

RE: New DC 2003 R2 with SBS2003 replication problem. Need Help !

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-08/msg00184.html>

- *From:* v-crinal@xxxxxxxxxxxxxxxxxxxxxxxx ("Crina Li")
 - *Date:* Mon, 07 Aug 2006 06:26:14 GMT
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Hi Jose,

Thank you for posting in the SBS Newsgroup.

I am sorry for the delayed response due to weekend. Please understand that the newsgroups are staffed weekdays by Microsoft Support professionals to answer your systems and applications questions. Your understanding is greatly appreciated!

From the description, I understand that you have added an additional DC on

SBS domain and you get some KCC errors on SBS. If I have misunderstood your concern, please do not hesitate to let me know.

As I know, the issue may be caused by the Intersite Messaging service has not enabled on SBS. Please try to enable the service via running services.msc to see if it helps.

Related information:

Step-by-Step Guide to Adding and Managing Additional Servers in a Windows Small Business Server Network

<http://go.microsoft.com/fwlink/?LinkId=62145>

Running Multiple Servers in a Windows Small Business Server Environment

<http://go.microsoft.com/fwlink/?LinkId=60081>

Checklist: Creating an additional domain controller in an existing domain

<http://www.microsoft.com/technet/prodtechnol/windowsserver2003/library/ServerHelp/9c0d099f-d692-40ae-a5f1-74accda68e76.mspx>

I appreciate your time and look forward to hearing from you.

Best regards,

Crina Li (MSFT)

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Microsoft CSS Online Newsgroup Support

Get Secure! – www.microsoft.com/security

This newsgroup only focuses on SBS technical issues. If you have issues regarding other Microsoft products, you'd better post in the corresponding newsgroups so that they can be resolved in an efficient and timely manner. You can locate the newsgroup here:
<http://www.microsoft.com/communities/newsgroups/en-us/default.aspx>

When opening a new thread via the web interface, we recommend you check the "Notify me of replies" box to receive e-mail notifications when there are any updates in your thread. When responding to posts via your newsreader, please "Reply to Group" so that others may learn and benefit from your issue.

Microsoft engineers can only focus on one issue per thread. Although we provide other information for your reference, we recommend you post different incidents in different threads to keep the thread clean. In doing so, it will ensure your issues are resolved in a timely manner.

For urgent issues, you may want to contact Microsoft CSS directly. Please check <http://support.microsoft.com> for regional support phone numbers.

Any input or comments in this thread are highly appreciated.

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| Thread-Topic: New DC 2003 R2 with SBS2003 replication problem. Need Help !
| thread-index: Aca5pKSvpXNxbjSuRdm90f966yYY3A==
| X-WBNR-Posting-Host: 83.36.187.230
| From: =?Utf-8?B?amlybQ==?= <jirm@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
| Subject: New DC 2003 R2 with SBS2003 replication problem. Need Help !
| Date: Sun, 6 Aug 2006 15:07:01 -0700
| Lines: 71
| Message-ID: <E1E6716E-752E-4931-899C-9D8382836B41@xxxxxxxxxxxx>
| MIME-Version: 1.0
| Content-Type: text/plain;
| charset="Utf-8"
| Content-Transfer-Encoding: 8bit
| X-Newsreader: Microsoft CDO for Windows 2000
| Content-Class: urn:content-classes:message
| Importance: normal
| Priority: normal
| X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.1830
| Newsgroups: microsoft.public.windows.server.sbs
| Path: TK2MSFTNGXA01.phx.gbl

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| Xref: TK2MSFTNGXA01.phx.gbl microsoft.public.windows.server.sbs:287442
| NNTP-Posting-Host: TK2MSFTNGXA01.phx.gbl 10.40.2.250
| X-Tomcat-NG: microsoft.public.windows.server.sbs

|

| Hi to all !.

|

| I recently added one new 2003 server standard R2 like 2nd DC in one domain

| with one another DC SBS2003 SP1.

| This 2003 server R2 I added is in another remote office connected with the

| main office (in wich are the SBS2003) trough VPN.

| All the problems are solvented and the VPN connection works fine, I see that

| the replication between servers works well and I included a domain DFS root

| as well without problems.

|

| Only one problem can't be resolved:

| The SBS remain with several KCC errors 1311, 1312, and 1865, but no errors

| appears in the 2003 Server R2.

| Some errors definition in event log are:

| "Error 1865

| The Knowledge Consistency Checker (KCC) was unable to form a complete spanning tree network topology. As a result, the following list of sites cannot be reached from the local site.

|

| Error 1311

| The Knowledge Consistency Checker (KCC) has detected problems with the following directory partition.

| Directory partition:

| CN=Configuration,DC=domain,DC=com

| There is insufficient site connectivity information in Active Directory

| Sites and Services for the KCC to create a spanning tree replication

| topology. Or, one or more domain controllers with this directory partition

| are unable to replicate the directory partition information. This is

|

| Error 1312

| call to the Intersite Messaging service that specifies the following

| transport failed.

| Transport:

| CN=IP,CN=Inter-Site Transports,CN=Sites,CN=Configuration,DC=domain,DC=com

| As a result, the Knowledge Consistency Checker (KCC) cannot configure a correct intersite replication topology.

| User Action

| Verify that the Intersite Messaging service is running.

| Additional Data

| Error value:

| 1722 The RPC server is unavailable."

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| I tested several configurations in "sites and services" and I surprised that
| if both servers are in the same site all the KCC errors disappears and all
| works great, but if I place each server in different site (I need this, the
| servers are in different subnets and need to "control" the log-in for
| computer clients) the KCC errors comes again only in SBS2003, but the
| replication still working !!.
| The configuration in "sites and services" are the recommended like MS
| whitepapers says for this environment, I configured the Subnets for the
| sites, One site-link with IP and another with SMTP, Both server have links
| with the other in NTDS settings object, and both DC are BridgeHeads for the
| links IP and SMTP, and both GC for the AD.
| I think that all the configuration in both servers are correct, or not?.
|
| Why these KCC errors ???
| It's possible that only have a problem with inter-site replications, but
| no
| in intra-site?
| It has something that to see with the R2 esquema extension in the SBS
| 2003??
| I only run adprep /forestprep for SBS2003 to join the 2003 server R2 to
| domain (I think no necessary to run the /domainprep like some people says)
|
| I seek for several days one answer in MS documents, blogs, etc... with no
| luck.
|
| Please need Help, this problem it's very big for me !!!
|
| Thanks in advance, and sorry about my very bad English.
|
| Jose.

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