

# RE: How to reinstate DC on network with same server name and ID bu

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2005-10/msg01722.html>

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- *From:* [v-chayan@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:v-chayan@xxxxxxxxxxxxxxxxxxxxxxxx) ("Charles Yang [MSFT]")
  - *Date:* Tue, 18 Oct 2005 00:31:28 GMT
- 

HI,

Thanks for updates.

In order to make more clearly about your issue, please also send me the ipconfig/all on the SBS server side and on the windows 2000 DC side. We need to gather these information for troubleshooting. As I know, the AD replication error could be caused by many factors.

If there are no other information on Windows 2000 DC, you can also demote the Windows 2000 DC then delete the computer account on SBS 2003 for Windows 2000 DC then follow my suggestion in my first reply to join the Windows 2000 DC as the additional DC on SBS 20003 domain, then the sync will be automatically configured. Make sure that you create the site for the remote DC so that you can configure the local client to logon local DC.

I really appreciate your effort on this issue.

Best regards,

Charles Yang (MSFT)

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=====  
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Any input or comments in this thread are highly appreciated.

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| Thread-Topic: How to reinstate DC on network with same server name and ID  
bu  
| thread-index: AcXTUd6AcMyTnQzzQ7e4ICmE6mLFcw==  
| X-WBNR-Posting-Host: 24.106.234.2  
| From: =?Utf-8?bWFrZWVs?= <makeel@xxxxxxxxxxxxxxxxxxxxxxxx>  
| References: <18EC74A2-B970-4E6F-AF58-3759FD065FFB@xxxxxxxxxxxx>  
<pQ0#KnVzFHA.424@xxxxxxxxxxxxxxxxxxxx>  
<A6790873-DF0D-4BD5-9F83-A725DA4851CB@xxxxxxxxxxxx>  
<rApzeU9zFHA.3764@xxxxxxxxxxxxxxxxxxxx>  
<097C8007-2A2F-4262-ADA6-78584C5FE183@xxxxxxxxxxxx>  
<z2ciGDG0FHA.1468@xxxxxxxxxxxxxxxxxxxx>  
| Subject: RE: How to reinstate DC on network with same server name and ID  
bu  
| Date: Mon, 17 Oct 2005 12:35:02 -0700  
| Lines: 333  
| Message-ID: <23591226-1564-4E52-BEA9-43CDCEAC2E8E@xxxxxxxxxxxx>  
| MIME-Version: 1.0  
| Content-Type: text/plain;  
| charset="Utf-8"  
| Content-Transfer-Encoding: 7bit  
| X-Newsreader: Microsoft CDO for Windows 2000  
| Content-Class: urn:content-classes:message  
| Importance: normal  
| Priority: normal  
| X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.0  
| Newsgroups: microsoft.public.windows.server.sbs

RE: How to reinstate DC on network with same server name and ID bu

RE: How to reinstate DC on network with same server name and ID bu

| NNTP-Posting-Host: TK2MSFTNGXA03.phx.gbl 10.40.2.250  
| Path: TK2MSFTNGXA01.phx.gbl!TK2MSFTNGXA03.phx.gbl  
| Xref: TK2MSFTNGXA01.phx.gbl microsoft.public.windows.server.sbs:162099  
| X-Tomcat-NG: microsoft.public.windows.server.sbs

| Thanks for your assistance Charles. I had another run at this issue this weekend and I'm having trouble getting the two servers working together to

| authenticate user's logons at the site where the Win2K server runs. Two problems are as follows:

| 1) In order to have users logon, I have to pull (disconnect) the connection

| between sites so that the SBS server cannot intervene with the authorization.

| However, once the logon is accepted, and the SBS LAN is reconnected, all resources appear accessible by the user for both servers.

| 2) There are periods of very slow file access on both the local Win2K server

| and SBS03 server at random for clients on the Win2K LAN.

| Answers to your questions:

| Have I joined the SBS 2003 domain correctly with the Win2K server? I believe there were no issues with the server's relationship before their separation.

