ReGen: Hybrid Cloud

What is Hybrid Cloud?

"Hybrid cloud," in the context of this white paper, refers to a data protection architecture that combines on-prem and off-prem disaster recovery as-a-service deployment models. The on-prem component of a hybrid cloud deployment may or may not utilize virtualization. It may also be managed remotely by an MSP (Managed Service Provider), rather than by the Small and Medium businesses' (SMB) own IT staff. The on-prem component of the architecture involves backing up data locally to a backup/disaster recovery appliance—while also performing deduplication, compression, file conversion and other operations as part of the backup process. These operations reduce consumption of on- and off-site storage resources, minimize bandwidth requirements and compress both backup and restore times. The offprem component of a hybrid cloud is typically provided on an as-a-service basis to the SMB, which means that the SMB does not have to bear the responsibility of managing it— and can pay for it on a subscription basis. The use of the cloud also eliminates many operational responsibilities and provides powerful economies of scale.

Also, the cloud replicates data to multiple locations to ensure recoverability even in the event of the most extreme local disaster. The result is a data backup, disaster recovery and business continuity solution that is second to none in terms of reliability, cost efficiency and RPO/RTO capabilities.

ABOUT REGEN

ReGenerating Solutions (Regen) has been providing technology solutions and services since 1983. ReGen is dedicated to offering quality technology solutions including Hardware and Network Design, Data Backup and Recovery, Dark Web Monitoring, Phishing Simulation Training, Phone systems as well as HelpDesk services..