





Re: SBS 2003 Misconfigured?

DHCP "OFF"  
Manually configured static IP from ISP  
DNS set to ISP DNS-1 & DNS-2

Netgear FVG318 router  
WAN IP set to one of the static IP's assigned by ISP  
LAN IP of router manually set to 192.168.5.2  
DHCP turned off  
Primary and Secondary DNS setup to my ISP's DNS

SBS 2003 Server  
Computer name is MSGSRV  
IP of server is 192.168.5.109

That's fine, but for reasons of tidiness & organization it's usually best to assign your static IP addresses from the lowest or highest range of your IP subnet. I set exclusions – such as, from .1 to .50 and from 200 – .250. I set the gateway/router appliance to .1, and set my servers to use between .10 and .20, etc. You don't have to do this, but I find it tidier.

TCP/IP is configured so that DNS point to itself

Good

The alternate DNS is blank, should I set it to the ISP DNS-1?

Nope.

Default gateway is set to router 192.168.5.2

DHCP is configured, but I manually configured all IP's on all computers after I started having problems.

OK – you shouldn't need that, but see below.

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DHCP scope 192.168.5.100 to 192.168.5.150

OK.

IP's on Workstations was Manually configured as 192.168.5.101, 192.168.5.110, and 192.168.5.108 because DHCP will not work. Each WS has its DNS pointed to the server local ip.

What about the DNS suffix & WINS?

Are there a set of diagnostics I can run that will help me pinpoint my issue? Thanks in advance.

This is a lovely and informative level of detail, but you haven't told us the exact symptoms of the problem is yet. What precisely happens when you try to use DHCP & get a lease on a workstation?

When you set up the server, did you install & configure DHCP right off the bat, or did you have another device on the LAN with an active DHCP server (and hence SBS would skip DHCP setup)?