

# Re: Active directory replication problems

---

*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-08/msg04607.html>

---

- *From:* "J" <jk\_50@xxxxxxxxxxxx>
  - *Date:* Wed, 23 Aug 2006 13:39:35 -0600
- 

Thanks for all your help.

J

"kj" <kj@xxxxxxxxxxxx> wrote in message  
<news:%233DbfZuxGHA.4972@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

In my opinion that would make the problem worse. This still could be resolved with some DNS "tricks", but I wouldn't try it on production without a thorough understanding of the situation.

The most I would do is reconfigure DNS on the SBS2003 server, if this is NOT a production environment then there are some other things you might try.

If you don't choose to involve MS Support, perhaps others can lend some additional advice, as I'm off to one of my remote clients. Best of luck.

--

/kj

"J" <jk\_50@xxxxxxxxxxxx> wrote in message  
<news:%23n5TX8txGHA.3464@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

I've had replication succeed in the past. Do you think I could do a dcpromo /forceremoval on the SBS box and reinstall into the same domain where user accounts are already configured?

J

"kj" <kj@xxxxxxxxxxxx> wrote in message  
<news:uwNzP5txGHA.3440@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Server2

Error1

Re: Active directory replication problems

The DNS server has encountered a critical error from the Active Directory. Check that the Active Directory is functioning properly. The extended error debug information (which may be empty) is "". The event data contains the error

Yikes. Since Server2 is the SBS2003 server and FSMO role holder, you've got an "involved" situation on your hands. If the rest of AD is intact, it can be resolved but requires more "hands on" than you could probably ask a newgroup to provide. If a complete replication of all AD partitions has not previously completed you could ruin any chance of recovery (save for backups, you have those right?) by continuing.

Is this a production SBS environment with active users and email? If so, a MS Support call would be my recommendation.

---

/kj

"J" <jk\_50@xxxxxxxxxxxx> wrote in message  
[news:uFi4ZttxGHA.4112@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:uFi4ZttxGHA.4112@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Server1

Error1

DNS Server has updated its own host (A) records. In order to insure that its DS-integrated peer DNS servers are able to replicate with this server, an attempt was made to update them with the new records through dynamic update. An error was encountered during this update, the record data is the error code.

If this DNS server does not have any DS-integrated peers, then this error should be ignored.

If this DNS server's ActiveDirectory

## Re: Active directory replication problems

replication partners do not have the correct IP address(es) for this server, they will be unable to replicate with it.

To insure proper replication:

- 1) Find this server's ActiveDirectory replication partners that run the DNS server.
- 2) Open DnsManager and connect in turn to each of the replication partners.
- 3) On each server, check the host (A record) registration for THIS server.
- 4) Delete any A records that do NOT correspond to IP addresses of this server.
- 5) If there are no A records for this server, add at least one A record corresponding to an address on this server, that the replication partner can contact. (In other words, if there multiple IP addresses for this DNS server, add at least one that is on the same network as the ActiveDirectory DNS server you are updating.)
- 6) Note, that is not necessary to update EVERY replication partner. It is only necessary that the records are fixed up on enough replication partners so that every server that replicates with this server will receive (through replication) the new data.

### Error2

DNS Server has updated its own host (A) records. In order to insure that its DS-integrated peer DNS servers are able to replicate with this server, an attempt was made to update them with the new records through dynamic update. An error was encountered during this update, the record data is the error code.

## Re: Active directory replication problems

If this DNS server does not have any DS-integrated peers, then this error should be ignored.

If this DNS server's ActiveDirectory replication partners do not have the correct IP address(es) for this server, they will be unable to replicate with it.

To insure proper replication:

- 1) Find this server's ActiveDirectory replication partners that run the DNS server.
- 2) Open DnsManager and connect in turn to each of the replication partners.
- 3) On each server, check the host (A record) registration for THIS server.
- 4) Delete any A records that do NOT correspond to IP addresses of this server.
- 5) If there are no A records for this server, add at least one A record corresponding to an address on this server, that the replication partner can contact. (In other words, if there multiple IP addresses for this DNS server, add at least one that is on the same network as the ActiveDirectory DNS server you are updating.)
- 6) Note, that is not necessary to update EVERY replication partner. It is only necessary that the records are fixed up on enough replication partners so that every server that replicates with this server will receive (through replication) the new data.

