

# Re: adprep /forestprep failure

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*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active\\_directory/2007-08/msg00360](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2007-08/msg00360)

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- *From:* Brett Lamberty <[BrettLamberty@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:BrettLamberty@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Wed, 8 Aug 2007 14:44:01 -0700
- 

I ran ntdsutil to seize the schema master role, and then everything worked fine: adprep /forestprep and /domainprep, etc.  
 Thanks.  
 Brett

"Jorge de Almeida Pinto [MVP - DS]" wrote:

just to be sure....

do a metadata cleanup of the DC you removed  
<http://blogs.dirteam.com/blogs/jorge/archive/2005/12/03/213.aspx>

--

Cheers,  
 (HOPEFULLY THIS INFORMATION HELPS YOU!)

# Jorge de Almeida Pinto # MVP Windows Server - Directory Services

BLOG (WEB-BASED)--> <http://blogs.dirteam.com/blogs/jorge/default.aspx>  
 BLOG (RSS-FEEDS)--> <http://blogs.dirteam.com/blogs/jorge/rss.aspx>

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 \* How to ask a question --> <http://support.microsoft.com/?id=555375>  
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- \* This posting is provided "AS IS" with no warranties and confers no rights!
- \* Always test before implementing!

#####  
 #####  
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"Jorge de Almeida Pinto [MVP - DS]"  
 <[SubstituteThisWithMyFullNameSeparatedByDots@xxxxxxxxx](mailto:SubstituteThisWithMyFullNameSeparatedByDots@xxxxxxxxx)> wrote in message  
<news:O0sVjOzIHHA.4880@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

I thought there were more DCs...

you said you had another DC... can you explain what you did with that DC

Re: adprep /forestprep failure

and why. dont forget anything

--

Cheers,  
(HOPEFULLY THIS INFORMATION HELPS YOU!)

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#####  
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-----  
"Brett Lamberty" <BrettLamberty@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote  
in

message

[news:145008D9-D6DA-4943-906F-1D0BDBEDF1DD@xxxxxxxxxxxxxxxxxxxx](mailto:news:145008D9-D6DA-4943-906F-1D0BDBEDF1DD@xxxxxxxxxxxxxxxxxxxx)

If I understand correctly, I don't expect to see anything for replication, because there is currently only one DC in the domain and forest, spserver01. spserver02 was demoted from being a DC, removed from the domain, and disconnected, so there is no other server for spserver01 to replicate to. The win 2003 server is not yet a DC, since I can't run adprep.

"Jorge de Almeida Pinto [MVP – DS]" wrote:

check if replication is correct and to see why two DCs have different understanding. something is wrong with replication

--

Cheers,  
(HOPEFULLY THIS INFORMATION HELPS YOU!)

Re: adprep /forestprep failure

# Jorge de Almeida Pinto # MVP Windows  
Server – Directory Services

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#####

#####

---

"Brett Lamberty"

<BrettLamberty@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in

message

[news:1DD4D118-C434-4A74-A23C-45C7608CC3F0@xxxxxxxxxxxxxxxxxxxx](mailto:news:1DD4D118-C434-4A74-A23C-45C7608CC3F0@xxxxxxxxxxxxxxxxxxxx)

Nothing special that I know  
of. When I run the Active  
Directory  
Schema  
option in mmc on that server  
(spserver01), the Operations  
Master for  
the  
Schema FSMO holder  
shows  
spserver01.season.com.  
When I run the AD  
Domains  
and Trust and look at  
Operations Master for the  
Domain Naming FSMO it  
shows  
the same. Likewise, the  
same server shows up in  
RID, PDC and  
Infrastructure  
roles. So I don't know why  
the KnowsOfRoleHolders  
shows this server  
as

Re: adprep /forestprep failure

the  
Schema Owner, but it is  
marked deleted.

