

??OSSLab thx

?? block level and file level ??

1.File level ??Storage ??????????????????????  
?????host server???request?Storage system ???  
????????????????????Security???  
?????host server?  
?????Nas??file level???

2.block level  
SAN??Storage?????????  
??Host server???request command ,storage????scsi command  
??FC??IP?????host server????Host server  
ISCSI,FC ?block level

??SAN  
?SAN??,?? ( ??A, ??LUN A) ??????SAN?????  
???? 1 ??LUN A ?, ???????NTFS (? HFS+) ????.  
????? 2??LUN A ?, ?????????????NTFS. '  
?? 2????????????LUN A, ??????LUN A???????.  
????, ???????????, SAN ???????????

Sanfile system??????.?????????????????. ???lun  
????????

?????????.??Lun???.?NFS,Samba?????????  
??San file system??????????????

??sanfile system????

MelioFS  
<http://www.sanbolic.com/melioFS.htm>

IBM:  
<http://www-306.ibm.com/software/tivo...ducts/sanergy/>  
????????????????????SCSI command?

<http://www-306.ibm.com/software/tivo...ducts/sanergy/>

<http://www.ibm.qassociates.co.uk/sto...n-filessystem.\>  
htm

StorNext:  
<http://www.quantum.com/StorNext/>

SGI:

[http://www.sgi.com/products/storage/...e\\_systems.html](http://www.sgi.com/products/storage/...e_systems.html)

PolyServe:

<http://www.polyserve.com>

DataPlow SFS:

<http://www.dataplow.com>

Apple Xsan

<http://www.apple.com/xsan/>

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xsan ?client ??? us 999 ???san file system????\

??????? apple??

client???osx .???windows xp .???nextstor windows client driver .

??????meta server .metaserver??????????

???.

San File system ??????????..