



Disaster Recovery made simple

DataCore's cost-effective solutions make DR simple and practical and within the reach of any organisation, no matter how small. SANmelody software converts a Windows-based server or VM into a "Disk Server" whose added disk capacity (Local or SAN) and data protection features are accessible by application servers (email, web, database etc) over an Ethernet LAN or Fibre Channel SAN. From a DR perspective, the Disk Server may be configured to automatically and transparently replicate critical data from any of the servers to one or more of ITopia Solutions co-location facilities. This is enabled through the SANmelody Asynchronous IP Mirror (AIM) Replication feature. Replication is also available through the AIM Client, used to protect single server instances, such as Microsoft SBS Server 2003.

How does it work?

Our managed secure VPN service is utilised to securely connect our co-location facility with your site. Replication of data is fully automatic and, once initial synchronisation is complete, only changes to the data are transmitted, keeping network traffic (and transmission costs) to a minimum.

One of the major advantages of the SANmelody approach is that, unlike host-based solutions, the replication of data is focused on and performed by collaborating SANmelody Disk Servers. This means that there is no need to install resource-hungry and costly software on each of your business servers.

Should disaster strike one of your critical servers, or application data corruption occur, you can be confident that the remote replica of your data can be used for recovery purposes. This can be achieved in many ways. The simplest is to combine asynchronous replication with SANmelody's Snapshot option to capture point-in-time images at the remote site that you can fall back to.

Who should consider this solution?

ITopia Solutions finds that the DataCore solution is a perfect fit for customers who have already made a significant investment in Fibre Channel infrastructure, and are looking for cost-effective replication solutions over IP. It also appeals to customers with Fibre Channel or iSCSI arrays who do not have the option to replicate internally.

Replication is fully monitored by the ITopia Solutions NOC (Network Operations Centre) who also provide 24/7 first line support and call logging. Through our sister company ITopia Consulting, we can also provide trained DCIE (DataCore Implementation Expert) services such as design for the larger environments. Full 24/7 product support is also provided by DataCore (This can be fully managed by ITopia Solutions).

A FRESH APPROACH