Error3

DNS Server has updated its own host (A) records. In order to insure that its DS-integrated peer DNS servers are able to replicate with this

## Re: Active directory replication problems

server, an attempt was made to update them with the new records through dynamic update. An error was encountered during this update, the record data is the error code.

If this DNS server does not have any DS-integrated peers, then this error should be ignored.

If this DNS server's ActiveDirectory replication partners do not have the correct IP address(es) for this server, they will be unable to replicate with it.

To insure proper replication:

- 1) Find this server's ActiveDirectory replication partners that run the DNS server.
- 2) Open DnsManager and connect in turn to each of the replication partners.
- 3) On each server, check the host (A record) registration for THIS server.
- 4) Delete any A records that do NOT correspond to IP addresses of this server.
- 5) If there are no A records for this server, add at least one A record corresponding to an address on this server, that the replication partner can contact. (In other words, if there multiple IP addresses for this DNS server, add at least one that is on the same network as the ActiveDirectory DNS server you are updating.)
- 6) Note, that is not necessary to update EVERY replication partner. It is only necessary that the records are fixed up on enough replication partners so that every server that replicates with this server will receive (through replication) the new data.

## Re: Active directory replication problems

Server2

Error1

The DNS server has encountered a critical error from the Active Directory. Check that the Active Directory is functioning properly. The extended error debug information (which may be empty) is "". The event data contains the error.

Error2

The DNS server was unable to complete directory service enumeration of zone .. This DNS server is configured to use information obtained from Active Directory for this zone and is unable to load the zone without it. Check that the Active Directory is functioning properly and repeat enumeration of the zone. The extended error debug information (which may be empty) is "". The event data contains the error.

Error3

The DNS server was unable to complete directory service enumeration of zone 12.168.192.in-addr.arpa. This DNS server is configured to use information obtained from Active Directory for this zone and is unable to load the zone without it. Check that the Active Directory is functioning properly and repeat enumeration of the zone. The extended error debug information (which may be empty) is "". The event data contains the error.

Re: Active directory replication problems

The DNS server was unable to complete directory service enumeration of zone domain.com. This DNS server is configured to use information obtained from Active Directory for this zone and is unable to load the zone without it. Check that the Active Directory is functioning properly and repeat enumeration of the zone. The extended error debug information (which may be empty) is "". The event data contains the error.

"kj" <kj@xxxxxxxxxxxx> wrote in message  
[news:uqdO4ftxGHA.3456@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:uqdO4ftxGHA.3456@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

restart both servers, any  
order, then type;

nslookup

server1.domain.com  
server2.domain.com

Do this from each server.  
Both should respond with  
correct IP values  
for each server.

Next open the event viewer  
on each DC and examine  
entries in the DNS  
Server and Directory  
Services.

Post the first three "errors"  
(red x) from each log from  
each server  
after the latest restart.

--

/kj

"J" <jk\_50@xxxxxxxxxxxx>

wrote in message

[news:ehn%23xYtxGHA.4660@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:ehn%23xYtxGHA.4660@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Re: Active directory replication problems

I posted the netdiag in the following post. I misunderstood regarding the DNS config. I changed those to the correct settings. Do you want the netdiag log again?

"kj"  
<kj@xxxxxxxxxxx>  
wrote in message  
[news:eWar%23TtxGHA.2168@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:eWar%23TtxGHA.2168@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

What was the exact netdiag error on the SBS server?

Host Name.  
.  
.  
.  
.  
.  
.  
.  
:  
SERVER1  
IP Address  
.



Re: Active directory replication problems

--

/kj

"J"

<jk\_50@xxxxxxxxxxxx>

wrote

in

message

[news:eYhjKKtxGHA.4960@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:eYhjKKtxGHA.4960@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

The  
two  
dc's  
are  
on  
the  
same  
network.

I  
cleaned  
up  
SERVER3  
and  
SERVER4

I  
get  
an  
error  
running  
netdiag  
on  
the  
2003  
SBS  
box:

So  
on  
the  
2k  
box...