I don't know if it would  
work to reconnect the other  
W2k SP 4 server,  
promote it to be a DC,  
transfer the Schema master  
role to it, and then  
try  
to  
transfer it back to the  
original spserver01 to try to  
reset things.  
Hopefully, there is an easier  
way to clean it up without  
using another  
DC,  
but I'll do it if that is the  
only way.

Brett

"Jorge de Almeida Pinto  
[MVP – DS]" wrote:

have you  
done  
something  
special with  
that  
SPSERVER?  
It looks like  
the  
DC  
with the  
FSMO does  
not exist  
anymore

--

Cheers,  
(HOPEFULLY  
THIS  
INFORMATION  
HELPS  
YOU!)

Re: adprep /forestprep failure

# Jorge de  
Almeida  
Pinto #  
MVP  
Windows  
Server –  
Directory  
Services

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#####  
#####

---

"Brett  
Lamberty"  
<BrettLamberty@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
wrote in  
message  
<news:5ED0E026-F0FA-4584-BE4B-823CC9B93C23@xxxxxxxxxx>

I  
am  
trying  
to  
add  
a

Re: adprep /forestprep failure

Windows  
2003  
Server  
R2  
as  
a  
domain  
controller  
to  
a  
domain  
(season.com)  
with  
a  
Windows  
2000  
Server  
SP  
4  
DC  
(Server  
name  
SPSERVER01).  
I  
have  
successfully  
added  
the  
Win  
2003  
server  
as  
a  
member  
server  
in  
the  
domain,  
but  
when  
I  
try  
running  
adprep  
/forestprep  
from  
Win  
2003  
server  
CD  
2

Re: adprep /forestprep failure

(  
in  
\COMPONENTS\R2\ADPREP)  
on  
the  
Win  
2000  
DC,  
I  
get  
the  
error  
message:

Adprep  
was  
unable  
to  
extend  
the  
schema.  
[Status/Consequence]  
The  
schema  
master  
did  
not  
complete  
a  
replication  
cycle  
after  
the  
last  
reboot.  
The  
schema  
master  
must  
complete  
at  
least  
one  
replication  
cycle  
before  
the  
schema  
can  
be  
extended.

Re: adprep /forestprep failure

Re: adprep /forestprep failure

[User  
Action]  
Verify  
that  
the  
schema  
master  
is  
connected  
to  
the  
network  
and  
can  
communicate  
with  
other  
domain  
controllers.

Use  
the  
Sites  
and  
Services  
snap-in  
to  
replicate  
between  
the  
schema  
operations  
master  
and  
at  
least  
one  
replication  
partner.  
After  
replication  
has  
succeeded,  
run  
adprep  
again.

I  
get  
this  
error  
whether

Re: adprep /forestprep failure

I  
run  
adprep  
from  
CD  
1  
or  
CD  
2.

When  
I  
run  
REPADMIN  
/SHOWREPS  
SPSERVER01  
I  
get  
this  
response:

Default-First-Site-Name\SPSERVER01  
DSA  
Options  
:  
IS\_GC  
objectGuid  
:  
e30467f8-01f0-4585-a313-11c255cfca38  
invocationID:  
880c482f-02b1-4125-8dab-7980ab6d9948

=====  
INBOUND  
NEIGHBORS  
=====

=====  
OUTBOUND  
NEIGHBORS  
FOR  
CHANGE  
NOTIFICATIONS  
=====

When  
I  
run  
DCDIAG  
/V  
/C

Re: adprep /forestprep failure

/D  
/E  
/s:  
SPSERVER01  
>  
c:\dcdiag.log,  
I  
see  
a  
failure  
in  
the  
KnowsOfRoleHolders  
section:

