

Re: Using sql server clustering

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.clustering/2007-06/msg00106.html>

- *From:* "Roy Goldhammer" <roy@xxxxxxxxxxx>
 - *Date:* Sun, 24 Jun 2007 11:42:25 +0300
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WHell Andrew

I got more information about the system i should manage:

for the 6 applications that uses the same data
there is only one application that only load data from sources and there are
5 applicaions that just showing the data.

So it seems that i need replication for that. and not merge but transactioal
replication but this is not for this forum.

my question is: it seems that in order to make the system better i should
add more server for incoming data wich is failover cluster.

About the servers to pull data, can i use sql server clustering in order to
make that if one of the 5 is fallen down anoter server use it?

"Andrew J. Kelly" <sqlmvpnoospam@xxxxxxxxxxx> wrote in message
news:OR4ZBscsHHA.4572@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Wow, you are really starting at the bottom:). I suggest you start here to
get an idea of what options are available to SQL Server in terms of HA.

<http://www.microsoft.com/sql/technologies/highavailability/default.msp>

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Andrew J. Kelly SQL MVP

"Roy Goldhammer" <roy@xxxxxxxxxxx> wrote in message
news:umBRnjbsHHA.1184@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Thanks Andrew

If what you are saying is true i need it only for recovery.

Do you have offical a documentation from microsoft about it?

Re: Using sql server clustering

secondly' i've seen some documentation about sql server clustering witch is being used by windows clustering (as far as i know). but on the document i've seen something about create virtual server.

what is this thing?

"Andrew J. Kelly" <sqlmvpnoospam@xxxxxxxxxxxx> wrote in message [news:O1MUS\\$KbsHHA.4612@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:O1MUS$KbsHHA.4612@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Clustering in SQL Server is a hardware failover technology only. There is no load sharing of any kind and there are no performance benefits from running SQL Server in a Windows cluster. The only thing a cluster will get you close to is #3. But only 1 server at a time is active. You best bet is to optimize your existing applications / database or to scale up with the hardware. Another option may be to use replication but it sounds like you will need Merge and that would not be my first choice.

—
Andrew J. Kelly SQL MVP

"Roy Goldhammer" <roy@xxxxxxxxxxxx> wrote in message news:%23t7HmyasHHA.1412@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hello there

I have huge sql server database that works on single server right now.

To the database there are at least 6 applications that update the data and use it.

as a result of that there are problems on performance.

I've heard that by using sql server clustering i can do 3 things that will improve my performance:
1. setting 6 different servers for each application and due to sql server clustering(as i've been heard) the data is immediately being update on each other server

Re: Using sql server clustering

2. the clustering can assist the performance by getting to one application data from more than one server
3. Recovery: this way if one server is down the other server fills its action until the server is online again.

my question:

1. is all true that it can be achieved on sql server clustering?
2. how can i start learning and using it?
3. what hardware i need to test it and to place at the client?