Computer  
Name:  
SERVER1  
DNS  
Host  
Name:  
SERVER1.domain.com

Re: Active directory replication problems

System  
info  
:  
Windows  
2000  
Server  
(Build  
2195)  
Processor  
:  
x86  
Family  
15  
Model  
2  
Stepping  
9,  
GenuineIntel  
List  
of  
installed  
hotfixes  
:  
KB329115  
KB822343  
KB823182  
KB823559  
KB824105  
KB825119  
KB826232  
KB828035  
KB828749  
KB832353  
KB832359  
KB841356  
KB842773  
KB885836  
KB890046  
KB893756  
KB893803v2  
KB896358  
KB896422  
KB896423  
KB896424  
KB899587  
KB899589  
KB899591  
KB900725  
KB901017  
KB901214  
KB904706

Re: Active directory replication problems

KB905414  
KB905495-IE6SP1-20050805.184113  
KB905749  
KB908519  
KB908523  
KB908531  
KB911280  
KB911564  
KB911567-OE6SP1-20060316.165634  
KB912812-IE6SP1-20060322.182418  
KB912919  
KB913580  
KB914388  
KB914389  
KB916281-IE6SP1-20060526.162249  
KB917008  
KB917159  
KB917422  
KB917537  
KB917736  
KB917953  
KB918899-IE6SP1-20060725.123917  
KB920670  
KB920683  
KB920958  
KB921398  
KB921883  
KB922616  
Q147222  
Q828026  
Update  
Rollup  
1

Netcard  
queries  
test  
.  
.  
.  
.  
.  
.  
.  
:  
Passed

Per

Re: Active directory replication problems

interface  
results:

Adapter  
:  
Local  
Area  
Connection

Netcard  
queries  
test

.  
.  
.  
:  
Passed

Host  
Name.

.  
.  
.  
.  
.  
.  
.  
:  
SERVER1  
IP  
Address

.  
.  
.  
.  
.  
.  
:  
192.168.12.3  
Subnet  
Mask.

.  
.  
.  
.  
.  
.

Re: Active directory replication problems

:  
255.255.255.0  
Default  
Gateway.

.  
. .  
. .  
. .  
:

192.168.12.1  
Dns  
Servers.

.  
. .  
. .  
. .  
:

192.168.12.201

AutoConfiguration  
results.

.  
. .  
. .  
:

Passed

Default  
gateway  
test

.  
. .  
:

Passed

NetBT  
name  
test.

.  
. .  
:

Re: Active directory replication problems

:  
Passed

WINS  
service  
test.

.  
. .  
. .  
:

Skipped  
There  
are  
no  
WINS  
servers  
configured  
for  
this  
interface.

Global  
results:

Domain  
membership  
test

.  
. .  
. .  
. .  
:

Passed

NetBT  
transports  
test.

.  
. .  
. .  
. .  
:

Passed

Re: Active directory replication problems

List  
of  
NetBt  
transports  
currently  
configured:  
NetBT\_Tcpip\_{E62BF97D-220C-42B8-B4E8-7C  
1  
NetBt  
transport  
currently  
configured.

Autonet  
address  
test  
.  
.  
.  
.  
.  
.  
.  
:  
Passed

IP  
loopback  
ping  
test.  
.  
.  
.  
.  
.  
:  
Passed

Default  
gateway  
test  
.  
.  
.  
.  
.

Re: Active directory replication problems

.  
:  
Passed

NetBT  
name  
test.

.  
. .  
. .  
. .  
. .  
. .  
. .  
. .  
:  
Passed

Winsock  
test

.  
. .  
. .  
. .  
. .  
. .  
. .  
. .  
. .  
:  
Passed

DNS  
test

.  
. .  
. .  
. .  
. .  
. .  
. .  
. .  
. .  
. .  
. .

Re: Active directory replication problems

.  
:  
:  
Passed  
PASS  
-  
All  
the  
DNS  
entries  
for  
DC  
are  
registered  
on  
DNS  
server  
'192.168.12.201'  
and  
other  
DCs  
also  
have  
some  
of  
the  
names  
registered.

Redir  
and  
Browser  
test

.  
.  
.  
.  
.  
:  
Passed  
List  
of  
NetBt  
transports  
currently  
bound  
to  
the  
Redir

Re: Active directory replication problems

NetBT\_Tcpip\_{E62BF97D-220C-42B8-B4E8-7C...  
The  
redir  
is  
bound  
to  
1  
NetBt  
transport.

List  
of  
NetBt  
transports  
currently  
bound  
to  
the  
browser  
NetBT\_Tcpip\_{E62BF97D-220C-42B8-B4E8-7C...  
The  
browser  
is  
bound  
to  
1  
NetBt  
transport.

