

What do I do about files that have been stored via XFS, if support goes away?

Can use FTP, but name won't be apparent

Number of files on a volume – contention and recoverability

2nd copy of such a tape is advisable, LANL running with local mod to restrict number of files on tape to some number of files. Change request pending

Part of the problem is developers don't know what solution will work for every site. Some talk of limiting number of files of small size on a volume, then only Allow larger files to fill the rest of the volume.

Density of tape increasing, any considerations on file aggregation to tape

We are considering third party solutions with HPSS and maybe a solution inside of HPSS

Is there a way to recover a bad 2nd copy

The recover util handles both the 1st or 2nd copy

Has anyone lost tapes/files

One site lost a file before 2nd copy on tape, another site has sent media to STK to recover. All-in-all, a couple problems over several years

How long does tape media last

Reference to national media lab website for information.

Any plans to make the LLNL hopper interface available

We don't know. Great interface, we think it would be a good idea. Jerry Shoopman offered to get you in contact with the "hopper" folks if you send Your email to him.

If you could rewrite a part of HPSS, what would it be

File aggregation

Are there plans to do dynamic device configuration

Yes, but we don't know exactly what is involved

Where are you at on SANs

We need to know what you want. Tape movers talk directly to disk devices. Security isn't quite there. Disk movers can talk to tape as well. Client talks Directly to the device it needs (open, read, etc.). Security is major concern. Cost is another concern.

How do you configure/restrict certain clients from accessing HPSS devices

In the SAN3P configuration file

Will SAN3P be offered in the HPSS baseline

In HPSS 6.1 on.

Will SAN3P help by increasing the number of tape devices on a single mover

The only thing SAN3P will buy you here is by reducing/eliminating TCP/IP processing or overhead associated with tape transfers.

Is it possible to set the HPSS system as read-only and make it part of the system (rather than a set of steps)

Set storage classes to read-only, ensure you don't run MPS or repack. Mention Of setting filesets to read-only as well.

Can you quiesce the HPSS system to pause system activity

Shutdown the core server is already possible, but we could make a new button That would stop and resume services. Also handy to shutdown the system for All but a few special users. Desire to have an integrated solution from application To the core server. Would be nice to specify exactly what you want disabled and Then be notified when the service is disabled.