

# Re: Network topology for Small Business HA – Clustering?

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<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.clustering/2008-03/msg00115.html>

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Some comments:

Windows 2008 has additional restrictions around the storage w/r/t Failover Clustering. Parallel SCSI is not supported for the shared storage so this may rule out clustering for you.

As for the highly available file share, you could also use DFS.

With a single storage unit, you are looking at doing SCC (single copy cluster) with Exchange 2007...but NOT with Standard Edition. Unfortunately, you'll need Enterprise Edition:

<http://www.microsoft.com/exchange/evaluation/editions.mspx>

I'd suggest that you consider working the existing server (SBS) into the solution in the end. You could wipe it (after migrating to the new target solution, of course) and leverage it as a DC, etc...

It sounds like you need some consulting to sort out your equipment vs. your needs...

—Ryan

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<[jazzaus@xxxxxxxx](mailto:jazzaus@xxxxxxxx)> wrote in message  
[news:2c5865e6-2717-4435-a0da-746b04f27947@xx](mailto:news:2c5865e6-2717-4435-a0da-746b04f27947@xx)

- Less than 20 person engineering firm. Have needs for:
- 2+ Terabytes of local data storage
- Email serving with local control
- Shared Internet access with VPN capabilities
- Printer sharing

To date we have used SBS 2003 to fill this need nicely but after a recent hardware failure and too much downtime, management decided to invest in a more highly available option. We decided to go with windows clustering and purchased 2 identical machines from Dell with a

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shared storage unit, Windows Server 2008 Enterprise and Exchange Server 2007 standard.

Now through my search for recommended configurations I find it confusing on how I need to have this setup. It is not recommended to cluster domain controllers and Exchange clustering on DMs does not seem to be supported. I need to find a resource that addresses my network topology to accommodate a highly available environment from ISP to end users. Is there a recommended resource for network layouts for our scenario? Would a Primary/Secondary domain controller with a hardware fault tolerant NAS be more what we should be doing?

Any direction would be appreciated.

Thanks,

Joel