

Backups topic from IT at PAC
3/09/2016

Dr. Scroggins,

As promised, here is an email summary of our findings that led us to deploying Veeam to back up virtual machines in IT. The last component is to acquire cloud storage that works with Veeam.

I asked Jeff Holden about the CCC offering of cloud storage around November 2014, and we talked about how it was not good deal at the time. The solution was offered by Terramark and Verizon required running an on premise server for every 2tb of storage in addition to \$.64/gb per month for cloud storage. From what I've heard, three schools did demos of it with less than stellar results.

The CCC led by Tim Calhoun are now looking at NetApp's AltaVault. It requires an on premise physical or virtual appliance that has a one-time acquisition and annual licensing costs. The cloud storage piece is offered by Amazon AWS for \$.05/gb, but they also charge for data transfer fees that range between \$.01/gb to \$.09/gb depending on size, availability, and datacenter location. The pricing and benefits are better with this solution as opposed to the first, but still not where I'd like to see it.

AltaVault - <http://www.netapp.com/us/products/protection-software/altavault/>

Amazon AWS Transfer Fees - <http://aws.amazon.com/ec2/pricing/#DataTransfer>

I'm looking at a solution that uses our existing installation for cloud backup to a Veeam cloud partner. I was able to negotiate the price with Newcloud down to \$.10/gb all inclusive, with Disaster Recovery environments free for 14 days. I'm still waiting to start the demo of their services.

<http://newcloudnetworks.com/cloud-solutions-provider/veeam-cloud-connect>

If you have questions, comments, or friends in IT that have gone through this already, let me know.

Thanks,

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