

# Default Gateway Reverts to Old Setting

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Having a problem with the default gateway setting on a WinSvr2003 Std box at one of my clients.

This server is on the only IP subnet at the client's main office. It's configured as a DC with another DC on the subnet, which is an SBS2003 Premium box which holds all the FSMO roles. Both DCs run DNS for the domain, but only the SBS2003 server runs WINS.

The server has two identical 10/100/1000 NICs, plus a (Broadcom) BASP Virtual Adapter which is part of optional NIC teaming. We're not doing any of the teaming, and the BASP Virtual Adapter and one of the physical NICs are disabled.

We re-numbered the IP subnet in this office as part of a IP numbering architecture involving several branch offices VPNs with this main office as the VPN hub. The previous subnet was 192.168.0.0/24 with the old default gateway at 192.168.0.1. The renumbered subnet is 192.168.60.0/24 with the default gateway at 192.168.60.254.

The server has static IP addressing on the active NIC. TCP/IP properties are left to use DHCP on the two disabled NICs, not that it should matter. TCP/IP is the only network protocol installed. DNS & WINS are set correctly and NetBIOS is enabled on the active NIC. Advanced Settings in Network Properties look right as to sequence and protocol bindings.

The problem is that the default gateway setting for the active NIC keeps reverting back to 192.168.0.1 from 192.168.60.254 at random times. After it's set correctly, it'll revert back after the server runs for some period of time. It may revert back after a reboot (but not always), overnight (during which a backup normally occurs, using BackupExec Remote Agent) or just after a few hours.

I've re-set the default gateway numerous times, but it always reverts back to the old, now non-existent IP. I've searched the registry many times and removed or updated any reference to the old 192.168.0.x network. I've also changed which NIC is the active one and set the IP addressing correctly on the new one only to have the gateway get changed to the old 192.18.0.1 one on that NIC which had never been on that old network. Haven't found

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anything on–point in the Microsoft Support KnowledgeBase.

We're at the point now of maybe removing/reinstalling the TCP/IP and/or networking software on this box. But we don't know if that will cure this and it's a hassle anyway.

Anyone have any ideas?

Thanks,  
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