DC  
discovery  
test.

.  
. .  
. .  
. .  
. .  
. .  
. .  
. .  
. .  
. .  
:  
Passed

DC  
list  
test

.  
. .  
. .



Re: Active directory replication problems

.  
. .  
. .  
. .  
. .  
. .  
. .  
. .  
. .  
. .  
. .  
:  
Passed  
[WARNING]  
Failed  
to  
query  
SPN  
registration  
on  
DC  
'SERVER2.domain.com'.

Bindings  
test.

.  
. .  
. .  
. .  
. .  
. .  
. .  
. .  
. .  
:  
Passed

WAN  
configuration  
test

.  
. .  
. .  
. .  
. .  
:  
Skipped

Re: Active directory replication problems

No  
active  
remote  
access  
connections.

Modem  
diagnostics  
test

.  
.  
.  
.  
.  
.  
:

Passed

IP  
Security  
test

.  
.  
.  
.  
.  
.  
.  
.  
.  
:

Passed

IPSec  
policy  
service  
is  
active,  
but  
no  
policy  
is  
assigned.

The  
command  
completed  
successfully



Re: Active directory replication problems

and  
server2.txt  
files

--

/kj

"j"

<jk\_50@xxxxxxxxxxxx>

wrote

in

message

[news:OC5gw3sxGHA.5068@xxxxxxxxxxxx](mailto:news:OC5gw3sxGHA.5068@xxxxxxxxxxxx)

I've  
done  
everythingf  
in  
the  
list.

Regarding  
#1

I  
put  
the  
server2  
on  
the  
same  
network  
as  
server1.

I  
don't  
believe  
I  
seized  
any  
of  
the  
FSMO  
roles  
to

"kj"

<kj@xxxxxxxxxxxx>

wrote

in

message

[news:OJvPTfsxGHA.4972@xxxxxxxx](mailto:news:OJvPTfsxGHA.4972@xxxxxxxx)

Re: Active directory replication problems

OK,  
well  
a  
couple  
of  
things;

1)  
Both  
sides  
of  
the  
VPN  
are  
the  
same  
subnet?  
(192.168.12.x)  
What  
is  
creating  
and  
maintaining  
your  
VPN,  
separate  
routers  
perhaps?  
You  
sites  
should  
have  
different  
subnets  
to  
facilitate  
routing  
and  
AD  
Site  
configuration  
and  
Intersite  
replication.

2)  
Your  
Active  
Directory  
still  
has

Re: Active directory replication problems

two  
(apparently  
orphaned)  
Domain  
Controllers  
(server3,  
server4)  
that  
must  
be  
manually  
cleaned  
up.  
See  
MS  
KB#216498  
(<http://support.microsoft.com>  
)  
,  
but  
frankly

this

is  
a  
risky  
process  
unless  
you've  
done  
this  
before  
or  
really  
know  
what

you're

doing.  
You  
might  
want  
to  
consider  
a  
Microsoft  
Support  
call  
for

Re: Active directory replication problems

help  
on

this

or  
try  
locating  
a  
qualified  
local  
resource.

3)  
Configure  
each  
DC's  
DNS  
settings  
for;  
DNS#1  
(IP  
of  
Self)  
DNS#2  
(IP  
of  
the  
Other  
DC)  
...then  
restart  
the  
server(s).

4)  
Is  
Server  
2  
the  
SBS2003  
Server?  
Have  
you  
SEIZED  
any  
of  
the  
FSMO  
roles



Re: Active directory replication problems

.  
:  
domain.com  
Node  
Type  
. . . . .  
:  
Hybrid  
IP  
Routing  
Enabled.  
. . . . .  
:  
No  
WINS  
Proxy  
Enabled.  
. . . . .  
:  
No  
DNS  
Suffix  
Search  
List.  
. . . . .











Re: Active directory replication problems

.  
. :  
No  
IP  
Address.  
. :  
192.168.12.201  
Subnet  
Mask  
. :  
255.255.255.0  
Default  
Gateway  
. :  
192.168.12.1  
DNS  
Servers  
.



Re: Active directory replication problems

on  
server  
SERVER1.

\*  
Collecting  
site  
info.

\*  
Identifying  
all  
servers.

\*  
Found  
4  
DC(s).  
Testing  
4  
of  
them.

Done  
gathering  
initial  
info.

