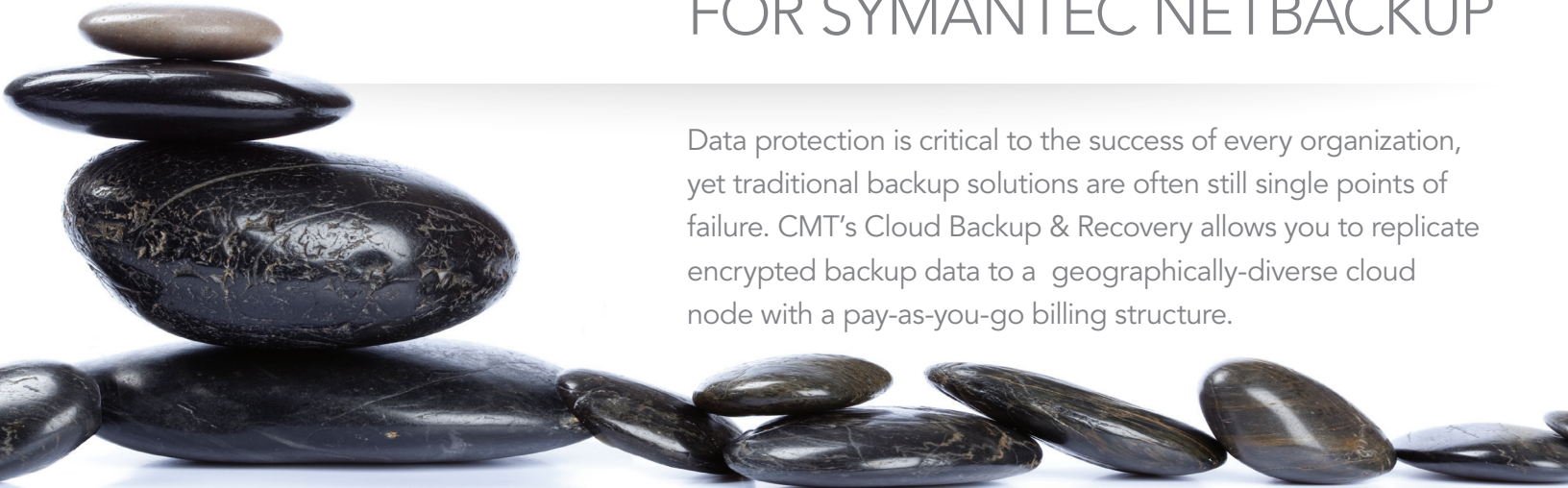




CMT CLOUD SOLUTIONS ENTERPRISE CLOUD BACKUP & RECOVERY FOR SYMANTEC NETBACKUP



Data protection is critical to the success of every organization, yet traditional backup solutions are often still single points of failure. CMT's Cloud Backup & Recovery allows you to replicate encrypted backup data to a geographically-diverse cloud node with a pay-as-you-go billing structure.

Gain peace of mind

Are you confident that you can easily recover from a disaster, outage, or accidental deletion? Seven global cloud nodes put at least 500 miles between your production servers and backup data.

Reduce IT Costs

Pay for storage as you use it, and leverage de-duplication for greater retention with less storage. CMT monitors your environment to ensure that your data is being backed up and replicated.

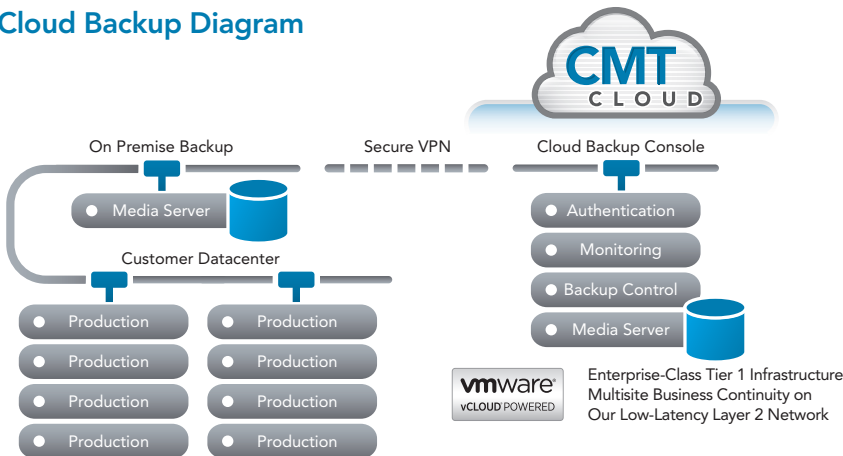
Improve Security

Data is encrypted in transit and at rest, using keys that only you control and maintain.

