

# Re: Trying to Move Group – SQL Instance Won't Start

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*Source:*

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.clustering/2008-03/msg00095.html>

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- *From:* "Geoff N. Hiten" <[SQLCraftsman@xxxxxxxxxx](mailto:SQLCraftsman@xxxxxxxxxx)>
  - *Date:* Fri, 28 Mar 2008 09:45:38 -0400
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It sounds like when you added the nodes, you manually added the new nodes to the "allowed nodes" list for that instance and did not run the installer to put the binaries down on the new nodes. This is what I would expect to see after adding nodes without doing the install properly.

Did you follow the instructions in "Maintaining a Failover Cluster" in BOL on recovering from a cluster node failure?

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Geoff N. Hiten  
Senior SQL Infrastructure Consultant  
Microsoft SQL Server MVP

<edsmith@xxxxxxxxxxxxxxxxxxxx> wrote in message  
[news:9c148020-46b5-4251-8e5e-c021ba6bc552@xx](mailto:news:9c148020-46b5-4251-8e5e-c021ba6bc552@xx)  
On Mar 27, 3:48 pm, "Tom Moreau" <t...@xxxxxxxxxxxxxxxxxxxxxxxx> wrote:

Are you running these instances with domain account that does not have the appropriate privileges on the other nodes?

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Tom

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Thomas A. Moreau, BSc, PhD, MCSE, MCDBA, MCITP, MCTS  
SQL Server MVP  
Toronto, ON Canada <https://mvp.support.microsoft.com/profile/Tom.Moreau>

<edsm...@xxxxxxxxxxxxxxxxxxxx> wrote in message  
[news:61340dcb-4f73-48bd-8a8f-581c1a0a3e88@xx](mailto:news:61340dcb-4f73-48bd-8a8f-581c1a0a3e88@xx)  
Server Environment:  
N + 1 (Four Nodes), IBM X-Series, 32-bit, 4 processors, 16 GB RAM  
SQL 2000, SP4 with hotfixes, AWE and PAE configured

## Re: Trying to Move Group – SQL Instance Won't Start

The SQL cluster was originally built with 2 nodes (node-B is the passive failover node). Months later we added nodes C & D. Nodes A, C and D each have two SQL instances assigned and all failover to node B. Everything worked great for months.

Now we have plans to evict node-D from the cluster for other usage. So I decreased max server memory on all instances, changed "Possible Owners" and did a "Move Group" to move SQL instance 3 to node-A. This worked fine.

However, when I tried to move instances 5 & 6 from node-D to node-C, the SQL Server resource fail to start. (Instance 4 is currently on node-C all by itself).

I then deselected the "Affect the Group" option for all resources for SQL instance 6. Now the "Move Group" actually moved the resources to node-C, but the SQL Server resource still fails to start. I can move it back to node-D just fine.

Here's the error from the Cluster.log:

```
ERR SQL Server <SQL Server (INS06)>: [sqsrves] OnlineThread:  
RegOpenKeyExW failed (status 2)  
ERR SQL Server <SQL Server (INS06)>: [sqsrves] OnlineThread: Error 2  
bringing resource online.  
INFO [RM] RmpSetResourceStatus, Posting state 4 notification for  
resource <SQL Server (INS06)>
```

We've been trying to troubleshoot for weeks now... we can move SQL instances 5 & 6 to node-B just fine.

Please help--Thanks

The same domain account is used for all SQL services and for all instances across all nodes.

Ed

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