Doing  
initial  
required  
tests

Testing  
server:  
Default-First-Site-1

Starting  
test:  
Connectivity

\*  
Active  
Directory  
LDAP  
Services  
Check

[SERVER2]  
LDAP  
bind

Re: Active directory replication problems

failed  
with  
error  
31,

A  
device  
attached  
to  
the  
system  
is  
not  
functioning..

.....  
SERVER2  
failed  
test  
Connectivity

Testing  
server:  
Default-First-Site-1

Starting  
test:  
Connectivity

\*  
Active  
Directory  
LDAP  
Services  
Check

926b7371-0e07-4df  
server  
GUID  
DNS

name  
could  
not  
be  
resolved  
to  
an

IP  
address.

Re: Active directory replication problems

Check  
the  
DNS  
server,  
DHCP,  
server  
name,  
etc

.....  
SERVER3  
failed  
test  
Connectivity

Testing  
server:  
Default-First-Site-1

Starting  
test:  
Connectivity

\*  
Active  
Directory  
LDAP  
Services  
Check

cd82ea43-93ed-41a  
server  
GUID  
DNS

name  
could  
not  
be  
resolved  
to  
an

IP  
address.  
Check  
the  
DNS  
server,  
DHCP,  
server

Re: Active directory replication problems

name,  
etc

.....

SERVER4  
failed  
test  
Connectivity

Testing  
server:  
Default-First-Site-1

Starting  
test:  
Connectivity

\*  
Active  
Directory  
LDAP  
Services  
Check

\*  
Active  
Directory  
RPC  
Services  
Check

.....

SERVER1  
passed  
test  
Connectivity

Doing  
primary  
tests

Testing  
server:  
Default-First-Site-1

Skipping  
all  
tests,  
because  
server  
SERVER2

is

not  
responding  
to  
directory  
service  
requests

Test  
omitted  
by  
user  
request:  
Topology

Test  
omitted  
by  
user  
request:  
CutoffServers

Test  
omitted  
by  
user  
request:  
OutboundSecureCha

Testing  
server:  
Default-First-Site-1

Skipping  
all  
tests,  
because  
server  
SERVER3  
is

not  
responding  
to  
directory  
service  
requests

Test  
omitted

by  
user  
request:  
Topology

Test  
omitted  
by  
user  
request:  
CutoffServers

Test  
omitted  
by  
user  
request:  
OutboundSecureCha

Testing  
server:  
Default-First-Site-I

Skipping  
all  
tests,  
because  
server  
SERVER4  
is

not  
responding  
to  
directory  
service  
requests

Test  
omitted  
by  
user  
request:  
Topology

Test  
omitted  
by  
user  
request:  
CutoffServers

Re: Active directory replication problems

Test  
omitted  
by  
user  
request:  
OutboundSecureCha

Testing  
server:  
Default-First-Site-1

Starting  
test:  
Replications

\*  
Replications  
Check

.....  
SERVER1  
passed  
test  
Replications

Test  
omitted  
by  
user  
request:  
Topology

Test  
omitted  
by  
user  
request:  
CutoffServers

Starting  
test:  
NCSecDesc

\*  
Security  
Permissions  
Check  
for

CN=Schema,CN=C

\*  
Security  
Permissions  
Check  
for  
  
CN=Configuration,DC=

\*  
Security  
Permissions  
Check  
for  
  
DC=domain,DC=cor

.....  
SERVER1  
passed  
test  
NCSecDesc

Starting  
test:  
NetLogons

\*  
Network  
Logons  
Privileges  
Check

.....  
SERVER1  
passed  
test  
NetLogons

Starting  
test:  
Advertising

The  
DC  
SERVER1  
is  
advertising  
itself  
as  
a

Re: Active directory replication problems

DC  
and  
having  
a  
DS.

The  
DC  
SERVER1  
is  
advertising  
as  
an  
LDAP  
server

The  
DC  
SERVER1  
is  
advertising  
as  
having  
a  
writeable  
directory

The  
DC  
SERVER1  
is  
advertising  
as  
a  
Key  
Distribution  
Center

The  
DC  
SERVER1  
is  
advertising  
as  
a  
time  
server

The  
DS  
SERVER1

Re: Active directory replication problems

is  
advertising  
as  
a  
GC.

