

How to Determine Cause of Slow DC/GC Performance?

Source:

http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.active_directory/2004-06/0679.html

From: Steve (*nospam_at_nospam.com**)

Date: 06/08/04

Date: Tue, 08 Jun 2004 07:54:41 -0700

I've got 3 DC/GC in my single domain AD forest. All are located on my LAN which consists of approx. 75 workstations. I've also got a WAN of 10 locations over T1 or DSL with approx. 200 workstations which these boxes service.

1 DC is a PIII 600 with 512MB RAM and it is also the DHCP server, DNS, WINS server and it also hosts the primary FSMO roles (IM, PDCE, etc). The 2nd DC is the same HW, but also hosts NAV sig files for the domain. The 3rd DC is a PIII 1GHz with 512MB RAM which also has RAS services.

The issue is that the DC with the primary FSMO roles is very speedy. If I'm in AD users and computers, properties for objects come up very quickly...2-3 seconds. The other 2 DC's are quite slow..the one with NAV sigs on it can take up to 30 secs to show object properties if I switch to it from AD users and computers. The 3rd DC can take approx. 15 seconds.

How can I determine why this is?

Thanks.

Steve.