| Is the remote DC now configured to use the SBS server as a DNS server? The

| Win2K server was always configured to use the SBS03 server as a DNS server as

| far as I know. You are referring to the LAN side NIC ip address being the single entry under DNS preferred servers on TCP/IP properties?

| I'm going to send you some of the recent event messages on the servers shortly. Looks like the whole problem is tied to getting the SBS03 server to

| allow syncing. The long duration of disconnect seems to have caused some kind

| of conflict having to do with tomb stoning. I've followed some tech docs and

| tried to clear out entries from the Win2K server, but I only received errors

| from the support tools instructed to use.

| Thanks

| ""Charles Yang [MSFT]"" wrote:

| > HI,

| >

| > Thanks for updates.

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|>

|> I understand that you have reconnected the Windows 2000 member DC to SBS

|> domain, so I want to confirm that you have joined the SBS 2003 domain correctly. If you confirm this issue, we need to get the event log for further troubleshooting:

|>

|> This should be the DC replication issue between two DC server on SBS domain:

|>

|> 1. Please check the event log on SBS 2003 DC and Windows 2000 DC sever to

|> paste any related error event, we should find a lot of error event relate

|> to DC replication. If possible, please email these event log to my mailbox:

|> v-chayan@xxxxxxxxxxxxxx

|> 2. We want to know your DNS setting on your Windows 2000 DC, we found the

|> error you offered relate to DNS look up issue, so I think your DNS on Windows 2000 DC is not configured correctly, as you use the private line

|> connect to SBS 2003 domain from Windows 2000 DC, so I want to know if you

|> have configure the DNS server on SBS 2003 internal NIC as your DNS server

|> on Windows 2000 DC? We suggest configure it as your primary DNS server on

|> Windows 2000 DC to make sure that you can resolve the SBS 2003 domain

|> correctly. We suggest you configure your ISP' DNS as forward DNS server,

|> please do not configure it as the DNS server on the TCP/IP list on your

|> Windows 2000 DC. If your Windows 2000 DC is also the DNS server, please use

|> it as the primary DNS server on the TCP/IP list, while you can configure

|> SBS 2003 DNS server as the forward DNS server, please note that you do not

|> need to add the SBS 2003 records on Windows 2000 DNS server, it might cause

|> some unexpected issue.

|>

|> Hope the above information helpful, please feel free to post back, if you

|> have any further concerns. I am glad to be of further assistance.

|>

|>

|>

|> Best regards,

|>

|> Charles Yang (MSFT)

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|> -----  
|> | Thread-Topic: How to reinstate DC on network with same server name  
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RE: How to reinstate DC on network with same server name and ID bu

|> bu  
|> | thread-index: AcXP/owSjsXeYqpIQsm0TvZe3YPnBw==  
|> | X-WBNR-Posting-Host: 24.106.234.2  
|> | From: =?Utf-8?B?bWFrZWVs?= <makeel@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
|> | References: <18EC74A2-B970-4E6F-AF58-3759FD065FFB@xxxxxxxxxxxx>  
|> | <pQ0#KnVzFHA.424@xxxxxxxxxxxxxxxxxxxx>  
|> | <A6790873-DF0D-4BD5-9F83-A725DA4851CB@xxxxxxxxxxxx>  
|> | <rApzeU9zFHA.3764@xxxxxxxxxxxxxxxxxxxx>  
|> | Subject: RE: How to reinstate DC on network with same server name and  
ID