.....  
SERVER1  
passed  
test  
Advertising

Starting  
test:  
KnowsOfRoleHolder

Role  
Schema  
Owner  
=  
CN=NTDS  
Settings,CN=SERVER

first-Site-Name,CN=

[SERVER2]  
DsBind()  
failed  
with  
error  
-2146893022,

The  
target  
principal  
name  
is  
incorrect..

Warning:  
SERVER2  
is  
the  
Schema  
Owner,  
but  
is  
not  
responding  
to  
DS

Re: Active directory replication problems

RPC  
B

ind.

Warning:  
SERVER2  
is  
the  
Schema  
Owner,  
but  
is  
not  
responding  
to  
LDAP  
Bin

d.

Role  
Domain  
Owner  
=  
CN=NTDS  
Settings,CN=SERV

irst-Site-Name,CN=

Warning:  
SERVER2  
is  
the  
Domain  
Owner,  
but  
is  
not  
responding  
to  
DS  
RPC  
B

ind.

Warning:  
SERVER2  
is  
the

Re: Active directory replication problems

Domain  
Owner,  
but  
is  
not  
responding  
to  
LDAP  
Bin

d.

Role  
PDC  
Owner  
=  
CN=NTDS  
Settings,CN=SERVER

t-Site-Name,CN=Site

Warning:  
SERVER2  
is  
the  
PDC  
Owner,  
but  
is  
not  
responding  
to  
DS  
RPC  
Bind

.

Warning:  
SERVER2  
is  
the  
PDC  
Owner,  
but  
is  
not  
responding  
to  
LDAP  
Bind.

Re: Active directory replication problems

Role  
Rid  
Owner  
=  
CN=NTDS  
Settings,CN=SERVERS,  
CN=Default-First-Subnet-  
t-Site-Name,CN=Site-  
Objects,CN=Configuration,  
CN=2147927839

Warning:  
SERVER2  
is  
the  
Rid  
Owner,  
but  
is  
not  
responding  
to  
DS  
RPC  
Bind

Warning:  
SERVER2  
is  
the  
Rid  
Owner,  
but  
is  
not  
responding  
to  
LDAP  
Bind.

Role  
Infrastructure  
Update  
Owner  
=  
CN=NTDS  
Settings,CN=SERVERS,  
CN=Default-First-Subnet-  
t-Site-Name,CN=Site-  
Objects,CN=Configuration,  
CN=2147927839

Warning:  
SERVER2  
is  
the  
Infrastructure  
Update  
Owner,  
but  
is  
not  
respond

ing  
to  
DS  
RPC  
Bind.

Warning:  
SERVER2  
is  
the  
Infrastructure  
Update  
Owner,  
but  
is  
not  
respond

ing  
to  
LDAP  
Bind.

.....  
SERVER1  
failed  
test  
KnowsOfRoleHolder

Starting  
test:  
RidManager

\*  
Available  
RID  
Pool  
for  
the

Re: Active directory replication problems

Domain  
is  
3109  
to  
1073741823

\*  
SERVER2.domain.c  
is  
the  
RID  
Master

[SERVER1]  
DsBindWithCred()  
failed  
with  
error  
-2146893022.  
The  
target  
pr

incipal  
name  
is  
incorrect.

.....  
SERVER1  
failed  
test  
RidManager

Starting  
test:  
MachineAccount

\*  
SPN  
found  
:LDAP/SERVER1.d

\*  
SPN  
found  
:LDAP/SERVER1.d

\*  
SPN  
found

Re: Active directory replication problems

:LDAP/SERVER1

\*

SPN

found

:LDAP/SERVER1.d

\*

SPN

found

:LDAP/d8055eba-fe

\*

SPN

found

:E3514235-4B06-1

14-38f977a2022e/d

\*

SPN

found

:HOST/SERVER1.d

\*

SPN

found

:HOST/SERVER1.d

\*

SPN

found

:HOST/SERVER1

\*

SPN

found

:HOST/SERVER1.d

\*

SPN

found

:GC/SERVER1.dom

.....

