



Article published on February 6th 2012 | [Hardware](#)

It is important to design an IT environment running Windows to utilize a windows storage server. If the users are storing data such as important documents and spreadsheets on the desktop, they could experience loss of access once the desktop breaks. If the desktop computer's hard disk drive breaks, your data will be lost and irretrievable.

Using a storage server, all the important data can be stored on the server that's created for both performance and protection. The users can retrieve big documents and load them faster and with more reliability. An additional advantage is that if the desktop is destroyed, the files will still be offered by another desktop client since the files are stored on a central server.

### Who

The proper audience for those who might want a windows storage server are businesses of just about any size. When there is going to be more than two to three employees in the near future, then it is going to be much better to centralize storage for Windows desktop computer users to one computer.

The person who should set up this server is really a Windows system administrator that has at least a couple of years of experience. Some certifications that could be helpful range from the MCSE and also the CCNA. A college degree in information systems or computer science will be relevant as well. It's possible for the company owner to do all of the work as well. Although setting this up isn't rocket science, the talents of the business owner might be better deployed in other ways than system administration duties.

### Active Directory

The windows storage server should be a machine in Windows Active Directory (AD). All desktop client computers should be members of Active Directory also. Not to mention, each user should have a user account in Active Directory. Users will log into Windows AD rather than the local desktop as a way to authenticate.

With Active Directory, it will likely be the easiest way to establish appropriate access controls to the files for the storage server. The proper user or gang of users will have the appropriate rights to the files and directories. This ensures that documents will not end up in the wrong hands. At the same time, this minimizes the work for the system administrator to the maximum extent possible.

### Cost

The cost of creating a windows storage server can vary widely. To begin with, the price of the Windows server operating system needs to be included. Then the cost of the server hardware needs to be added. For many servers, the CPU performance will not be a problem. Neither is the memory. The price will be in the quantity of hard disks.

For a business environment, it is much better to buy extra disks to mirror or RAID protect all filesystems. What this means is if a single disk fails, it won't bring down the whole filesystem. Mirroring will definitely cost the most, but a RAID5 filesystem will utilize fewer disks with a small performance hit.

Article Source:

<http://www.articleside.com/hardware-articles/why-is-a-rackmount-server-so-important-to-your-business.htm> - [Article Side](#)

[Fred Lannister](#) - About Author:

Most offices need a [rackmount servers](#) for their own data needs. RackMountPro.com has all the servers you would need, such as a [windows storage server 2008 r2](#). Visit today for more information.

Article Keywords:

business, internet, networks, servers

You can find more [free articles](#) on [Article Side](#). Sign up today and share your knowledge to the community! It is completely FREE!