2k cluster attached via fiberchannel to our san storage.  
> > We use Veritas Volume Manager 3.1 on both nodes.  
> > we have noticed a failover and our customer want to know the reason :-/  
> > we have found event ID 1000,1015,1038 in the systemlog and it seems to be  
> > a  
> > problem with the quorum.  
> > we have checked the clusterlog we found the following errors:  
> > 00006f4.000007a8::2004/11/01-06:34:00.807 [DM]DmpCheckpointTimerCb- taking  
> > a  
> > checkpoint  
> > 000006f4.000007a8::2004/11/01-06:34:00.807 [LM] LogReset entry...  
> > 000006f4.000007a8::2004/11/01-06:34:00.807 [LM] LogpReset entry...  
> > 000006f4.000007a8::2004/11/01-06:34:00.807 [LM] LogpCreate : Entry  
> > 000006f4.000007a8::2004/11/01-06:34:00.807 [LM] LogpMountLog : Entry  
> > pLog=0x000c5c08  
> > 000006f4.000007a8::2004/11/01-06:34:00.807 [LM] LogpMountLog::Quorumlog  
> > File  
> > size=0x00000000  
> > 000006f4.000007a8::2004/11/01-06:34:00.807 [LM] LogpInitLog : Entry  
> > pLog=0x000c5c08  
> > 000006f4.000007a8::2004/11/01-06:34:00.823 [LM] LogpAppendPage : Writing  
> > 1024 bytes to disk at offset 0x00000000  
> > 000006f4.000007a8::2004/11/01-06:34:00.823 [LM] LogpInitLog :  
> > NextLsn=0x00000408 FileAlloc=0x00000800 ActivePageOffset=0x00000400  
> > 000006f4.000007a8::2004/11/01-06:34:00.823 [LM] LogpCreate : Exit with  
> > success  
> > 000006f4.000007a8::2004/11/01-06:34:00.823 [LM] LogGetLastChkPoint:: Entry  
> > 000006f4.000007a8::2004/11/01-06:34:00.823 [LM] LogGetLastChkPoint exit,

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```
> > returning 0x000013a8
> > 000006f4.000007a8::2004/11/01-06:34:00.823 [LM] LogReset:: no check point
> > found in the old log file
> > 000006f4.000007a8::2004/11/01-06:34:00.823 [LM] LogCheckPoint entry
> > 000006f4.000007a8::2004/11/01-06:34:00.823 [LM] LogpReset:: Callback
> failed
> > to return a checkpoint, error=87
> > 000006f4.000007a8::2004/11/01-06:34:00.823 [LM] LogClose : Entry
> >LogFile=0x000c5c08
> > 000006f4.000007a8::2004/11/01-06:34:00.823 [LM] LogFlush : pLog=0x000c5c08
> > writing the 1024 bytes for active page at offset 0x00000400
> > 000006f4.000007a8::2004/11/01-06:34:00.823 [LM] LogClose : Exit returning
> > success
> > 000006f4.000007a8::2004/11/01-06:34:00.823 [LM] LogpReset exit, returning
> > 0x00000057
> > 000006f4.000007a8::2004/11/01-06:34:00.823 [LM] LogReset exit, returning
> > 0x00000057
> > 000006f4.000007a8::2004/11/01-06:34:00.823 [DM]DmpCheckpointTimerCb -
> Failed
> > to reset log, error=87
> > 000006f4.000007a8::2004/11/01-06:34:00.839 Microsoft Clustering Service
> > suffered an unexpected fatal error
> > at line 2166 of source module D:\nt\private\cluster\service\dm\dmlog.c.
> The
> > error code was 87.
> > 000007e8.000007cc::2004/11/01-06:34:01.542 [RM] Going away, Status = 1,
> > Shutdown = 0.
> > 000007e8.000007cc::2004/11/01-06:34:01.542 [RM] RmpRundownResources,
> > terminate resource <Logistik>...
> > 000007e8.000007cc::2004/11/01-06:34:01.542 File Share <Logistik>:
> > SmbShareDoTerminate: SmbpShareNotifyWorker Terminated... !!!
> > 000007e8.0000091c::2004/11/01-06:34:01.542 Physical Disk <Disk Q:>:
> > [DiskArb] CompletionRoutine, status 0.
> > 000007e8.0000091c::2004/11/01-06:34:01.542 Physical Disk <Disk Q:>:
> > [DiskArb] posting AsyncCheckReserve request.
> > 000007e8.0000091c::2004/11/01-06:34:01.542 Physical Disk <Disk Q:>:
> > [DiskArb] error checking disk reservation thread, error 995.
> > 000007e8.0000091c::2004/11/01-06:34:01.557 Physical Disk <Disk Q:>:
> > [DiskArb] CompletionRoutine: reservation lost!
> > 000007e8.0000091c::2004/11/01-06:34:01.557 [RM] RmpLostQuorumResource,
> > cluster service terminated...
> > 000007e8.000007cc::2004/11/01-06:34:01.557 [RM] RmpRundownResources, close
> > resource <Logistik>...
> > 000007e8.000007cc::2004/11/01-06:34:01.557 [RM] RmpRundownResources,
> > terminate resource <PROBASTEST>...
> > 000007e8.000007cc::2004/11/01-06:34:01.557 File Share <PROBASTEST>:
> > SmbShareDoTerminate: SmbpShareNotifyWorker Terminated... !!!
> > 000007e8.000007cc::2004/11/01-06:34:01.557 [RM] RmpRundownResources, close
> > resource <PROBASTEST>...
> > 000007e8.000007cc::2004/11/01-06:34:01.557 [RM] RmpRundownResources,
> > terminate resource <NetworkerRemoteExec>...
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> > 000007e8.000007cc::2004/11/01-06:34:01.557 Generic Service  
> > <NetworkerRemoteExec>: Terminate request.  
> > 000007e8.000007cc::2004/11/01-06:34:01.557 Generic Service  
> > <NetworkerRemoteExec>: GenSvcTerminate : calling SCM  
> > 000007e8.00000920::2004/11/01-06:34:01.573 Physical Disk: PnP Event  
> > GUID\_IO\_VOLUME\_DISMOUNT for 619968 received  
> > 000007e8.000007cc::2004/11/01-06:35:01.728 Generic Service  
> > <NetworkerRemoteExec>: GenSvcTerminate: retrying...  
> > 000020a4.000018c8::2004/11/01-06:35:01.822  
> >  
> > 000020a4.000018c8::2004/11/01-06:35:01.822 [CS] Cluster Service started -  
> > Cluster Node Version 3.2195  
> > 000020a4.000018c8::2004/11/01-06:35:01.822  
> > OS  
> > Version 5.0.2195 - Service Pack 4 (AS)  
> >  
> > 000020a4.0000207c::2004/11/01-06:35:01.822 [CS] Service Starting...  
> >  
> > Has anyone an idea what happens ?  
> >  
>  
>  
>  
>