

RE: Active Directory could not resolve DNS host name

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2006-09/msg00227

- *From:* Mansoor <Mansoor@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 4 Sep 2006 20:45:01 -0700
-

Hello Peter

I have checked Both DC are still functioning and both DC s have the NETLOGON and SYSVOL share.

Both DNS zones are still updatable & working properly. I have check the DNS registration & its functioning normal

but still getting problem

"Peter" wrote:

Are you sure that both DC s are still functioning? Be sure that on both DC s the NETLOGON and SYSVOL share exists.

There could be an issue with the DNS registration of the SRV records. Are the DNS zones updatable? To force and check the DNS registration tries the following:

```
" Net stop netlogon
" Del c:\windows\system32\config\netlogon.dns
" Net start netlogon
" Ipconfig /register DNS
" Check the event viewer on the DC to know whether the registration went
successful or failed
```

Try to delete all connection objects and force a Replication topology check .

"Mansoor" wrote:

We are running windows 2003 EE. we are using two domain controller one is DC & other is ADC. both DC are also working as AD integrated DNS server. but

RE: Active Directory could not resolve DNS host name

when ever i restart my DC a always get this error:

Event Type: Error

Event Source: NTDS Replication

Event Category: DS RPC Client

Event ID: 2087

Date: 8/29/2006

Time: 8:23:17 AM

User: NT AUTHORITY\ANONYMOUS LOGON

Computer: MESH

Description:

Active Directory could not resolve the following DNS host name of the source

domain controller to an IP address. This error prevents additions, deletions and changes in Active Directory from replicating between one or more domain

controllers in the forest. Security groups, group policy, users and computers and their passwords will be inconsistent between domain controllers until this error is resolved, potentially affecting logon authentication and access to network resources.

Source domain controller:

Server2

Failing DNS host name:

6e0d047e-eeff-4db8-a919-5c9e4ca8dd69._msdcs.bideonline.com

NOTE: By default, only up to 10 DNS failures are shown for any given 12 hour

period, even if more than 10 failures occur. To log all individual failure events, set the following diagnostics registry value to 1:

Registry Path:

HKLM\System\CurrentControlSet\Services\NTDS\Diagnostics\22 DS RPC Client

User Action:

1) If the source domain controller is no longer functioning or its operating system has been reinstalled with a different computer name or NTDSDSA object GUID, remove the source domain controller's metadata with ntdsutil.exe, using the steps outlined in MSKB article 216498.

2) Confirm that the source domain controller is running Active directory and is accessible on the network by typing "net view \\<source DC name>" or "ping <source DC name>".

3) Verify that the source domain controller is using a valid DNS server for DNS services, and that the source domain controller's host record and CNAME record are correctly registered, using the DNS Enhanced version of

RE: Active Directory could not resolve DNS host name

DCDIAG.EXE

available on <http://www.microsoft.com/dns>

dcdiag /test:dns

4) Verify that that this destination domain controller is using a valid DNS server for DNS services, by running the DNS Enhanced version of DCDIAG.EXE

command on the console of the destination domain controller, as follows:

dcdiag /test:dns

5) For further analysis of DNS error failures see KB 824449:

<http://support.microsoft.com/?kbid=824449>

Additional Data

Error value:

11004 The requested name is valid, but no data of the requested type was found.

For more information, see Help and Support Center at <http://go.microsoft.com/fwlink/events.asp>.

just after this error we received this warning

Event Type: Warning

Event Source: NTDS KCC

Event Category: Knowledge Consistency Checker

Event ID: 1308

Date: 8/29/2006

Time: 8:26:44 AM

User: NT AUTHORITY\ANONYMOUS LOGON

Computer: MESH

Description:

The Knowledge Consistency Checker (KCC) has detected that successive attempts to replicate with the following domain controller has consistently failed.

Attempts:

1

Domain controller:

CN=NTDS

Settings,CN=Server2,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=b

Period of time (minutes):

687

The Connection object for this domain controller will be ignored, and a new temporary connection will be established to ensure that replication continues. Once replication with this domain controller resumes, the temporary connection will be removed.

RE: Active Directory could not resolve DNS host name

Additional Data

Error value:

1908 Could not find the domain controller for this domain.

For more information, see Help and Support Center at

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

important thing is that this error & warning occurs only in Dc not in ADC.
ADC just provide one warning about file Replication service which is event ID
13508.

When I run Dcdiag on DC i found this result

Dcdiag Result

Domain Controller Diagnosis

Performing initial setup:
Done gathering initial info.

Doing initial required tests

Testing server: Default-First-Site-Name\MESH
Starting test: Connectivity
..... MESH passed test Connectivity

Doing primary tests

Testing server: Default-First-Site-Name\MESH
Starting test: Replications
..... MESH passed test Replications
Starting test: NCSecDesc
..... MESH passed test NCSecDesc
Starting test: NetLogons
..... MESH passed test NetLogons
Starting test: Advertising
..... MESH passed test Advertising
Starting test: KnowsOfRoleHolders
..... MESH passed test KnowsOfRoleHolders
Starting test: RidManager
..... MESH passed test RidManager
Starting test: MachineAccount
..... MESH passed test MachineAccount
Starting test: Services
..... MESH passed test Services
Starting test: ObjectsReplicated
..... MESH passed test ObjectsReplicated
Starting test: frssysvol

RE: Active Directory could not resolve DNS host name

..... MESH passed test frssysvol
Starting test: frsevent
..... MESH passed test frsevent
Starting test: kccevent
..... MESH passed test kccevent
Starting test: systemlog
An Error Event occured. EventID: 0xC00038BB
Time Generated: 08/29/2006 08:22:30
(Event String could not be retrieved)
An Error Event occured. EventID: 0x00000423
Time Generated: 08/29/2006 08:23:51
Event String: The DHCP service failed to see a directory server
An Error Event occured. EventID: 0x00000423
Time Generated: 08/29/2006 08:24:19
Event String: The DHCP service failed to see a directory server
..... MESH failed test systemlog
Starting test: VerifyReferences
..... MESH passed test VerifyReferences

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 : bideonline
Starting test: CrossRefValidation
..... bideonline passed test CrossRefValidation

RE: Active Directory could not resolve DNS host name

Starting test: CheckSDRefDom
..... bideonline passed test CheckSDRefDom

Running enterprise tests on : bideonline.com
Starting test: Intersite
..... bideonline.com passed test Intersite
Starting test: FsmoCheck
..... bideonline.com passed test FsmoCheck

IP config Result

Windows IP Configuration

Host Name : mesh
Primary Dns Suffix : bideonline.com
Node Type : Hybrid
IP Routing Enabled. : No
WINS Proxy Enabled. : No
DNS Suffix Search List. : bideonline.com

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . :
Description : Realtek RTL8139 Family PCI Fast
Ethernet
NIC
Physical Address. : 00-05-1C-01-69-8A
DHCP Enabled. : No
IP Address. : 192.168.0.1
Subnet Mask : 255.255.255.0
Default Gateway :
DNS Servers : 192.168.0.1
192.168.0.4

Please help me to solve this problem