Key Differentiators between the HPE StoreOnce 5650 and Dell EMC Data Domain 9300 Systems

Companies have introduced a plethora of technologies into their core enterprise infrastructures in recent years that include all-flash arrays, cloud, hyper-converged infrastructures, object-based storage, and snapshots, just to name a few. But as they do, a few constants remain. One is the need to backup and recover all the data they create.

Deduplication appliances remain one of the primary means for companies to store this data for short-term recovery, disaster recoveries, and long-term data retention. To fulfill these various roles, companies often select either the HPE StoreOnce 5650 or the Dell EMC Data Domain 9300. *(To obtain a complimentary DCIG report that compares these two products, follow this link.)*

Their respective deduplication appliance lines share many features in common. They both perform inline deduplication. They both offer client software to do source-side deduplication that reduces data sent over the network and improves backup throughput rates. They both provide companies

with the option to backup data over NAS or SAN interfaces.

Despite these similarities, key areas of differentiation between these two product lines remain which include the following:

1. *Cloud support.* Every company either has or anticipates using a hybrid cloud configuration as part of its production operations. These two product lines differ in their levels of cloud support.
2. *Deduplication technology.* Data Domain was arguably the first to popularize widespread use of deduplication for backup. Since then, others such as the HPE StoreOnce 5650 have come on the scene that compete head-to-head with Data Domain appliances.
3. *Breadth of application integration.* Software plug-ins that work with applications and understand their data formats prior to deduplicating the data provide tremendous benefits as they improve data reduction rates and decrease the amount of data sent over the network during backups. The software that accompanies the appliances from these two providers has varying degrees of integration with leading enterprise applications.
4. *Licensing.* The usefulness of any product hinges on the features it offers, their viability, and which ones are available to use. Clear distinctions between the HPE StoreOnce and Dell EMC Data Domain solutions exist in this area.
5. *Replication.* Copying data off-site for disaster recovery and long-term data retention is paramount in comprehensive enterprise disaster recovery strategies. Products from each of these providers offer this but they differ in the number of features they offer.
6. *Virtual appliance.* As more companies adopt software-defined data center strategies, virtual appliances have increased appeal.

In the latest DCIG [Pocket Analyst Report](), DCIG compares the

HPE StoreOnce 5650 and Dell EMC Data Domain 9300 product lines and examines how each well these two products fare in their support of these six areas in which DCIG looks at nearly 100 features to draw its conclusions. This [report](#) is currently available ***at no charge for a limited time*** on DCIG's partner website, TechTrove. To receive [complimentary access to this report](#), complete a registration form that you can find at this [link](#).