Improve Flexibility

Scale up or down as needed. Set separate retention policies for on-site and cloud backup data. Works with both Symantec NetBackup software and appliances.

Cloud Backup Diagram



USE CASES

Backup Data Replication: Leverage Symantec NetBackup everywhere to maintain on-site backups for short-term/single file restores, and put longer-term archives in the cloud. Regular test restores, data encryption, and unlimited streaming restoration (WAN) included.

Disaster Recovery: Optional ability to allocate CMT node resources to recover your business critical servers to the cloud in case of a site-wide failure.




Why CMT?

- Aggregated performance — without capital expense — that only an infrastructure of our magnitude can provide.
- TRILL-based patent-pending Layer 2 topology simplifies deployment of your global cloud network.
- Secure VPN connection from your premise to our cloud enables improved security, redundancy, and reliability.
- Data centers spanning six geographies worldwide put at least 500 miles between your production and disaster recovery sites.
- Symantec Data Protection with NetBackup Specialist Partner, Symantec Partner of the Year, and Symantec Services Partner of the Year

CMT CLOUD SERVICES | INFRASTRUCTURE | BACKUP & RECOVERY | CONTINUITY | MESSAGING



CLOUD BACKUP & RECOVERY TECH SPECS

	Compute Environment		Open Compute 2.0 Intel E3, E5 sleds; all solid state including boot	E3: 1x4 3.2 GHz core, 32GB RAM E5: 1x8 2.6 GHz core, 32-128GB RAM E5: 2x8 2.6 GHz core, 64-256GB RAM
			Open Compute 2.0 AMD 6300 series sleds; all solid state including boot	2x16 2.1 GHz Core 32-128GB RAM
	Data Center Environment	Compliance	SSAE 16 SOC 1 and 2 Type II, HIPAA, PCI	
		Environmental	N+1 (or better) redundancy for power and cooling	A B + C AC power circuits N+1 fan and power supply minimums
	Networking	Host Network	Redundant connections for isolated storage, interconnect, and application networks	Native dual 10 Gbps; active-active to host
		Network Fabric	High performance distributed core 10 Gbps technology	600 nanosecond port-to-port latency Non-blocking fabric
		Storage Fabric	Redundant, high-performance connections with optimized path to hosts	Up to 40 Gb per storage node Low-latency IP transport
	WAN	Carrier	14-carrier blend of Tier 1 and Tier 2 providers, dynamic routing and peering provides sub-40ms latency coast to coast	
		Interconnect Fabric	TRILL-based (Transparent Interconnection of Lots of Links) patent-pending layer 2 network topology	.3 ms convergence Any subnet anywhere, multi-tenancy Virtual Routing Forwarding (VRF)
	Host Virtualization		Licensed monthly based upon consumed RAM	VMware vCloud Director, vCloud API VMware vSphere Enterprise Plus VMware vShield, vShield Edge
	Backup Storage	NetApp	SAN attached 7.2K SATA disk for high availability and flexibility	
			1,500 IOPS per volume	
		NetApp Features and Protocol Support	RAID DP, WAFL, VSAN, clustered Data ONTAP®, associated features, multi-pathing	File Protocols: NFS Block Protocols: iSCSI
	Backup Software	Symantec	Symantec NetBackup 7.5 w/AIR and Data Protection Optimization	
			Capacity- or server-based licensing model	Enterprise Admin Console for managing on-prem and cloud
	Options		Secondary data center for disaster planning	
			Fully-managed backup and restore services	
			Data disk for restores too large for WAN	
			On-site client/agent licenses	