

How one company solved their backup storage issues

Cynny Space combined with Veeam offers the possibility to simplify backup of virtual machines reducing storage costs and complexity.


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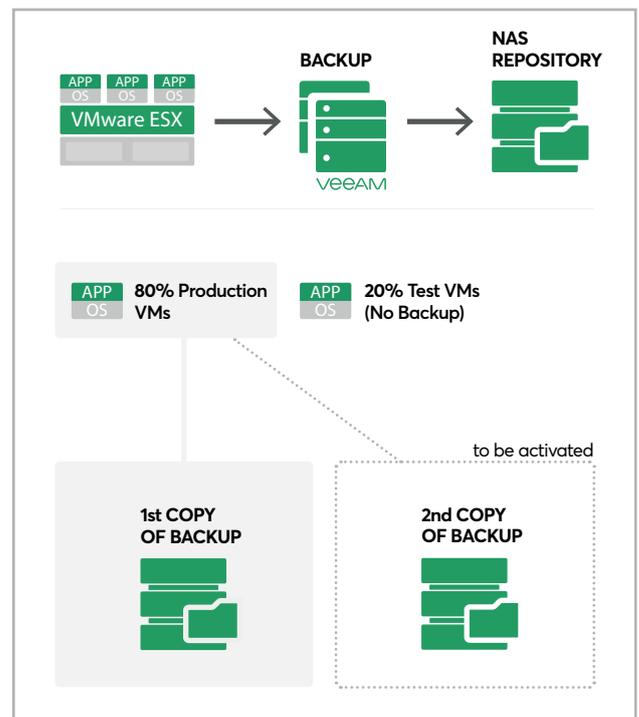
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Backup

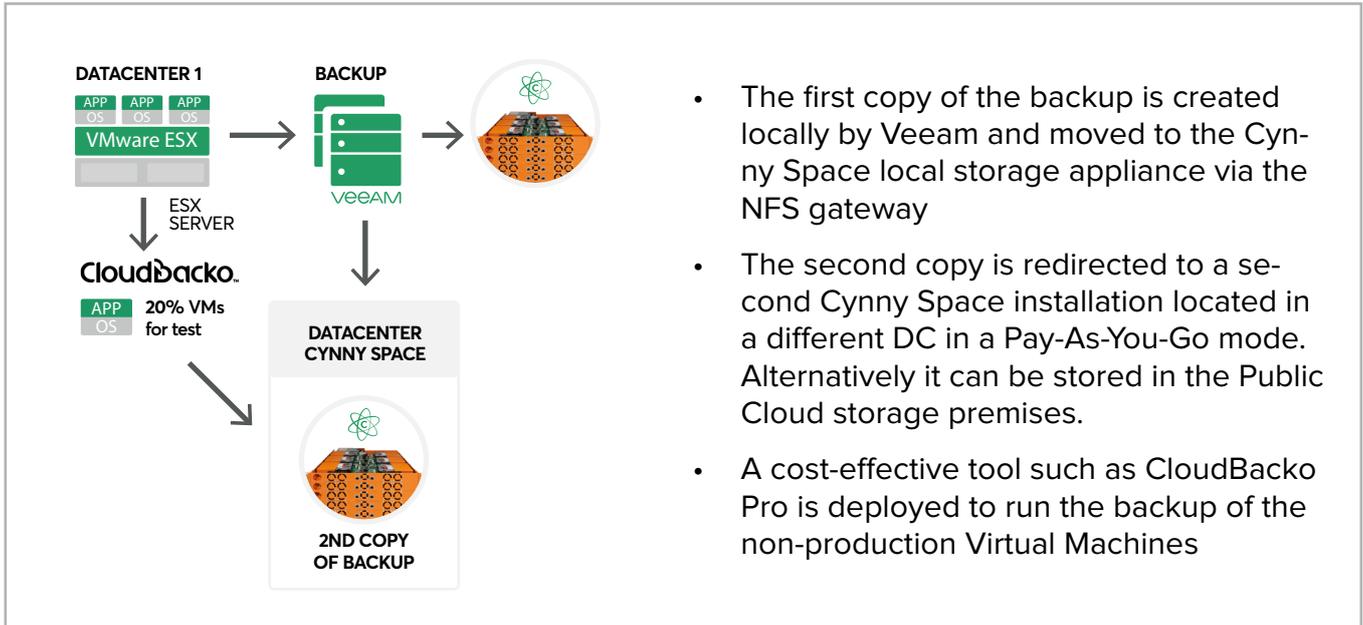
Client Challenge

The customer is a systems integrator managing various virtual machines for his customer, mainly their backups and archiving systems. He currently uses Veeam to provide backup and replication copies for on-premises repositories (NAS). Overall he is operating 100 virtual machines and needs a cost-effective, highly reliable, scale-out storage solution for data files due to the fact the customer's backup capacity requirements are growing quickly and his NAS is expensive to scale. Offsite he would add considerable cost and is required by the GDPR. Due to budget concerns, the clients don't back-up the 20 testing VM's at all. The customer would like to follow Veeam's 3-2-1 rule and he is looking to find a cost-effective backup solution for the 20 testing VM's.

Current setup



Final setup



- The first copy of the backup is created locally by Veeam and moved to the Cynny Space local storage appliance via the NFS gateway
- The second copy is redirected to a second Cynny Space installation located in a different DC in a Pay-As-You-Go mode. Alternatively it can be stored in the Public Cloud storage premises.
- A cost-effective tool such as CloudBacko Pro is deployed to run the backup of the non-production Virtual Machines

Results

VEEAM and Cynny Space permit the customer to increase the level of security and stay within budget restraints whilst abiding the 3-2-1 data security rule.

Once integrated with Veeam and other backup softwares, Cynny Space's tech-

nology helped to manage effectively the ever-growing need of storage. Data is stored with the maximum level of durability 99,999999999% and flexibility is assured by the microservers.

Cynny Space solution

Cynny Space is an S3 compatible object storage solution that simplifies and fortifies data management. Thanks to the innovative ARM® based file-system, it can grow rapidly to abide any growth without reconfigurations or downtime. Scalability is on all factors: costs, power and bandwidth grow linearly as more nodes are added to the storage.

The solution also comes with full maintenance included as the SwARM file system is designed to sustain and repair any hardware failure. On top of that, the unprecedented energy saving delivered by the ARM® microservers reduces the electricity bills. The direct and indirect saving make Cynny Space's storage a great solution for the very competitive Backup market.

Key Benefits

- Multi-protocol storage access: S3 APIs, NFS, SMB
- Client saves more than 50% compared to increasing his NAS storage
- Veeam 3-2-1 rule compliant
Indirect **costs reduced**: maintenance, electricity and system administration
- No maintenance intervention
Infinitely scalable, just add nodes and linear cost growth