

NTDS warning: Replication event 1080 every few minutes on sole DC

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2007-07/msg00321

- *From:* "Randy Benson" <randybenson@xxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 9 Jul 2007 08:19:25 -0700
-

I recently demoted a Windows 2003 server DC named NAR because it never replicated with the Windows 2003 DC named ZNTR that contains the FSMO roles (and is currently the only DNS server and DHCP server).

IPCONFIG/ALL for ZNTR:
Windows IP Configuration

Host Name : zntr
Primary Dns Suffix : wrbenson.local
Node Type : Unknown
IP Routing Enabled. : No
WINS Proxy Enabled. : No
DNS Suffix Search List. : wrbenson.local

Ethernet adapter Local Area Connection 2:

Connection-specific DNS Suffix . :
Description : Linksys EG1032 v2 Instant Gigabit
Network
Adapter
Physical Address. : 00-12-17-51-FA-4B
DHCP Enabled. : No
IP Address. : 10.11.12.3
Subnet Mask : 255.255.255.0
Default Gateway : 10.11.12.99
DNS Servers : 10.11.12.3
NetBIOS over Tcpi. : Disabled

The demotion was successful, at least that's what AD reported at the end of the DCPROMO process, so I moved NAR out of the DC OU and into a server OU, and now I'm temporarily running a single-DC domain, but ever since, I've gotten the following error in the Directory Service event log every 15-18 minutes:

Event Type: Warning
Event Source: NTDS General

NTDS warning: Replication event 1080 every few minutes on sole DC

Event Category: Replication

Event ID: 1080

Date: 7/8/2007

Time: 8:48:21 PM

User: NT AUTHORITY\ANONYMOUS LOGON

Computer: ZNTR

Description:

Internal event: Active Directory could not notify the domain controller at the following network address about changes to the directory partition.

Directory partition:

DC=DomainDnsZones,DC=wrbenon,DC=local

Network address:

9f385845-432e-4e23-aba6-69ba549035d2._msdcs.wrbenon.local

The first couple of events had this:

Additional Data

Error value:

8446 The replication operation failed to allocate memory.

But every event since has been

Error value:

1722 The RPC server is unavailable.

NETDIAG shows no errors, but DCDIAG/Q shows:

An Warning Event occured. EventID: 0x80000438

Time Generated: 07/08/2007 23:42:26

(Event String could not be retrieved)

..... ZNTR failed test kcevent

RPC service is started and Automatic, and RPC Locator service is stopped and Manual; I opened TCP ports in Windows Firewall for RPC NtFRS and RPC NtNTDS as well as a range of TCP ports for RPC's dynamic high open ports, but I still get the events every few minutes. I temporarily turned off the Firewall and they still occur. whether NAR is up or not.

I also get the following warning in the Application event log upon reboot:

Event Type: Warning

Event Source: SRMSVC

Event Category: None

Event ID: 12317

Date: 7/9/2007

Time: 12:30:41 AM

User: N/A

Computer: ZNTR

Description:

File Server Resource Manager failed to enumerate share paths or DFS paths. Mappings from local file paths to share and DFS paths may be incomplete or temporarily unavailable. FSRM will retry the operation at a later time.

NTDS warning: Replication event 1080 every few minutes on sole DC

NTDS warning: Replication event 1080 every few minutes on sole DC

Error-specific details:

Error: (0x8007054b) The specified domain either does not exist or could not be contacted.

For more information, see Help and Support Center at

<http://go.microsoft.com/fwlink/events.asp>.

Data:

0000: 50 4d 43 41 43 48 45 43 PMCACHEC

0008: 37 36 36 00 00 00 00 00 766.....

0010: 50 4d 43 41 43 48 45 43 PMCACHEC

0018: 37 33 38 00 00 00 00 00 738.....

However I believe this 12317 warning is benign; it only happens once upon rebooting the server and I think it's an indication that the domain is temporarily unavailable after reboot, since there's no other DC to handle netlogons. Please correct me if I'm wrong.

NSLOOKUP from ZNTR returns:

Default Server: zntn.wrbenson.local

Address: 10.11.12.3

```
set q=srv
    _ldap._tcp.wrbenson.local
```

Server: zntn.wrbenson.local

Address: 10.11.12.3

_ldap._tcp.wrbenson.local SRV service location:

priority = 0

weight = 100

port = 389

svr hostname = zntn.wrbenson.local

zntn.wrbenson.local internet address = 10.11.12.3

I haven't gotten anywhere by Googling this – hope someone can please shed some light for me?

Thanks in advance——

Randy Benson

.