

Viamed Server backup procedure

AS @ Jan 2010

VMSERVER5 is the Live server – Contains all files including the Goldmine Files

VMSERVER6 is the Live Backup Server,

Vmserver6 self sync's to vmserver5 at midnight each day,

to take complete backup off site,
log into VMSERVER6 (username derek, password *numbers)
type into the console
sudo /home/network/viamed.scripts/./vmserver6daily.sh
sudo /home/network/viamed.scripts/./vmserver6daily2.sh
sudo /home/network/viamed.scripts/./vmserver6daily3.sh
sudo /home/network/viamed.scripts/./vmserver6tdrive.sh

This will generate compressed files on the backup server of Last nights Live system,
[\\vmserver6\gzip\](#)

copy off all files.

Viamed Servers, 3 Main Servers:

- 1/ VMSERVER2
- 2/ VMSERVER1 On a rolling basis currently N0.5
- 3/ GOLDMINE

Each evening at roughly 11pm, VMSERVER2 Mirrors all files to VMSERVER1 GOLDMINE Mirrors Changes to VMSERVER1

Each morning a copy of VMSERVER1 is Taken via External Hard Disk

External Hard Disk is taken off site each day.

And data files from the external drive are copied to a PC Offsite.

Month END data is stored both on the external Drive and the remote site.

Event of small failure of files:

All accidental deletes / small corruption is quickly fixed by recovering the files from VMSERVER1,

Event of Server Failure:

VMSERVER2 is removed and VMSERVER1 becomes the main server.

Goldmine server would then become backup server while VMSERVER2 is replaced.

Periodically:

The current 'LIVE' Server is updated with a new server and the live server becomes the backup server.

Other Copies of files,

Goldmine is synchronised regularly as working copies on Derek / John / Steve Nixons Laptops.

OperaUK is routinely updated on Derek Laptop,

OperaUK is (semi) routinely updated on Steve Nixons Laptop.

PAPERport files are updated to John's laptop and Johns external system at seahouses after major updates.

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NOTE 1:

To Swap servers limited LINUX/SAMBA knowledge is required (base level only)

A copy of Smb.conf config file to control pc shares is top level in both Vmserver1 and Vmserver2.

Should anything happen to Derek and the servers fail smb.conf file will be enough to get any linux/samba capable person to be able to get the system going again.

NOTE2: CLIENTS

There should be no files stored locally on ANY pc other than servers except for short term reasons. No backups are taken of any files in the building except for the servers.

All clients are 'Dumb terminals'

Running \\vmserver2\operauk\dmap.bat will setup a new windows installation ready for use on the network:

Supplementary programs:

Paperport Reader only

Microsoft word office PC's only

Will also need to be installed on clients

Contents of Servers:

VMSERVER2 (Linux) Files Stored in:

\\home\network\:

ARCHIVE

Drivez

Export

Managers

Operabu

Operaok

Operaire

Operavan

Paperport

Paperportprivate

Testopera

Updatepp

Usersopen

\\srv\w~w\htdocs\

ALL the intranet files (web pages server via apache to the network)

Contents of VMSEVER1 Files Stored in:

\\home\network\:

ARCHIVE

Drivez

Export

Managers

Operabu

Operaok

Operaire

Operavan

Paperport

Paperportprivate

Testopera

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Updatepp
Usersopen
Apps (goldmine backup)

\srv\www\htdocs

ALL the intranet files (web pages server via apache to the net work)

Contents of Goldmine

\home\network

apps (goldmine files)

Contents External Drive:

Viamed Backups Year end 2003

Viamed Backups Year end 2002

Network (latest backup files)

THEN typically the previous 6 months folders

01082004 (july month end backup)

01072004 (june month end backup)