

Viamed Server backup procedure

AS @ May 2017

VMSEVER7 is the Live server – Contains all files including the Goldmine Files

VMSEVER8 is the Live Backup Server,

Vmserver7 self sync's to vmserver8 at midnight each day,

to take complete backup off site,

[\\vmserver8\network\network_extended\offsite](#)

These are highly compressed 4GB files of all the main files on the server.

Copy them off onto one of the 2 SSD backup remote drives.

Never Plug Both drives into the network at the same time

Alternate which to use each time an offsite backup made.

Any suspect SSD drive, buy a new one and start again

Viamed Servers, 3 Main Servers:

Each evening at roughly 11pm, Live server Mirrors all files to Live Backup Server

Periodically a copy of Live Backup Server 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 Live Backup Server,

Event of Server Failure:

Depending on the situation

Live server is removed and Live Backup Server becomes the main server.

OR

The Backup server data is copied across to vmserver7_dev server.

Vmserver7 Live is removed from the network

VMserver7Dev renamed vmserver7

Data integrity checked

Carry on.

Build a new vmserver7_dev and clone completely vmserver7 to it

Periodically:

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

Other Copies of files,

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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'

Z:\ZZVIAMED_PC_FILES\Downloads contains enough files to get any client running network:

Supplementary programs:

Instructions for a new server can be found in the work lists admin, server rebuild task