

The 5 Things Every IBM Power Customer Using Data Domain Needs to Consider

Most organizations today have hybrid cloud environments. Some applications and data are kept on-premises, while others are in the cloud. The migration to the cloud has been continuing to ramp up for many organizations. For IBM Power customers currently using Data Domain appliances leveraging deduplication to lower their storage footprint, there are five key things to consider as licenses may be coming up for renewal soon.

1. Data Domain is primarily an on-premises centric solution.

In today's hybrid cloud world, moving more applications and data to the cloud will most likely occur, so organizations need to reconsider the use of their current Data Domain appliances moving forward. Investments, especially with hardware renewals, should keep in mind future endeavors which might include cloud or simply flexible options for something that is always constant - change. Virtual tape libraries, like FalconStor StorSafe VTL (Virtual Tape Library), can provide the data deduplication that a Data Domain appliance was primarily leveraged for use, as well as provide the extended flexibility to more looking ahead. For example, helping with migrating and protecting the stored data to the cloud easily.

2. Native IBM PowerVS cloud support is not available on Data Domain.

As primarily an on-premises centric solution, Data Domain does not have native cloud support for IBM PowerVS support. So current IBM Power customers using Data Domain appliances for storage have limited options moving forward. However, FalconStor StorSafe VTL is certified by IBM for PowerVS. StorSafe can easily protect the data on IBM Power on-premises or PowerVs in the cloud – and to anywhere else for that matter, disk, or tape. IBM Power implementations on Data Domain coming up for renewal can take advantage of transitioning to StorSafe VTL to take advantage of the native cloud support in PowerVS and other cloud solutions.

3. Data Domain has multiple points of failure for security attacks as a standalone device.

StorSafe VTL provides air-gapped and immutable backups to protect against cyber and ransomware attacks with provisioning Write-Once-Read-Many (WORM) virtual tapes and integration with IBM Cloud Object Storage (COS). StorSafe VTL encrypts data in motion and at rest using AES256 with StorSafe VTL managed keys. Data Domain can have multiple points of failure and vulnerabilities as a hardware only solution.

4. Data Domain offers no flexibility in hardware.

StorSafe VTL can virtualize any type of storage to save on storage costs as a software solution. Whether the data is on disks, in the cloud or even on tapes, StorSafe VTL can work with your existing backup and recovery to manage your organization's data to provide flexibility for growth and planning. StorSafe VTL enables flexibility rather than being tied to the disks within the Data Domain appliance and infrastructure, limiting data movement to any form of media. StorSafe provides deduplication, saving up to 95% in storage costs as well too.

5. Data Domain cannot manage tapes.

As a VTL, StorSafe VTL can manage data whether it is on disk, tape, or the cloud. StorSafe VTL protects and manages tape which certainly cannot be done with a disk storage appliance. Why not invest in a product that can provide more options for protecting your data?

That makes five!

The biggest factor to consider is how easy it is to convert your Data Domain data over to StorSafe VTL to take advantage of the added flexibility and features of a VTL solution. It is as simple as creating a new virtual tape library within Data Domain and moving all the data to it. StorSafe VTL simply needs to discover the new library and drives from the Data Domain appliance and import the data! Invest in your future. Leverage the power of integration and certification with IBM PowerVS!

Contact FalconStor: <https://www.falconstor.com/contact>

An IBM-certified version for PowerVS, StorSafe VTL for PowerVS, is fully integrated into the IBM Cloud Catalog with one-click provisioning and integrated billing with PowerVS.

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