

# Re: GB Switch Connection

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Terri-

You created a bridging loop by activating that second line. You need to get switches which support spanning tree protocol. You're not going to get load balancing the way you have it setup with stp either

A gige link should be more than enough for 60 clients hitting a file server. You'd need something that supports etherchannel to make a 2gig channel between your 10/100 switches and the sw16.

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Thanks,  
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"Terri S" <[Theresa.schwamberger@xxxxxxxxxxxxxxxx](mailto:Theresa.schwamberger@xxxxxxxxxxxxxxxx)> wrote in message [news:%23sqbQQL1FHA.2132@xxxxxxxxxxxxxxxx](mailto:news:%23sqbQQL1FHA.2132@xxxxxxxxxxxxxxxx)

> I had two CAT6 cables installed between two rooms, each room I have a  
> All-GB-port switch (unmanaged, shown on the drawing, one 16 port and one 8  
> ports)  
>  
> in closet B is where we have the SAN and are planning on putting most of  
> our  
> servers, I decided to build a GB backbone before all this happen, I  
> already  
> had about 60-70 ports of workstations occupied in room B (SW24-ABC), in  
> which they are on 10/100 ports (all unmanaged switches as well) with two  
> GB  
> uplink port (on the drawing I showed the way I chained them) so they can  
> all  
> talk to room A (from SW24-ABC to SW8) where all the servers were at that  
> time  
>

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- > We have some servers now connected to SW16, including the SAN file server
- > which everybody is going to hit once we open the door to the SAN storage,
- > the cable marked " 1 " is the cable it rely on to talk to the rest of the
- > network (room A has about 60–70 percent of workstations and half of the
- > servers still there), that means (correct me if I am wrong) before people
- > can get to the SAN, it has to go through Switch ABC (SW24–ABC s on the
- > drawing), the GB connection has to be divided by the switch chains,
- >
- > With that in mind, I activated the other original CAT6 run (which runs
- > between the rooms, marked "2" on the drawing") by connecting switches SW16
- > and SW8 in hope that people can get faster access to the SAN and the
- > servers
- > on SW16, but I immediately get people's calls that network is not working
- > (especially the email and the internet) and it back to work if I
- > disconnect
- > the cable marked "2"
- >
- > so does means this setting does not allow 2 uplink cables on