

Re: Cannot Add Second Node to Cluster: Multiple DNS records were found for "MyServer.MyNet.local"

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Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.clustering/2007-12/msg00125.html>

- *From:* "Charles Law" <blank@xxxxxxxxxxxx>
 - *Date:* Tue, 18 Dec 2007 22:32:35 -0000
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Hi Russ

Thanks for the reply.

Can you right click the cluster group and move it to Server2 and then back again to Server1?

Yes, I can. So now I think I only have one problem: the multiple DNS thing (not withstanding, the nightmare configuration).

This is a very bad idea. You should never cluster domain controllers.

I'm not disagreeing, but more than one Microsoft document says that this is ok. I saw a reference in another thread you are helping in, and the Microsoft guide I have been following also makes reference to this as a viable configuration.

What I need to know is, can it work, and/or can it be made to work? What, in practice, are going to be my problems?

In the meantime, Server1 failed to register its IP info on the DNS in Server2 and thus registered with itself only.

I know not ideal, but isn't that the point of each server pointing to each other for DNS resolution?

Just for the moment, if I could get this DNS issue resolved, then I would be happier. Do you know why I get the message, and what would put it right?

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Cheers.

Charles

"Russ Kaufmann [MVP]" <russ@xxxxxxxxxxxxxxxx> wrote in message
news:C902086F-D3FD-4345-9DF7-69782E386514@xxxxxxxxxxxxxxxxxxxx

"Charles Law" <blank@xxxxxxxx> wrote in message
news:ubUMpAaQIHA.5980@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

MyServer1 is a domain controller, and so is MyServer2, as recommended in the MS guide. Both have DNS installed.

This is a very bad idea. You should never cluster domain controllers.

I have configured and checked a private and public network between the servers; the private network is over a short cross-over cable, whilst the public network goes to an unmanaged Gigabit switch. I have fixed IP addresses all round, and can ping everything in sight. The server's public network configurations point to each other for primary DNS and to themselves for secondary DNS. The private network has only TCP/IP enabled, no default gateway or DNS, no LMHOSTS, and NetBIOS disabled.

DNS should be on a remote DNS server. This is especially true when doing what you are doing.

The first odd thing to note is that when I try to add node 2, it is unable to see drives Q: through S:. That is, I start node 1, wait a while and then start server 2.

In the meantime, Server1 failed to register its IP info on the DNS in Server2 and thus registered with itself only.

If I look in Computer Management | Disk Management, the three disks have 'no entry' signs on them, and are marked as unreadable.

This is expected behaviour as Server1 owns the disks.

If I keep clicking Next when adding the second node, the wizard completes and tells me that node 2 was added successfully, but I don't believe it. If I open Cluster Administrator I can see two nodes: MyServer1 and

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MyServer2. MyServer1, Active Resources contains entries for

Cluster IP Address

Cluster Name

Disk Q

Disk R

Disk S

Sounds to me like you have a cluster.

MyServer2, Active Resources is empty, as is the Active Groups folder in Cluster Administrator.

Yep, because they are all active on Server1.

Can anyone tell me what I could have done wrong, or how I can home in on the cause of this problem? It looks like there could be more than one problem: a) the multiple DNS issue, and b) the inability to read the quorum disk on server 2 when node 1 is on.

Can you right click the cluster group and move it to Server2 and then back again to Server1? If yes, then you are done. You ahve a cluster. A cluster that is configured like a nightmare, but a still a cluster.

—

Russ Kaufmann

MVP – Windows Server – Clustering

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