

# Re: dcdiag – ... not responding to directory service requests

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<http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.dns/2006-04/msg00039.html>

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- *From:* <[churchmouse@xxxxxxxxxxxxxxxxxxxxxx](mailto:churchmouse@xxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Mon, 10 Apr 2006 08:54:50 -0700
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"Ace Fekay [MVP]" <[PleaseAskMe@xxxxxxxxxxxxxxxxxx](mailto:PleaseAskMe@xxxxxxxxxxxxxxxxxx)> wrote in message [news:eOqJgPCXGHA.4484@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:eOqJgPCXGHA.4484@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

In [news:eT\\$w%23n\\$WGHA.3864@xxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:eT$w%23n$WGHA.3864@xxxxxxxxxxxxxxxxxxxxxxxxxx), churchmouse@xxxxxxxxxxxxxxxxxx <[churchmouse@xxxxxxxxxxxxxxxxxx](mailto:churchmouse@xxxxxxxxxxxxxxxxxx)> stated, which I commented on below:

3 servers on this win2k domain...

Because of a HD crash I rebuilt the machine using pieces of the raid set (both drives died simultaneously) and got it working, I then had a USN rollback problem so I demoted my mail server, did a metadata cleanup and promoted again. That allowed me to add users again and it seems OK but... Now my Role holder event log is throwing KCC errors (event ID 1265) that refer to DNS entries.

I found that the dsa address guid (cname) was different from the mail server's dns entries so I deleted and created an identical record. but still the 1265 error

DCDIAG run on both the Role holder and the mailserver in question skip the mail server with the message "Not responding to directory service requests"

I can ping it by name or IP from any machine on the lan but I am at the end of my experience now.

What would be the next step in resolving this?

I can't see how demoting a mail server will help, unless it was a domain controller. If that is the case, and you (assuming) re-promoted the DC into a brand new domain, then I would also assume it would populate fresh data into DNS, unless of course this was not the only DC in the domain. (Good reason not to install Exchange on a DC).

If you had a complete system state and Exchange backup, you could have rebuilt the machine, then restored the system state, then restore Exchange, then ran Exchange setup again with the setup /disasterrecovery

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switch.

If this is the only DC in the domain, and you've already lost your user accounts, and you do not have backups, I would assume the best course of action is to just rebuild from scratch and install Exchange (preferably on another machine), then disjoin and then rejoin the clients to the new domain.

If you are trying to repair this, I would suggest to delete all the SRV entries in DNS, and run `ipconfig /registerdns`, then restart the netlogon service to repopulate the SRV records. If they are not populating (registering), (assuming that DNS is pointed to itself and the zone is allowed updates, along with the domain is NOT a single label name), then something else is going on, and if it's that far gone, a fresh rebuild may be in order.

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Ace

Hello Ace . mmac here. Good to see you are still around.

The dcpromo was in response to the failure of the HD set. After the repair, the server functioned and served mail but if I tried to add a user it wouldn't populate to the mail server the event log error were for USN rollback. The solution was to demote, and remove metadata that referred to that machine and repromote. So I seized the roles and did just that. So it does seem to be a DNS issue and I'll follow your advice this evening.

Since there are three DNS servers I assume that I should delete those records from them all?

And then reregister just the mail server? –correct?

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