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# Network Attached Storage simplifies data backup and sharing process

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Article published on December 14th 2011 | Hardware

If you are on the look out for some solutions to increase your data storage capacity which are cost effective, secure and easily accessible too, then some helpful options are available in the market.

These demands have inspired manufacturers to come up with different sophisticated solutions one of which is Network Attached Storage. This is nothing but a storage device, i.e. a hard disk which can be attached to the network. NAS solutions can be implemented for different purposes like storing, sharing files and for maintaining regular backups. These storages are accessible via the TCP/IP network. With easy availability of internet almost anywhere, NAS has gained immense popularity among users. Before going shopping it is advisable to assess your specific requirements which will help in right selection. What you need to do is compare different storage solutions and then opt for the best one.

NAS solutions come with single hard drive or multiple drive configurations. Depending on the need, you can opt for two 500GB drives with a RAID option. Those who have large or small business setups and work with confidential and important business data can benefit from the RAID configuration. This way the user need not worry in case one of the hard drives fails since the backup will be always there in the alternate drive. Network Attached Storage with mirrored hard disks guarantees maximum fault tolerance at the hardware level. Any specific NAS configuration needs to be decided only after analyzing own needs.

Further, network attached storage ensures maximum data security. There are many sophisticated products available in the market which comes with additional safety features to protect your data against phishing and spyware attacks. Before deciding on any such additional security feature, you should make thorough query about product features and compare prices from different manufacturers.

Apart from providing maximum data security, fault tolerance and data preservation options, NAS solutions offer some other added benefits too. It ensures an easy sharing of data and contents with other networked computers and different devices. So, if you want to share personal pictures or videos with friends, NAS offers very easy and fast access. Those having small business setups can use NAS configuration to share valuable data with clients across the world. No need to maintain localized data setup which will help in saving cost and time too. Installation and maintenance of NAS donâ€™t demand highly technical manpower. Almost any user can do this after knowing the process in details. This eliminates the need to maintain separate staff for NAS purpose. There are NAS solutions which come with automatic data backup facility so that the user need not keep track of the backup process.

As is evident from the above discussion, NAS devices are available with a range of features and benefits. Thus it is very important to know these in details before making the final purchase. Either you can browse online to know more about NAS or talk to local manufacturers.

Article Source:
http://www.articleside.com/hardware-articles/network-attached-storage-simplifies-data-backup-and-sharing-process.htm - Article Side

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Patricia Steven is a freelance writer who has touched on various topics like a network attached storage, network storage and cloud computing.

Article Keywords:
Network attached storage

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