DELL Technologies

Dell PowerProtect DP Series Appliance vs. Commvault HyperScale X Appliance

PowerProtect DP Series Appliance v2.7.1

Continuous Fault Detection and Healing
Data Domain Data Invulnerability Architecture (DIA) combined with self-healing automatically ensures the integrity of backup data on a continual basis. Errors can also be corrected through self-healing.

Efficient Single Deduplication Database
Massive data reduction and source side deduplication ensures that data is efficiently utilized, using less storage, reducing costs and improving performance with a single deduplication storage database.

Support for Daily Full Backups
Every backup is a full backup, which eliminates the need for incremental backups and results in an easier choice for data recovery.

Scalable, Integrated Appliance solution
Complete solution from a single vendor. PowerProtect DP Series Appliances scale from 8TB to 1PB of usable capacity and includes servers, storage, and the necessary support which is all provided by Dell Technologies.

Automated Proxy Deployment
Proxy Deployment Manager assists Administrators with Deploying and Managing Proxies in vCenter environments.

Ransomware Protection
Cyber Recovery CyberSense's ability to directly scan inside backup images allows for content to be analyzed without the need to rehydrate the data.

Commvault HyperScale X Appliance v2.2

Periodically Performs Health Checks
Optional Health Checks are applied to select backup jobs on a fixed schedule. When a Data Verification Job completes with an error the Data Verification has failed, and the Backup Job Status is marked as BAD on the Source Copy and the data is not restorable.

Deduplication Scaling requires Multiple Deduplication Databases
As the Deduplication Database is scaled, creation of a Storage Policy results in the creation of separate Deduplication Databases to accommodate Virtual Machines, Databases and File System agents. Multiple deduplication database can result in lower deduplication performance when compared to a single, global deduplication database.

Multiple Backup options including Full and Incremental Backups
Backup options include full, synthetic full, incremental, differential and others. Each method has its own recovery performance characteristics with the user having to choose which to use.

Commvault HyperScale X Appliance only for Smaller Deployments
Commvault's integrated appliance from a single vendor is designed for smaller deployments of up to 150TB. For larger environments of 500TB and higher, solutions from technology partners are recommended which can complicate support as hardware is provided by a third party.

Manual Virtual Server Agent Proxy Deployment
Virtual Server Agent (VSA) proxy deployment is a manual process.

Ransomware Protection
Commvault users have to validate backup copies by performing isolated recoveries of data into a networkless VM environment for verification purposes rather than verifying the data in its native backup image format.