

Re: BDC DCDIAG Problem

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-11/msg03177.html>

- *From:* Paul <Paul@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sat, 18 Nov 2006 17:35:01 -0800
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Sorry for delay--had to run out of town.

This DC has one NIC and it has multiple IPs because I have a hardware firewall, 5 external IPs, and 5 websites; 4 websites are on this BDC and 1 website is on the PDC. These websites are light usage, some for employees and the others are lightly loaded. The firewall converts the external IPs to the internal IPs, thus the reason for the different IPs.

"second AD SITE with the same subnet as the first site? Why?"

I just set up DNS as a backup DNS server according to the MS procedure I located on MS site. I assumed that it was correct, and for most part appears to be. But I do not understand your question maybe, if this is a "Backup DNS server" shouldn't it be a second AD SITE with the same subnet as the first? It appears correct to me, but then again, this is not my forte.

I have gone through a number of tests, as directed by Robert L, and everything seems fine. I am still checking here and there but yet not finding what may be the cause yet. I suppose that the additional IPs could be an issue and I will try removing them temporarily to see if that clears the problems up.

I will post results tomorrow.

Thanks

Paul

"kj" wrote:

Hmm. I'm a little confused here.

The BDC "main" ip address is

Does this DC have more than one NIC?, If so why, and if not, why the additional IP's bound to one NIC?

made BDC a
secondary DNS server

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You configured the DC as a DNS "Secondary" (Read Only zone)? If so, you should undo this. Just have DNS installed, no need to create "anything" at this point. Configure this server to use the other DC for DNS until replication is completed.

Testing server: Default-First-Site-Name\2ndryDNSserver

You have a second AD SITE with the same subnet as the first site? Why?

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/kj

"Paul" <Paul@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:92FAEE8F-18C6-47C1-9F2D-67A835431D86@xxxxxxxxxxxxxxxxxxxx

I am setting up a BDC in an SBS2003 network and have run dcpromo, made BDC

a secondary DNS server, and have made the BDC a GC. After restart I noticed a

warning in the File Replication Service event log.

Source: NtFrs Event ID: 13508

The File Replication Service is having trouble enabling replication from PDC to BDC for c:\windows\sysvol\domain using the DNS name PDCservername.domainname.local ...

Network appears to be running fine, no blazing errors to speak of, but something needs tweaking here. Unfortunately I am not well versed in this area and need assistance in resolution. I have attached IPConfig /all and DCdiag.exe results below.

Any assistance is appreciated greatly.
Paul

IPConfig /all yields the following (Note that I have some IPs setup for websites on this server, Main IP for the BDC is 192.168.16.4, PDC is 192.168.16.2, Firewall is 192.168.16.1; 1 NIC in PDC):

Windows IP Configuration

Host Name : BDC
Primary Dns Suffix : domainname.local
Node Type : Unknown
IP Routing Enabled. : Yes
WINS Proxy Enabled. : Yes
DNS Suffix Search List. : domainname.local

Ethernet adapter Local Area Connection:

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Connection-specific DNS Suffix . :
Description : Intel(R) PRO/1000 CT Network
Connection
Physical Address. : 00-12-50-60-FD-45
DHCP Enabled. : No
IP Address. : 192.168.16.8
Subnet Mask : 255.255.255.0
IP Address. : 192.168.16.7
Subnet Mask : 255.255.255.0
IP Address. : 192.168.16.6
Subnet Mask : 255.255.255.0
IP Address. : 192.168.16.5
Subnet Mask : 255.255.255.0
IP Address. : 192.168.16.4
Subnet Mask : 255.255.255.0
Default Gateway : 192.168.16.1
DNS Servers : 192.168.16.2
Primary WINS Server : 192.168.16.2

DCDiag.exe yields the following:
Domain Controller Diagnosis

Performing initial setup:
[2ndryDNSserver] Directory Binding Error -2146892976:
The system detected a possible attempt to compromise security. Please
ensure
that you can contact the server that authenticated you.
This may limit some of the tests that can be performed.
Done gathering initial info.

Doing initial required tests

Testing server: Default-First-Site-Name\2ndryDNSserver
Starting test: Connectivity
The host
41df6d50-a4cf-4e8f-be9c-233c1d23dafa._msdcs.domainname.local
I could not be resolved to an
IP address. Check the DNS server, DHCP, server name, etc
Although the Guid DNS name
(41df6d50-a4cf-4e8f-be9c-233c1d23dafa._msdcs.domainname.local)
couldn't be resolved, the server name
(2ndryDNSserver.domainname.local)
resolved to the IP address (192.168.16.4) and was pingable. Check
that the IP address is registered correctly with the DNS server.
..... 2ndryDNSserver failed test Connectivity

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Doing primary tests

Testing server: Default-First-Site-Name\2ndryDNSserver
Skipping all tests, because server 2ndryDNSserver is
not responding to directory service requests

Running partition tests on : ForestDnsZones
Starting test: CrossRefValidation
..... ForestDnsZones passed test
CrossRefValidation

Starting test: CheckSDRefDom
..... ForestDnsZones passed test CheckSDRefDom

Running partition tests on : DomainDnsZones
Starting test: CrossRefValidation
..... DomainDnsZones passed test
CrossRefValidation

Starting test: CheckSDRefDom
..... DomainDnsZones passed test CheckSDRefDom

Running partition tests on : Schema
Starting test: CrossRefValidation
..... Schema passed test CrossRefValidation
Starting test: CheckSDRefDom
..... Schema passed test CheckSDRefDom

Running partition tests on : Configuration
Starting test: CrossRefValidation
..... Configuration passed test
CrossRefValidation
Starting test: CheckSDRefDom
..... Configuration passed test CheckSDRefDom

Running partition tests on : domainname
Starting test: CrossRefValidation
..... domainname passed test
CrossRefValidation
Starting test: CheckSDRefDom
..... domainname passed test CheckSDRefDom

Running enterprise tests on : domainname.local
Starting test: Intersite
..... domainname.local passed test Intersite
Starting test: FsmoCheck
[2ndryDNSserver] DsBindWithSpnEx() failed with error 1722,
The RPC server is unavailable..
..... domainname.local passed test FsmoCheck

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