

PDC Name Resolution Problem ...

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a site has a PDC that was multi-homed (4 nics) that they are now trying to run on one nic. after disconnecting three nics from their respective segments, configuring a new router, and clearing the WINS, DNS, and DHCP scopes the client machines on the three subnets that had their direct connections/nics to the PDC removed still resolve the PDC Netbios name to the old PDC IP addresses (this affects all mapped drives, printer paths, folder access, etc...). at first it was believed to be a lingering entry in the DDNS database, but after using other DNS servers (and checking the DDNS database) that proved not to be the case. in troubleshooting, all other machines were brought down to prevent any clients acting as segment browsers to progogate any false/outdated info and the arp, netbios, and dns caches were all flushed and the machines rebooted several times. the lmhosts files and hosts files also don't have any suspicious/old entries that might cause the problem. the client machines on the three misbe having segments seem to route all other IP traffic okay, can access the PDC on the other subnet by IP address, and internet dns resolution works great. and they can still get DHCP info from the PDC on the other segement as well. but correcting the name resolution problem to the PDC on the other three segments has proven to be a daunting task. any help would be greatly appreciated. TIA ...