

Domain Controller Best Practice

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I am in need of some supporting documentation relating to Domain Controllers.

The situation is this. A medium sized school would like their single DC to also be a file server. This DC would be serving about 300 people, along with another file server and an email server.

My initial recommendation is multiple domain controllers for the simple reason of fault tolerance of the schema. They buy this.

However, they would like to see technical documentation saying that it is not a good idea to have a domain controller share roles as a DC and a file server.

One of my main concerns, aside from load, is that high school age kids are using the network. They like to poke and prod. I would rather them not even poke at the DC. Also, as the DC has no local security database, you can no longer use permission assignment best practice. To me it just seems like a bad idea, but I need documentation to back it up.

Can anyone offer resources to illustrate this? I am scouring technet and the MS AD deployment docs now.

Thanks,
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