Case Study
Tintri VMstore

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What is our primary use case?

We implemented Tintri VMstore on our environment for storage management, and we deployed all our VMs on Tintri.

We were looking for a solution that was easy to manage and easy to implement.

In the past, we faced a performance bottleneck with our storage, and we have had instances when NFS mount points got disconnected by themselves.

Tintri has provided us with stability and faster speed. We were also looking for a solution that is compatible with our existing Hypervisor environment, and Tintri has fulfilled that requirement.

How has it helped my organization?

Tintri VMstore has superior performance. It provides us with up to 30% faster performance than our old storage solutions.

The T7000 series of VMstore has the capability to forecast resource requirements and capacity. Tintri VMStore has a unique filesystem that can manage performance and help us to oversee workloads.

We have been able to scale up to ten VM storages and 500 VMs through a single pane of glass. That is a big plus for using the Tintri solution. Tintri is easy to automate using Powershell and Rest API.

What is most valuable?

We have found better performance, predictive analysis, and ease of use, and it supports site-to-site replication.

Tintri VMstore provides a single pane of glass to manage all your VMs and hypervisors, it is very easy to scale.

Automation comes naturally in Tintri using simple PowerShell and REST API.

The faster performance of Tintri has reduced latency across our network, storage, and VMs. We now have more visibility across our VMs which has enhanced our user experience and helped accelerate deployments.

What needs improvement?

Tintri has a feature called Tintri Global Center, which helps to monitor and control our infrastructure with a single click. This works fine if you want to look at existing data, however, if you want to monitor dynamically with a granularity of seconds that it requires a connection back to Tintri central, which is an extra step and not so convenient to use. Also, we have noticed that while Tintri has improved our infrastructure performance by 30%, the performance drops significantly if we exceed SSD capacity.

Following additional features, we would like to see in the new release:

1. The fixing of the performance issue when we exceed SSD capacity.

2. Documentation support in major languages besides English (as we have teams spread out across multiple countries).

3. Having a one-click GUI to create snapshots of the storage.

4. Detailed reporting is missing in the current version. We would like to see this feature added in a new release.

For how long have I used the solution?

We have been using Tintri VMstore for more than one year.

What do I think about the stability of the solution?

Tintri VMstore provided us up to 99.99% scalability.

What do I think about the scalability of the solution?

We have been easily able to scale from 100 to 500+ VMs using Tintri VMstore; we have had no challenges scaling up while using Tintri VMspot

Which solution did I use previously and why did I switch?

We were using HPE Nimble Storage earlier, and

we were looking for a better-performing solution with a faster processing speed and a single pane of glass management.

What's my experience with pricing, setup cost, and licensing?

As it is a flash array storage, it is much more expensive than a traditional disk-based storage system.

Which other solutions did I evaluate?

We did evaluate the following options before finally settling on Tintri VMstore:

1. PureStorage

2. Dell PowerStore

3. Dell Unity

Which deployment model are you using for this solution?

Hybrid Cloud

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