

## Re: Exchange breaks connetion with Domain Controller

**Source:**

<http://www.tech-archive.net/Archive/Exchange/microsoft.public.exchange.admin/2004-10/3682.html>

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**From:** Bob Christian (*BobChristian\_at\_removethis.gmail.com*)

**Date:** 10/25/04

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Danny:

MAD.EXE is the System Attendant, or SA service.

I am going to assume:

... that you are running Exchange 2003 with Active Directory 2003.

These steps below are generalized and work with either.

... that you have played the reboot game several times only to experience this problem again.

... that you can ping the DCs from the Exchange server.

... you are running your hardware on average or above-average servers.

... these servers (2 DCs and 1 Exchange server or server cluster) were supporting the the collegiate body and administrators properly up until 3 weeks ago.

To start, what I would suggest is this:

Think of any changes in the past 3 weeks (Network topology, DNS, software installs, etc). Could those have affected AD or Exchange?

Check your anti-virus software and ensure that you are not scanning (or that you are excluding) the directory/subdirectories housing the SYSVol, staging areas, ntds.dit, logs, ntds.pat, etc. A good article touching on this is:

Virus scanning recommendations on a Windows 2000 or on a Windows Server 2003 domain controller

<http://support.microsoft.com/default.aspx?scid=kb;en-us:822158>

If you already have not installed the Windows Server support tools, install those on the Exchange server and domain controllers.

>From the directory containing the support tools run:

(Exchange Server)

dcdiag.exe /s:dc-01.sapc.edu

dcdiag.exe /s:dc-02.sapc.edu

netdiag.exe

(Domain Controllers locally)

dcdiag.exe

netdiag.exe

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If there are any glaring problems those two applications should catch them.

Are there any events in the event logs on the AD DCs which may be indicative of a problem?

I know these are a lot of questions, but they will get you started on the right track and will help in troubleshooting.

Bob

"Danny Phillips" <DannyPhillips@discussions.microsoft.com> wrote in message news:E4A6D323-EF5E-42D4-934F-A235A6FDF3A0@microsoft.com...

> *For the last 3 weeks my exchange server keeps dropping the connection with my*

> *domain controllers. The following are some of the errors in the event log.*

>

>

> *Process MAD.EXE (PID=880). All Domain Controller Servers in use are not responding:*

> *dc-02.sapc.edu*

> *dc-01.sapc.edu*

>

> *This computer was not able to set up a secure session with a domain controller in domain SAPC due to the following:*

> *There are currently no logon servers available to service the logon request.*

> *This may lead to authentication problems. Make sure that this computer is*

> *connected to the network. If the problem persists, please contact your domain*

> *administrator.*

>

> --

> *Danny Phillips*

> *Network Administrator*

> *<http://www.sapc.edu>*