

SBS Network, 2 Nics, How to turn on DHCP on local network?

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I've already spent time Googling for an answer to this, so I apologize if this question has an easy answer (it must).

I'm working with a network with SBS, where the SBS has two NICs, one for the internet, one for the local network. I inherited this network and have found it has issues with two clients simultaneously trying to access a disk mounted on the SBS (causes problems with printing among other things).

The local NIC connects to a D-link router WAN port, and on the other side we plug in our switch to the desktop computers and also it has a WAP. The D-link is currently doing DHCP for us. We're using the subnet 192.168.1.X. The local NIC on the SBS is 192.168.0.1, and the WAN on the D-link is set to 192.168.0.20.

Clients on the network access the internet just fine and can access the SBS-mounted disk just fine as long as only one does at a time. But if two try at the same time, one fails with the message "The specified network name is no longer available".

After trying several things, turned off DHCP on the router and used it as a switch then assigned manual IP addresses to two clients (192.168.0.100 and 192.168.0.101) When I do that, the clients can access the server just fine.

It's been suggested to me that we have SBS do the DHCP not the D-link router. DHCP seems to be running, but when I simply attach the clients to the server via the switch/router, it doesn't dish out addresses. I'm really not familiar with SBS. Is there some obvious thing I must do to turn on DHCP for the local NIC? Or, is there something else I might change in my configuration to fix this problem.

Much thanks in advance for your help.

Andrew

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