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SQL Server Agent not listed as cluster resource

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Ask a question



MAllen99

20 Points

Monday, August 16, 2010 11:17 PM

Hello everyone, thanks for any help on this issue. I have recently installed SQL 2008 R2 on a Server 2008 R2 machine cluster. We ran the advanced cluster prep and completion. I have SQL Server up and running properly and failing over between nodes. In the failover cluster Sign In to manager, when I select SQL Server, I do not have the SQL Server Agent listed under other resources. When I try to start the Agent from the SQL Configuration Manager it fails with an event 103 and I've found several notes on this error but I am figuring the root issue is that there isn't a cluster resource for the Agent.

Is it possible to create the resource for the Agent? I have run a repair and I have tried to use add a resource, generic service, sql agent but it fails when I attempt to bring it online.

Thanks again for any help on this.

Mike

Reply

Ouote

Answers



Vijay Sirohi Microsoft (MSFT) 2,420 Points

Thursday, August 19, 2010 6:56 AM

12

The SQL agent is missing because the setup never finished successfully.

At this point you should

Sign In to 1 - Add the SQL agent 'resource type'.

cluster restype "SQL Server Agent" /create /DLL:sqagtres.dll

2- Add the SQL agent resource ..

In the Failover Cluster Management use Add Resource to add the SQL Server Agent resource.

Name the resource as "SQL Server Agent", as this is case sensitive unless you are on CU3 or above for SQL Server 2008 RTM.

- a. Right-click on the SQL Agent resource and go to Properties and fill in values for the two parameters.
- b. Specify the Virtual Server name of the SQL instance.
- Specify the Instance name.
- d. Add the SQL Server Resource as a dependency for the newly created SQL Server Agent resource
- 3. Open Registry Editor and browse to the following location.

Default Instance

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Microsoft SQL Server\MSSQL10.MSSQLSERVER\ConfigurationState

Named Instance

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft Microsoft SQL $Server \verb|\MSSQL10.INSTNAME| Configuration State$

Make sure that the values for all the keys present are 1. In case it is not, change it to 1.

This will set the configuration state for all SQL features to 1, meaning the feature is installed and configured. A value greater than 1 indicates either an install failure or configuration failure.

4- perform a repair of the instance.

How to: Repair a Failed SQL Server 2008 Installation http://msdn.microsoft.com/en-us/library/cc646006.aspx

just fyi there is a KB coming for this.

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Failed to Install Second Node in the cluster

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Started: 8/16/2010 Last Reply: 6/2/2012 Helpful Votes: 14 Replies: 17 Views: 18.872

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thx-vijay

Proposed As Answer by Tom Li - MSFT Moderator Thursday, August 19, 2010 7:37 AM Marked As Answer by MAllen99 Thursday, August 19, 2010 8:31 PM

Reply

Ouote

All Replies



Sergey Olontsey (Partner) 513 Points

Tuesday, August 17, 2010 7:19 AM

0

Try to add custom service to cluster resource and choose SQL Agent.

Sign In to Vote

Reply



SIVAPRASAD S - SIVA Sivaprasad Inc (Partner) 1,850 Points

Tuesday, August 17, 2010 10:14 AM

0

Please post the exact error message you are receiving on the SQL Server Errorlog / Agent

Sign In to SQL Server Agent will be part of the SQL Server installation and it will be by default would appear on the Cluster Manager.

Sivaprasad S http://sivasql.blogspot.com Please click the Mark as Answer button if a post solves your problem!

Reply

Quote



Vijay Sirohi Microsoft (MSFT)

Thursday, August 19, 2010 6:56 AM

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Default Instance

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Named Instance

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thx-vijay

Proposed As Answer by Tom Li - MSFT Moderator Thursday, August 19, 2010 7:37 AM Marked As Answer by MAllen99 Thursday, August 19, 2010 8:31 PM

Reply

Quote



Vijay Sirohi Microsoft (MSFT) 2,420 Points

Answerer

Thursday, August 19, 2010 6:58 AM



and Yes one last thing .. change the dependencies if any and delete the generic resource that you created for sql agent.

Sign In to Vote

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MAllen99 20 Points

Thursday, August 19, 2010 8:31 PM

0

Perfect, thanks much for the help everyone.

Sign In to Vote

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NoraviaRodriguez City Of Miami - IT Depar... 0 Points

Tuesday, August 31, 2010 9:51 PM

0

I am having the same issue and have followed the same instructions but was never as lucky

Vote

Sign In to I am running SQL Server Agent as a generic service not as a SQL Server Agent cluster resource service

Any advise

Reply

Quote



Vijay Sirohi Microsoft (MSFT) 2,420 Points

Answerer

Sunday, September 05, 2010 9:09 AM

The above solution will work.

Vote

First delete the generic resource that you have created and then follow the solution Sign In to provided above.

thx-viiav

Reply

Quote

Sarah Khan 0 Points

Saturday, October 23, 2010 5:30 PM



When trying to run:

cluster restype "SQL Server Agent" /create /DLL:sqagtres.dll

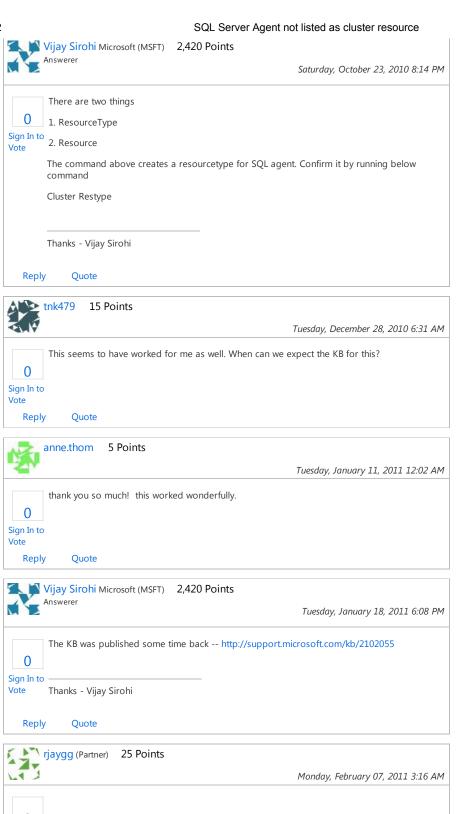
Sign In to

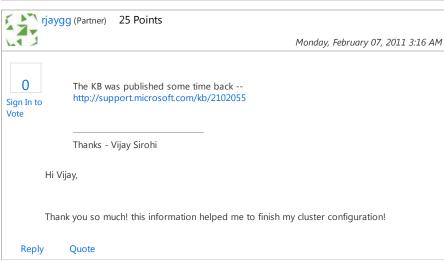
I'm getting the following error message: Cannot create a file when that file already exists. I've ensured this resource does not exist in my default instance cluster group.

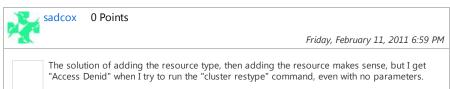
Any help would be appreciated!

Reply

Quote



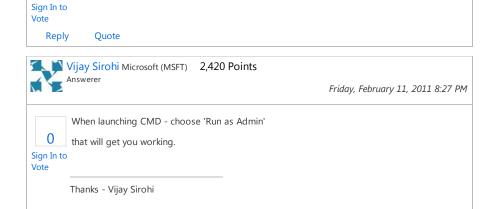




0

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I'm a local system admin...weird.