SERVER1

passed

test

MachineAccount

Starting

Re: Active directory replication problems

test:  
Services

\*

Checking  
Service:  
Dnscache

\*

Checking  
Service:  
NtFrs

\*

Checking  
Service:  
IsmServ

\*

Checking  
Service:  
kdc

\*

Checking  
Service:  
SamSs

\*

Checking  
Service:  
LanmanServer

\*

Checking  
Service:  
LanmanWorkstation

\*

Checking  
Service:  
RpcSs

\*

Checking  
Service:  
RPCLOCATOR

\*

Checking  
Service:

Re: Active directory replication problems

w32time

\*

Checking  
Service:  
TrkWks

\*

Checking  
Service:  
TrkSvr

\*

Checking  
Service:  
NETLOGON

\*

Checking  
Service:  
Dnscache

\*

Checking  
Service:  
NtFrs

.....

SERVER1  
passed  
test  
Services

Test  
omitted  
by  
user  
request:  
OutboundSecureCha

Starting  
test:  
ObjectsReplicated

SERVER1  
is  
in  
domain  
DC=domain,DC=con

Checking

Re: Active directory replication problems

for  
CN=SERVER1,OU=  
Controllers,DC=dom  
in  
domain

DC=domain,DC=con  
on  
1  
servers

Object  
is  
up-to-date  
on  
all  
servers.

Checking  
for  
CN=NTDS  
Settings,CN=SERVE

te-Name,CN=Sites,  
in  
domain  
CN=Configuration,D

domain,DC=com  
on  
1  
servers

Object  
is  
up-to-date  
on  
all  
servers.

.....  
SERVER1  
passed  
test  
ObjectsReplicated

Starting  
test:  
frssysvol

\*

Re: Active directory replication problems

The  
File  
Replication  
Service  
Event  
log  
test

The  
SYSVOL  
has  
been  
shared,  
and  
the  
AD  
is  
no  
longer

prevented  
from  
starting  
by  
the  
File  
Replication  
Service.

There  
are  
errors  
after  
the  
SYSVOL  
has  
been  
shared.

The  
SYSVOL  
can  
prevent  
the  
AD  
from  
starting.

An  
Warning  
Event

Re: Active directory replication problems

occured.  
EventID:  
0x800034C4

Time  
Generated:  
08/21/2006  
17:43:22

Event  
String:  
The  
File  
Replication  
Service  
is  
having  
trouble

enabling  
replication  
from  
SERVER2  
to  
SERVER1  
for

c:\winnt1\sysvol\dom  
using  
the  
DNS  
name

SERVER2.domain.c  
FRS  
will  
keep  
retrying.

Following  
are  
some  
of  
the  
reasons  
you  
would  
see

this  
warning.

Re: Active directory replication problems

[1]  
FRS  
can  
not  
correctly  
resolve  
the  
DNS  
name

SERVER2.domain.c  
from  
this  
computer.

[2]  
FRS  
is  
not  
running  
on  
SERVER2.domain.c

[3]  
The  
topology  
information  
in  
the  
Active

Directory  
for  
this  
replica  
has  
not  
yet  
replicated

to  
all  
the  
Domain  
Controllers.

This  
event  
log  
message

Re: Active directory replication problems

will  
appear  
once  
per

connection,  
After  
the  
problem  
is  
fixed  
you  
will

see  
another  
event  
log  
message  
indicating  
that  
the

connection  
has  
been  
established.

An  
Warning  
Event  
occured.  
EventID:  
0x800034C4

Time  
Generated:  
08/21/2006  
17:47:14

Event  
String:  
The  
File  
Replication  
Service  
is  
having  
trouble

enabling

Re: Active directory replication problems

replication  
from  
SERVER3  
to  
SERVER1  
for

c:\winnt1\sysvol\dom  
using  
the  
DNS  
name

SERVER3.domain.c  
FRS  
will  
keep  
retrying.

Following  
are  
some  
of  
the  
reasons  
you  
would  
see

this  
warning.

[1]  
FRS  
can  
not  
correctly  
resolve  
the  
DNS  
name

SERVER3.domain.c  
from  
this  
computer.

[2]  
FRS  
is  
not

Re: Active directory replication problems

running  
on  
SERVER3.domain.c

[3]  
The  
topology  
information  
in  
the  
Active

Directory  
for  
this  
replica  
has  
not  
yet  
replicated

to  
all  
the  
Domain  
Controllers.

This  
event  
log  
message  
will  
appear  
once  
per

connection,  
After  
the  
problem  
is  
fixed  
you  
will

see  
another  
event  
log  
message  
indicating

Re: Active directory replication problems

that  
the

connection  
has  
been  
established.