Starting  
test:  
KnowsOfRoleHolders  
Role  
Schema  
Owner  
=  
CN="NTDS  
Settings  
DEL:e0c0e37e-7c24-4de9-958f-872c0539d17d",CN=SPSE  
Warning:  
CN="NTDS  
Settings  
DEL:e0c0e37e-7c24-4de9-958f-872c0539d17d",CN=SPSE  
is  
the  
Schema  
Owner,  
but  
is  
deleted.  
Role  
Domain  
Owner  
=  
CN=NTDS  
Settings,CN=SPSERVER01,CN=Servers,CN=Default-First-  
Role  
PDC  
Owner  
=  
CN=NTDS  
Settings,CN=SPSERVER01,CN=Servers,CN=Default-First-  
Role  
Rid  
Owner

Re: adprep /forestprep failure

=  
CN=NTDS  
Settings,CN=SPSERVER01,CN=Servers,CN=Default-First-  
Role  
Infrastructure  
Update  
Owner  
=  
CN=NTDS  
Settings,CN=SPSERVER01,CN=Servers,CN=Default-First-  
.....  
SPSERVER01  
failed  
test  
KnowsOfRoleHolders

The  
only  
other  
failure  
message  
here  
is  
in  
the  
frssysvol  
section:

Starting  
test:  
frssysvol  
\*

The  
File  
Replication  
Service  
Event  
log  
test  
The  
registry  
lookup  
failed  
to  
determine  
the  
state  
of  
the  
SYSVOL.  
Using

Re: adprep /forestprep failure

the  
systems  
event  
log  
instead.  
Error:  
No  
record  
of  
File  
Replication  
System,  
SYSVOL  
started.  
The  
Active  
Directory  
may  
be  
prevented  
from  
starting.

.....  
SPSERVER01  
passed  
test  
frssysvol

3  
days  
ago  
I  
saw  
the  
following  
error  
in  
the  
System  
log:

Source:  
Schannel  
Event  
ID:  
36872  
No  
suitable  
default  
server  
credential

Re: adprep /forestprep failure

exists  
on  
this  
system.  
This  
will  
prevent  
server  
applications  
that  
expect  
to  
make  
use  
of  
the  
system  
default  
credentials  
from  
accepting  
SSL  
connections.  
An  
example  
of  
such  
an  
application  
is  
the  
directory  
server.  
Applications  
that  
manage  
their  
own  
credentials,  
such  
as  
the  
internet  
information  
server,  
are  
not  
affected  
by  
this.

Re: adprep /forestprep failure

At  
the  
same  
time  
I  
saw  
this  
error  
in  
the  
Directory  
Service  
log:  
Source:  
NTDS  
LDAP  
Event  
ID:  
1220  
LDAP  
over  
SSL  
will  
be  
unavailable  
at  
this  
time  
because  
the  
server  
was  
unable  
to  
obtain  
a  
certificate.

This  
was  
one  
day  
after  
I  
reapplied  
SP  
4  
to  
the  
Win  
2000

Re: adprep /forestprep failure

DC.  
I  
have  
no  
idea  
if  
these  
are  
related.

Some  
history  
that  
may  
help  
in  
the  
diagnosis.  
Before  
starting  
this  
whole  
process,  
the  
domain  
functional  
level  
was  
Windows  
2000  
mixed,  
even  
though  
we  
did  
not  
have  
any  
NT  
servers.  
We  
raised  
the  
functional  
level  
to  
Windows  
2000  
native.  
We  
did

Re: adprep /forestprep failure

have  
another  
Windows  
2000  
Server  
SP  
4  
domain  
controller  
(SPSERVER02).

It's  
hardware  
has  
been  
flaky,  
so  
after  
the  
initial  
adprep  
failure,  
we  
ran  
DCPROMO  
and  
it  
reverted  
to  
a  
member  
server  
with  
no  
errors.  
Then  
we  
removed  
it  
from  
the  
domain  
and  
disconnected  
it.

I  
suppose  
the  
deleted  
Schema  
Owner

Re: adprep /forestprep failure

error  
is  
a  
key  
here,  
but  
I  
don't  
know  
how  
to  
fix  
that.  
Any  
recommendations?

Thanks  
for  
any  
assistance.

Brett