

# SBS 2003 Premium, Multi-Homed, Problem with OMA

---

*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-12/msg00745.html>

---

- *From:* Craig Shue <[craig@xxxxxxxxxx](mailto:craig@xxxxxxxxxx)>
  - *Date:* Sun, 03 Dec 2006 13:53:03 -0600
- 

Here is my setup, I have a T1 connected to a firewall router, the only LAN port in use on that router is the SBS 2003 Premium box. Standard SBS ports are open, 21, 25, 80, 443, 444, 4125 and a few others for a remote backup service I provide. I installed a 2nd NIC in the SBS box that connects to a wireless firewall router attached to a Cable Modem, this router has my workstations attached to it. This was done so that my LAN traffic would not use any bandwidth on the T1. The SBS box is setup to host my domain and Exchange. All workstations are joined to the domain which is why I would like to maintain the multi-home setup so they can use DNS for authentication to each other for drive and printer shares. The workstations have static IP's and list the SBS 2nd NIC as primary DNS with the wireless router as secondary DNS. This is the address that connects the SBS box to the wireless router they are connected to.

SBS box Internal NIC is 192.168.0.2 and gateway of 192.168.0.1 for T1 router. Secondary NIC is 192.168.1.2 with no gateway. Both addresses are outside the DHCP scope on each router. Local traffic on 192.168.1.\* can hit Exchange with Outlook just fine and AD services, I see the activity on 2nd NIC when LAN traffic is retrieving mail for example.

Treo 700w, running WM5 (Verizon) device can hit [mailserver.domain.com/exchange](mailto:mailserver.domain.com/exchange) web address and log in to OWA just fine.

Laptop using a Verizon data card can connect with Outlook 2003 via RPC over HTTP with both Basic and NTLM authentication (laptops NTLM level was raised to 3) just fine.

I have run CEICW on the SBS box and designated the internal NIC as the ISP and 2nd NIC as the LAN. DNS settings in the CEICW are the two provided by T1 provider and gateway is the T1 routers address. When I view the two NIC's after CEICW has run, they are both setup to use 192.168.1.2 for DNS which is the secondary NIC's address. Phone still will not synchronize. I even changed both DNS settings to use 127.0.0.1 and 192.168.0.2 which is the address of the NIC attached to

## SBS 2003 Premium, Multi-Homed, Problem with OMA

the T1 where all inbound mail traffic is coming.

If I disable the 2nd NIC the phone will start to synchronize, as soon as the LAN NIC is re-enabled the phone fails again with the status code 0x85010014.

If I re-run CEICW and check off that I use a single NIC for ISP and LAN traffic and designate it to be the T1's NIC, the phone will synch again. Side note- every time CEICW is run I am allowing all services and keeping the SBS firewall disabled. ISA 2004 was not installed.

Now, when CEICW has configured the box to use only the T1 NIC for ISP and LAN traffic, the phone will synch but I get Userenv 1030 and 1058 errors in the Event Viewer/Application logs every 5 minutes and errors in System logs for Netlogon event ID 5774, and in the DNS Server for DNS event ID 6702. Same errors occur if I run CEICW and configure the machine to use both NIC's and manually disable the LAN NIC.

I have tried removing the field for forms authentication in System Manager Servers/Server/Protocols/HTTP/Exchange Virtual Server.

I have tried adding and also not using any headers for the Default Web Site in IIS (restarting IIS after changes each time).

I have tried specifying the ISP NIC for the Default Web Site to listen on.

I know my certificate is fine because when I am only using the ISP NIC on the SBS box the phone synchronizes fine.

I have also manually configured the ISP NIC as interface metric 1 instead of Automatic metric. I also added the LAN router GW address and set it to a metric of 2 after the ISP router GW address (metric 1). Same gateway configuration was done for the LAN NIC except it's Interface metric was set as 2.

Thank you in advance for any suggestions you may have.

Craig

.