An  
Warning  
Event  
occured.  
EventID:  
0x800034C4

Time  
Generated:  
08/22/2006  
18:29:39

Event  
String:  
The  
File  
Replication  
Service  
is  
having  
trouble

enabling  
replication  
from  
SERVER2  
to  
SERVER1  
for

c:\winnt1\sysvol\dom  
using  
the  
DNS  
name

SERVER2.domain.c  
FRS  
will  
keep  
retrying.

Following

Re: Active directory replication problems

are  
some  
of  
the  
reasons  
you  
would  
see

this  
warning.

[1]  
FRS  
can  
not  
correctly  
resolve  
the  
DNS  
name

SERVER2.domain.c  
from  
this  
computer.

[2]  
FRS  
is  
not  
running  
on  
SERVER2.domain.c

[3]  
The  
topology  
information  
in  
the  
Active

Directory  
for  
this  
replica  
has  
not  
yet  
replicated

to  
all  
the  
Domain  
Controllers.

This  
event  
log  
message  
will  
appear  
once  
per

connection,  
After  
the  
problem  
is  
fixed  
you  
will

see  
another  
event  
log  
message  
indicating  
that  
the

connection  
has  
been  
established.

.....  
SERVER1  
passed  
test  
frssysvol

Starting  
test:  
kcevent

\*  
The

Re: Active directory replication problems

KCC  
Event  
log  
test

An  
Warning  
Event  
occured.  
EventID:  
0x800004F1

Time  
Generated:  
08/23/2006  
08:18:15

(Event  
String  
could  
not  
be  
retrieved)

An  
Warning  
Event  
occured.  
EventID:  
0x800004F1

Time  
Generated:  
08/23/2006  
08:18:15

(Event  
String  
could  
not  
be  
retrieved)

An  
Warning  
Event  
occured.  
EventID:  
0x800004F1

Time

Generated:  
08/23/2006  
08:18:15

(Event  
String  
could  
not  
be  
retrieved)

.....  
SERVER1  
failed  
test  
kcevent

Starting  
test:  
systemlog

\*  
The  
System  
Event  
log  
test

Found  
no  
errors  
in  
System  
Event  
log  
in  
the  
last  
60  
minutes.

.....  
SERVER1  
passed  
test  
systemlog

Running  
enterprise  
tests  
on

:  
domain.com

Starting  
test:  
Intersite

Skipping  
site  
Default-First-Site-1  
this  
site  
is  
outside  
the  
scope

provided  
by  
the  
command  
line  
arguments  
provided.

.....  
domain.com  
passed  
test  
Intersite

Starting  
test:  
FsmoCheck

GC  
Name:  
\\SERVER1.domain.

Locator  
Flags:  
0xe00001fc

PDC  
Name:  
\\SERVER2.domain.

Locator  
Flags:  
0xe00001bd

Re: Active directory replication problems

Time  
Server  
Name:  
\\SERVER1.domain.

Locator  
Flags:  
0xe00001fc

Preferred  
Time  
Server  
Name:  
\\SERVER1.domain.

Locator  
Flags:  
0xe00001fc

KDC  
Name:  
\\SERVER1.domain.

Locator  
Flags:  
0xe00001fc

.....  
domain.com  
passed  
test  
FsmoCheck

dcdiag  
SERVER2

"kj"  
<kj@xxxxxxxxxxx>  
wrote  
in  
message  
<news:%23pWcsvgxG>

OK,  
so  
your  
not  
in  
the  
"tombstone

Re: Active directory replication problems

danger  
zone".  
Apologies  
if  
you've

already

posted  
this,  
but  
please  
describe  
how  
the  
two  
sites  
are  
connected  
to

each

other  
(VPN).  
Also  
post  
the  
results  
of  
each  
of  
the  
following  
run  
from

EACH

DC;

Ipconfig/all

dcdiag

/e

/v

--

/kj

"J"

<jk\_50@xxx

Re: Active directory replication problems

69

Re: Active directory replication problems

wrote  
in  
message  
news:OFgyR

8-22  
was  
the  
last  
succ  
repli

"kj"  
<kj@  
wrote  
in  
mess  
new

Re: Active directory replication problems

long

BDC

to

process?

Re: Active directory replication problems

newsgroup

so

Re: Active directory replication problems

Re: Active directory replication problems

and

it

any

without

more

Re: Active directory replication problems

following

Re: Active directory replication problems

network

Re: Active directory replication problems