

Re: Adding 3 nodes to a cluster

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.clustering/2008-04/msg00059.html>

- *From:* "Geoff N. Hiten" <SQLCraftsman@xxxxxxxxxx>
 - *Date:* Tue, 15 Apr 2008 14:34:48 -0700
-

Nodes are not instances. They are independent resources.

Nodes are computers. Each instance has to be installed to each allowed node. The installer takes care of adding and removing nodes from instances. So you need to add the nodes to the cluster using the Cluster tool. Then extend the existing instance to the new nodes using the installer. Finally, add four new instances with all nodes as allowed hosts. Each virtual server can only host one instance so you will need new resources for each new instance. Don't forget to patch each instance after installing/modifying the node set.

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

"AJ" <AJ@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:F4D0B931-1383-4906-A73B-0157440E74CA@xxxxxxxxxxxxxxxxxxxx>

I need to add these new servers as separate instances in the SQL cluster. Basically what we are aiming for is a 5 active SQL cluster with each of the servers acting as a failover in case one of the servers fails. Is this possible even though the cluster is already established with two separate instances?

What we would like to do is add the 3 new nodes as separate instances within the cluster. The plan is to basically separate our 5 major databases onto their own server but maintain the failover feature.

What we currently have is two separate virtual servers each running their own instance of sql.

Any ideas are welcome.

thx.
"Geoff N. Hiten" wrote:

Re: Adding 3 nodes to a cluster

The SQL installer allows you to add the new nodes as allowed hosts after you have joined the new nodes to the cluster. You must use the installer (SQL2000) to apply binaries to the new nodes and set the clustered properties correctly.

Look up "maintaining a failover cluster" in BOL.

--

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

"AJ" <AJ@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:F722B90A-87D0-4D99-8CAD-88BFFE746FDF@xxxxxxxxxxxxxxxxxxxx

> Hello,
>
> I'm attempting to add three nodes to a SQL 2000 two node cluster. All
> three
> servers have been added but I cannot failover the sql instances from > the
> previous two node cluster to any of the new servers. I did notice that
> there
> were SQL services for the old instances missing on the new servers. > I've
> added those missing registry entries but the fail over always fails > when
> attempting to bring online the SQL server instance.
>
> Is there a way to manually correct this issue?