

DCIG Scores and Rankings

TOTAL	Technology	Management	Back-up	Restore	Support
93*	20	31	20	10	8
RECOMMENDED	EXCELLENT	EXCELLENT	BEST IN CLASS	BEST IN CLASS	EXCELLENT

* Total includes other scores not shown

BACKUP	SUPPORTED	UNSUPPORTED
Image-based	✓	
File-based	✓	
Snapshot	✓	
Mirrors	✓	
Differentials	✓	
Continuous Incrementals	✓	
Application-level	✓	
Incrementals for only changed disk blocks	✓	
Takes images at pre-set intervals	✓	
Backup multiple VMs on same physical host	✓	
Replicates data to another VM, and backs up the replicated, rather than the original VM	✓	
Number of possible concurrent backups	Unlimited	

RESTORE	SUPPORTED	UNSUPPORTED
Virtual to Physical (V2P)	✓	
Physical to Virtual (P2V)	✓	
Object-level	✓	
Restores individual files directly to a guest VM in a single step	✓	
Restores single files from snapshots	✓	
Replicates backup data to disk at a remote site	✓	
Use VCB to create crash consistent copies	✓	
Run backup and restore concurrently	✓	
Restores files to make disk backups before writing to tape	✓	
Mass restore capability to restore multiple VMs in a single pass	✓	
Create a separate partition to restore to for testing	✓	
Restores a full disk backup without alternate location	✓	
Can restore a VM image as a different name	✓	
Mass assign in single restore step the same data stores/switches to all VMs	✓	

TECHNOLOGY	SUPPORTED	UNSUPPORTED
Virtual server operating system platforms supported	Citrix XenServer Microsoft Hyper-V VMware ESX VMware ESXi VMware vSphere	
Other operating systems supported	Most*	
Natively available as a bundled backup appliance from the software vendor		✓
Certified on VMware's vStorage API for Data Protection (VADP)	✓	
Integrates with VMware's VCB (VMware Consolidated Backup)	✓	
Use VMware's Change Block Tracking (CBT)		✓
VMware's vCenter integration	✓	
VMware vCenter Converter integration	✓	
Other VMware-provided backup utilities	✓	
Microsoft's Volume Shadow Copy Service (VSS) integration	✓	
Continuous access to files during file-based backups	✓	
Continuous access to files during image-based backups	✓	
Continuous access to files during full backups	✓	
Continuous access to files during snapshot backups	✓	
Continuous access to files during mirror backups	✓	
Continuous access to files during incremental backups	✓	
Continuous access to files during differential backups	✓	
Virtual server snapshot technologies supported	✓	
Backs up at hypervisor level without client on each guest OS	✓	
Metadata query of MS VSS writers resident		✓
Automated command line scripting	✓	
Deduplication	✓	

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MANAGEMENT	SUPPORTED	UNSUPPORTED
Detects and Alerts on servers backing up significantly more data than usual	✓	
Provides visibility to where active snapshots reside	✓	
Send or redirect notifications to the user	✓	
Option of including or excluding backup of VMs powered off	✓	
Can this backup software be instructed to skip deleted data	✓	
Automatically discover new guest VMs	✓	
Auto discover and backup files or DBs by machine	✓	
Notification of backup pass or fail	✓	
Identify VMs & auto-apply policies and report their backup state	✓	
Trending to show tape throughput numbers	✓	
Trending of disk system throughput	✓	
Monitor and alert tape libraries approaching capacity		✓
Monitor and alert if disks approaching capacity	✓	
Trending to show VM backing up more data than usual	✓	
Detect and alert on concurrent backups	✓	
Allow concurrent backups	✓	
Allow the user to prohibit concurrent backups	✓	
Ability to limit the number of concurrent backups	✓	
Concurrent backups can be multiplexed to a single tape drive	✓	
Concurrent backups can be multiplexed to a single disk drive		✓
Auto Share resources and dynamically allocate work	✓	

MANAGEMENT (CONT'D)	SUPPORTED	UNSUPPORTED
Allow the user to schedule backups	✓	
Option to create a single archive for each VM	✓	
Option of creating a separate archive for each VM	✓	
Virtual appliance for single point of backup for remote locations	✓	
Progress bar or other continual visual feedback	✓	
Server prioritization by time since last backup	✓	
Host level use agentless backup	✓	
Auto report on fails	✓	
Auto report on escalation procedures		✓
Missed backups cause Resume Producing Event (RPE)	✓	
Organize backups to avoid resource overuse	✓	
Data verification of the backup	✓	

SUPPORT	SUPPORTED	UNSUPPORTED
Remote diagnostic capability offered	✓	
Self-installable software	✓	
On-Site		✓
Phone	✓	
Email	✓	
Online interactive chat		✓
Online form	✓	
Knowledgebase	✓	
User forums	✓	