

## Comparison

### AutoVirt and NetApp Virtual File Manager (VFM)

AutoVirt tiering software provides a single point of management for distributed storage. Like VFM, AutoVirt enables data migration, tiering, and replication across multivendor NAS devices. AutoVirt also provides a unified disaster recovery and high availability solution: AutoVirt can facilitate automated failover between NetApp SnapMirror replicas or between non-NetApp storage devices.

AutoVirt uses file virtualization technology to separate file access paths from the physical location of networked files. A highly-available global namespace provides client referrals to networked files and simplifies management by providing a single view of shares across the network.

Installation of the AutoVirt global namespace is automated – unlike VFM, it does not require a Microsoft DFS implementation. AutoVirt can be used to manage existing DFS or VFM namespaces.

	CAPABILITY	VFM	AutoVirt
FILE VIRTUALIZATION	Automated filer survey and global namespace creation		✓
	Namespace management	✓	✓
DATA MIGRATION	Windows (CIFS)	✓	✓
	UNIX (NFS)	✓	Q4 2010
MULTI-SITE MANAGEMENT	Unified view of distributed storage	✓	✓
	Replication	✓	✓
DISASTER RECOVERY & HIGH AVAILABILITY	Automated failover across multi-vendor NAS		✓
	NetApp SnapMirror Integration	✓	✓
ARCHIVING	Folder-level archiving	✓	✓
	Device-agnostic file-level archiving		✓
	NetApp SnapLock integration		✓