

## Re: WINS Setup Issue

**Source:**

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2004-03/0447.html>

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First of all if you disable the computer browser service on domain controllers, workstations and servers you will have an empty browse list. At least 1 machine on each subnet must act as the SMB or segment master browser responsible for gathering the local list and passing back to the DMB along with providing a domain wide list at the request of clients. The PDC role holder acts as the DMB (domain master browser) responsible for merging the domain wide list. The DMB will query WINS for 1b entries in order to find all domains on the network and get their local lists. Browsing across subnets can be a bit of a pain in the but.. Have a look at the following in order to get an understanding of how it works:

Domain Browsing with TCP/IP and LMHOSTS Files

<http://support.microsoft.com/default.aspx?scid=kb:en-us:150800>

Don't be misled by the title. Although it says lmhosts it does explain the entire process and of course lmhosts are not required. They are a static solution to WINS.

"Dave Leonardi" <cyberfrost100@yahoo.com> wrote in message  
> *I was wondering if someone could please assist me with a WINS Issue.*

> *I have three sites with the following repesective networks:*

172.17.x,x,

> *172.16.x.x, 172.18.x.x within our school district. One WINS Server resides*

> *on 172.17.x.x. We have set up three T1 routers, one at each site. IP helper*

> *addresses have been set up and DHCP is working fine issuing leases. Each*

> *DHCP scope receives an Option 44, NBNS 172.17.0.x. and Option 46, Node Type*

> *0x8 . I also believe the router's NetBIOS ports are being blocked.*

Presently

> *all servers such as our WINS, DHCP, DNS etc., are located on the 172.17.x.x*

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> *network and the other 2 sites only house computers and printers. I was told*  
> *by a third party consultant to disable the computer browser service(Group Policy) on domain controllers, workstations and servers because it would*  
> *cause much network traffic. Could this be causing an issue?*  
> *I only see computers on each local subnet, but can not see other*  
> *computers through the router using network neighborhood. I typically use*  
> *NetBIOS functionality for certain applications that require it. I would*  
> *appreciate it if you could propose a solution without having to set up a*  
> *WINS Server at each location. We are trying to consolidate all the servers*  
> *to one central location. Thanks for your time it is greatly appreciated.*