|> bu  
|> | Date: Thu, 13 Oct 2005 07:01:02 -0700  
|> | Lines: 309  
|> | Message-ID: <097C8007-2A2F-4262-ADA6-78584C5FE183@xxxxxxxxxxxx>  
|> | MIME-Version: 1.0  
|> | Content-Type: text/plain;  
|> | charset="Utf-8"  
|> | Content-Transfer-Encoding: 7bit  
|> | X-Newsreader: Microsoft CDO for Windows 2000  
|> | Content-Class: urn:content-classes:message  
|> | Importance: normal  
|> | Priority: normal  
|> | X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.0  
|> | Newsgroups: microsoft.public.windows.server.sbs  
|> | NNTP-Posting-Host: TK2MSFTNGXA03.phx.gbl 10.40.2.250  
|> | Path: TK2MSFTNGXA01.phx.gbl!TK2MSFTNGXA03.phx.gbl  
|> | Xref: TK2MSFTNGXA01.phx.gbl microsoft.public.windows.server.sbs:161070  
|> | X-Tomcat-NG: microsoft.public.windows.server.sbs  
|> |

|> | I don't think you understand, or I'm not understanding. I've already  
|> | purchased, installed, deployed, made work and then broke connection,  
and  
|> | finally reconnected again, the Windows 2000 Server DC member of an  
SBS

|> domain  
|> | and I'm now trying to get things working again.  
|> |  
|> | Please advise.

|> | ""Charles Yang [MSFT]"" wrote:

|> |> HI,  
|> |>  
|> |> From your description, I understand that you want to update the DC  
on  
|> |> Windows 2000 which is the member of SBS domain also to replicate  
the AD  
|> |> information. That means you need to get a license for Windows 2000  
DC  
|> |> as an  
|> |> additional DC on SBS 2003 domain. You can refer to the article

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below

|> for

|> |> adding an additional DC to SBS domain, please understand that this is

|> the

|> |> only way for setting up additional DC on SBS domain and do the AD

|> |> replication as SBS domain can not establish any trust to other domain.

|> |>

|> |> You can refer to the following documents to deploy additional DC in

|> branch

|> |> office on SBS domain:

|> |>

|> |>

|>

<http://www.microsoft.com/technet/archive/windows2000serv/technologies/active>

|> |> directory/deploy/adguide/addeploy/addch07.msp

|> |>

|> |> In addition, you may need to know about the properly configuration for

|> the

|> |> license on every additional DC, please refer to the following section

|> for

|> |> detailed steps:

|> |>

|> |> A. Go to the additional Windows servers, open Services console

|> in

|> |> "Administrative Tools". Make sure that the "License Logging

|> services"

|> |> is running.

|> |>

|> |> B. Go to the SBS 2003 server, open "Active Directory Sites and

|> |> Services". Click on Default-First-Site-Name and the double click on

|> |> Licensing Site on the right. Make sure that the SBS 2003 server is the

|> |> Licensing Computer.

|> |>

|> |> C. Go to the additional servers, open "Licensing" console

|> in

|> |> "Administrative Tools". Set the licensing mode of the additional

|> Windows

|> |> server to "Per Seat"/"Per Device" mode. The number of licenses

|> |> should

|> |> be set to be equal to the number of SBS client access license

|> |> (CAL).

|> You

|> |> can select License->New License from the menu and then select

Windows

|> |> Server from the dropdown and specify the same number of license that

|> your

|> |> SBS server has.

|> |>

|> |> If so, it should be the AD replication issue, please understand that

|> you

|> |> need to use domain administrator account to make sure the DC

|> replication

|> |> can be continued, as we know SBS is not allowed trust. Make sure that

|> you

|> |> have logon SBS domain on Windows 2000 DC when doing AD replication.

|> |>

|> |> You need also to make sure that DNS server on Windows 2000 DC is point

|> to

|> |> SBS internal NIC. You need to get the SBS internal IP address or deploy

|> a

|> |> site to site VPN connection in order to make the DC replication between

|> SBS

|> |> server and Windows 2000 DC.

|> |>

|> |> I appreciate your understanding on this issue; please feel free to post

|> |> back, if you have any further concerns. I am glad to help you.

|> |>

|> |>

|> |>

|> |> Best regards,

|> |>

|> |> Charles Yang (MSFT)

|> |>

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|> |>

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|> |>

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|> |> | Thread-Topic: How to reinstate DC on network with same server name

