

multiple dns errors with domain controllers

Source:

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I'm using Windows 2003 with all the patches and service packs. I have 3 domain controllers and 1 of them is the DNS server. I have multiple errors in the event viewer and when running dcdiag and netdiag. I think it's a DNS issue I have to fix first before I can get the other stuff worked out. I tried to run the utilities with the /fix but no luck. I tried to start and stop the net logon service, also do ipconfig /registerdns, no luck. Made sure the domain controllers are registered in DNS with SRV records and everything looks good. I even re-created the zone. All the domain controllers are pointing to the main DNS server for name resolution.

Main domain controller with all the roles: When I run DCDIAG I get this:

Starting test: frsevent

There are warning or error events within the last 24 hours after the

SYSVOL has been shared. Failing SYSVOL replication problems may cause

Group Policy problems.

..... SHS2003SERVER failed test frsevent

Starting test: kccevent

An Warning Event occured. EventID: 0x80000785

Time Generated: 02/02/2006 11:08:52

Event String: The attempt to establish a replication link for

..... SHS2003SERVER failed test kccevent

When I run NETDIAG, I get this:

Kerberos test. : Failed

[FATAL] Kerberos does not have a ticket for
host/shs2003server.sutherlin.k12.or.us.

LDAP test. : Passed

[WARNING] Failed to query SPN registration on DC
'sutherlin-win3.sutherlin.k12.or.us'.

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On one of my other domain controllers, here's what I get when running DCDIAG:

Starting test: kccevent

An Warning Event occured. EventID: 0x80000785

Time Generated: 02/02/2006 11:25:11

Event String: The attempt to establish a replication link for

..... SUTHERLIN-WEB failed test kccevent

Starting test: systemlog

An Error Event occured. EventID: 0x0000168E

Time Generated: 02/02/2006 10:30:39

Event String: The dynamic registration of the DNS record

An Error Event occured. EventID: 0x0000168E

Time Generated: 02/02/2006 10:30:39

Event String: The dynamic registration of the DNS record

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Time Generated: 02/02/2006 10:30:39

Event String: The dynamic registration of the DNS record

An Error Event occured. EventID: 0x0000168E

Time Generated: 02/02/2006 10:30:39

Event String: The dynamic registration of the DNS record

An Error Event occured. EventID: 0xC0000021

Time Generated: 02/02/2006 10:33:35

(Event String could not be retrieved)

An Error Event occured. EventID: 0x00000457

Time Generated: 02/02/2006 10:40:42

(Event String could not be retrieved)

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An Error Event occurred. EventID: 0x00000457
Time Generated: 02/02/2006 10:40:43
(Event String could not be retrieved)
An Error Event occurred. EventID: 0x00000457
Time Generated: 02/02/2006 10:40:43
(Event String could not be retrieved)
An Error Event occurred. EventID: 0x0000168E
Time Generated: 02/02/2006 10:41:27
Event String: The dynamic registration of the DNS record

An Error Event occurred. EventID: 0x0000168E
Time Generated: 02/02/2006 10:41:27
Event String: The dynamic registration of the DNS record

An Error Event occurred. EventID: 0x0000168E
Time Generated: 02/02/2006 10:41:27
Event String: The dynamic registration of the DNS record

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Time Generated: 02/02/2006 10:41:27
Event String: The dynamic registration of the DNS record

..... SUTHERLIN-WEB failed test systemlog

When I run NETDIAG, I get this:

```
DNS test . . . . . : Failed
[WARNING] Cannot find a primary authoritative DNS server for the
name
'sutherland-web.sutherland.k12.or.us.'. [ERROR_TIMEOUT]
The name 'sutherland-web.sutherland.k12.or.us.' may not be
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registered in DNS.

[WARNING] The DNS entries for this DC are not registered correctly on DNS server '10.30.0.10'. Please wait for 30 minutes for DNS server replication.

[FATAL] No DNS servers have the DNS records for this DC registered.

Kerberos test. : Failed

[FATAL] Kerberos does not have a ticket for host/sutherlin-web.sutherlin.k12.or.us.

LDAP test. : Passed

[WARNING] Failed to query SPN registration on DC 'sutherlin-win3.sutherlin.k12.or.us'.

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