

multiple attached storage

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Hello,

I am replacing a pair of SunFire V240 which run a WebShop (apache), as the CPUs are not fast enough any more.

The old configuration is one running, one in warm standby.

Network Traffic was up to 80 MBit/s, which was the limit on the firewall, too.

I have a pair of new SunFire T2000, new loadbalancer, new firewall.

I have one of them running the website now. The second can readonly access the filesystem of the website via NFSv4.

The pictures belonging to the website are on a different Server SunFire 280R with an additional external disk.

Now to the problems:

As the internal storage of the T2000 is very limited (4x 73 GByte)

I need an external storage array anyway.

I have quotes for different fibre channel arrays and a scsi array.

1) What I want to do is to have one filesystem mounted on both servers, which is accessed by both servers in parallel.

I want to have two (nearly) identical servers, so I can disconnect one of them for a software / hardware upgrade.

How do I attach the storage array on the filesystem side?

The salesman told me something, but was not very helpful on the software side.

I do not know which product I need, and I do not know the right words for what I want.

For the application I do not need a cluster in the "single system image" meaning (as described by Pfinster).

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I would very much like having an extra IP Address, which moves between the servers, but this could be done by the loadbalancer.

2) Alternatively I could use one of the V240 with internal disks or an external array as an NFS Fileserver.

But, when I configured CacheFS on the second T2000 it told me, that CacheFS and NFSv4 do not work with each other.

What is going on here?

3) Alternatively I could use a NetApp filer, or the Sun NFS Server.

Can someone direct me to some documents?

Regards
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