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|> |> bu

|> |> | thread-index: AcXPLHC+s24A6tE6T9C/y7VBxPdw9Q==

|> |> | X-WBNR-Posting-Host: 24.106.234.2

|> |> | From: =?Utf-8?B?bWFrZWVs?= <makeel@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

|> |> | References: <18EC74A2-B970-4E6F-AF58-3759FD065FFB@xxxxxxxxxxxx>

|> |> | <pQ0#KnVzFHA.424@xxxxxxxxxxxxxxxxxxxx>

RE: How to reinstate DC on network with same server name and ID bu

>> Subject: RE: How to reinstate DC on network with same server name  
and  
> ID  
>> bu  
>> Date: Wed, 12 Oct 2005 05:57:02 -0700  
>> Lines: 220  
>> Message-ID: <A6790873-DF0D-4BD5-9F83-A725DA4851CB@xxxxxxxxxxxxxx>  
>> MIME-Version: 1.0  
>> Content-Type: text/plain;  
>> charset="Utf-8"  
>> Content-Transfer-Encoding: 7bit  
>> X-Newsreader: Microsoft CDO for Windows 2000  
>> Content-Class: urn:content-classes:message  
>> Importance: normal  
>> Priority: normal  
>> X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.0  
>> Newsgroups: microsoft.public.windows.server.sbs  
>> NNTP-Posting-Host: TK2MSFTNGXA03.phx.gbl 10.40.2.250  
>> Path: TK2MSFTNGXA02.phx.gbl!TK2MSFTNGXA03.phx.gbl  
>> Xref: TK2MSFTNGXA02.phx.gbl  
microsoft.public.windows.server.sbs:212267  
>> X-Tomcat-NG: microsoft.public.windows.server.sbs  
>>  
>> To clarify the situation, I have diagramed the information  
previously  
>> provided and supplied answers to your questions:  
>>  
>> Prior to May, the network was as below and the W2K server was an  
> active  
>> DC  
>> member on the SBS domain.  
>> 192.168.1.x for SBS LAN  
>> 192.168.2.x for Win2KS LAN  
>> The network diagram was as follows:  
>> LAN-- \_\_\_\_\_ -- LAN  
>> |--|router|====VPN====|router|--|  
>> SBS-- \_\_\_\_\_ (Internet) ----- ---Windows 2000  
Server  
>>  
>> During May, the SBS server was upgraded to Premium running ISA  
2000  
> and  
>> installed with 2 NICs for inside and outside networks with  
following  
>> networks, and the W2K server remote LAN was no longer able to  
tunnel  
> into  
>> and  
>> participate with SBS domain. The W2K server was still a member,  
only  
>> unable

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|> |> | to replicate AD and stuff. All clients on LAN have been using SBS  
|> client  
|> |> VPN  
|> |> | into SBS external NIC to participate in both LANs.  
|> |> | 192.168.1.x for SBS external  
|> |> | 10.0.3.x for SBS internal  
|> |> | 192.168.2.x for Win2KS LAN  
|> |> | The network diagram is currently as follows:  
|> |> | \_\_\_\_\_  
|> |> | LAN--SBS--===== VPN===== LAN clients  
|

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• **Follow-Ups:**

- ◆ **RE: How to reinstate DC on network with same server name and ID bu**  
◇ From: makeel

• **References:**

- ◆ **RE: How to reinstate DC on network with same server name and ID but di**  
◇ From: "Charles Yang [MSFT]"
- ◆ **RE: How to reinstate DC on network with same server name and ID bu**  
◇ From: "Charles Yang [MSFT]"
- ◆ **RE: How to reinstate DC on network with same server name and ID bu**  
◇ From: "Charles Yang [MSFT]"

• Prev by Date: **RE: Backup Failing**

• Next by Date: **Re: Users Logging off -- Synchronization**

• Previous by thread: **RE: How to reinstate DC on network with same server name and ID bu**

• Next by thread: **RE: How to reinstate DC on network with same server name and ID bu**

• Index(es):

- ◆ **Date**
- ◆ **Thread**