



Name of Client : **Grey World Wide**

Segment : Advertising .

Environment : Microsoft Network (WINNT 4.0) x 2
- Authentication Server/ Data Server.
- Mail Server
- Win98 Client with MS office x 50

Requirement : Offload General Purpose Server / Client users Space .

Huge /Scaleable Storage space for three Department .(Programmer / Studio / Marketing) with Security .

Online editing to Data (video clips / Advertising Campaign)simultaneously.

Centralise storage for all video CDs / DVD.

Compatible with MAC OS in future.

Solution :

Fiscdch (1 x CD RW / 32 MB SDRAM / 2 X 75 GB / 4 X 40 GB HDD)
Upgraded to 288 MB SDRAM / 2 x 75 GB HDD / 4 x 120GB).

Installed two of 40 GB HDD as Mirror drive to store CDs / DVDs and remaining drives as File Drive to work on DATA online.

Created three partition for each department in File drive and assigned Read write option to member/ user of respective dept. and Read option to others.

Toggle the functionality of CD writer as Mirroring CD on to HDD and Burning CDs .

Benefits:

The FISC CDH provided simple, reliable, scalable and affordable storage system for enterprise. by just adding HDD as and when required.

The server is compatible with multiple OS, users does not have to worry about the compatibility problem / issues with MAC OS in future.

Only Respective Dept. can edit on the DATA whereas other dept can only view these data for their references . They can have log of all users accessing these DATA files within Fiscdch .



Name of Client : **HPCL**

Segment : Petroleum .

Environment : Microsoft Network (WINNT 4.0) x 2
- Authentication Server. / Mail server.
Sun Solaris OS x 1
- Data base server- Oracle
Win98 Client with Msoffice x 50

Requirement : Huge /Scaleable Storage space Independent of OS.

Offload General Purpose Server / Client users Space .

Online BACKUP as well as Offline Backup of Server

Backup of some of Desktop Data .

Solution :

Fiscdch (1 x Cdrum / 288 MB SDRAM / 1 X 80 GB / 5 X 40 GB HDD).

Installed 80 GB HDD as Mirror drive to store CDs of Application / Peripheral and remaining 5 drives as File Drive with Raid 5 Implementation.

Created three partition of Large size for two Sun solaris server and One Winnt server in File drive and 30 partition of 2 GB for clients Created a script with cron command to take dump of Oracle database on to these allocated space as per defined schedule time.

Installed Second Copy on to 20 plus nodes configured for taking Incremental Backup of Respective desktop on to partitioned File volume.

After Oracle dump , Offline backup are taken on to Cartridge Tape as part of Disaster planning.

Benefits:

Fiscdch is independent of multiple OS, users does not have to worry about the compatibility problem / issues with Winnt / Sun Solaris.

Fiscdch provides simple, reliable, scalable and affordable storage system.

Fiscdch provides Both Online Backup as well as Offline Backup.

Fiscdch partition allows the online expansion of Local Hdd size by mapping File volume partition and hence no need to upgrade the HDD size .



Name of Client : **MSBTE**

Segment : Education.

Environment : Microsoft Network (WINNT 4.0) x 2
- Database Server (Oracle) / Authenticate cum Data server.
Linux server x 2
- Mail server / Proxy cum Security server
Win98 Client with Msoffice x 20

Requirement : Huge /Scaleable Storage space Independent of OS.

Offload General Purpose Server / Client users Space.

Online BACKUP apart for their Offline Tape Backup of Server

Backup of some of Desktop Data .

Planning for DISASTER RECOVERY SITE in future.

Solution :

Fisccdh (1 x CD RW / 128 MB SDRAM / 4 X 40 GB HDD) .

Installed 40 GB HDD as Mirror drive to store CDs of Application / Peripheral and remaining 3 drives as File Drive with Raid 5 Implementation for redundancy.

Created Four partition of Large size for two Linux server and Two Winnt server in File drive and 10 partition of 2 ~ 5 GB for clients.

For Oracle server created a batch file which will do the oracle dumps using export command and once the export is over the backup file gets renamed using the utility namedate.exe. Now the batch file can be run at regular intervals using Windows NT inbuilt Task Scheduler.

Second copy takes care of Incremental Backup of Data server as per defined scheduled timings.

For Linux Servers fisccdh volumes were mounted on Linux machine and a script was written to backup the servers data to the Fisccdh. The script file was cronned to run daily at midnight.

Benefit :

1. Fisccdh provides simple, reliable, scalable and affordable storage system independent of Operating system.
2. It enables Centralized Online backup of all servers .
3. Due to centralization of Data , it enables us to Plan for Disaster Recovery site in future.
4. Solution allows them to keep dump / backup of previous days (as many days they want) online for analysis or incase current database gets corrupted .



Name of Client : **RBI**

Segment : Banking

Environment : Microsoft Network (WINNT 4.0) x 1
- Authentication Server. / Lotus Notes Mail server.
Win98 Client with Msoffice x 50

Requirement : Huge /Scaleable Storage space for Scanned Document.

Archival of lotus Notes server and relieve space from Existing winnt Server

Solution : Fisccdh (1 x CD RW / 288 MB SDRAM / 3 X 120 GB / 1 X 40 GB HDD).

Installed 40 GB HDD as Mirror drive to store CDs of Application / Peripheral and remaining 3 drives as File Drive with Raid 5 Implementation for redundancy.

Documents(pay slips / Refunds) were scanned and converted into digital format and indexed and stored onto Local HDD. Then these document can be viewed using search index software .

Installed E-console software on to the machine where Scanner is installed. and then offload space by mirroring in to Mirror volume and release the Local HDD space.

Created One Large Partition on Raid to store archival files of Lotus Notes.To enable that You have enable Transactional logging to Archival instead of Circular .(Pls note BRMS Get installed as Service for taking Incremental backup of lotus Notes).

Benefits : Fisccdh provides simple, reliable, scalable and affordable storage system.

Online archival system for their Mailing Application.

Off line Backup is also provided through CD-RW if require / as part of DR..



Name of Client : **Vividh Barathi**

Segment : Broadcasting.

Environment : Microsoft Network (WINNT 4.0) x 2
- Authentication Server. / Data base server- SQL 7
(Clustered via Legato Software)

Win98 Client with Msoffice x 10 with X-tract Editor
For editing /Mixing / processing songs.(wav files

Transmitting Wks (WIN98) retrieves song from SQL server on demand.
And broadcast it via VSAT (uplink Programmes)

Requirement : Huge /Scaleable Storage to store Appx 30000 songs with High redundancy

Offload General Purpose Server / Client users Space .

Online BACKUP as well as Offline Backup of Server.

Backup of some of Desktop Data .

Solution :

Fiscddh (1 x CD RW / 288 MB SDRAM / 3 X 120 GB / 1 X 40 GB HDD).

Installed 40 GB HDD as Mirror drive to store CDs of Application / Peripheral and
remaining 3 drives as File Drive with Raid 5 Implementation for redundancy.

Created a one full partition within File volume for storing ever increasing Songs.(30 k).

Configured under SQL server to redirect the path to Fiscddh using UNC path name so that
Whenever wks /client send a query to SQL server , it searches in the Fiscddh volume.

Take offline Backup on to CD -RW once programme is Broadcasted via satellite to relieve
space on server.

Benefit : It enables Centralized storage of large nos. of songs

It provides a Highly scalable / affordable storage solution.

It provide Online editing of their Songs / Programmes.

Fiscddh provided offline backup through CD-writer functionality.