Dell Technologies

Dell PowerProtect DP Series Appliance vs. Veeam Backup and Replication Software

PowerProtect DP Series Appliance v2.7.1

Veeam Backup and Replication Software v11a

Continuous Fault Detection and Healing
Data Domain Data Invulnerablility Architecture (DIA) combined with self-healing automatically ensures the integrity of backup data on a continual basis.

Periodically Performs Health Checks
Optional Health Checks are applied to select backup jobs on a fixed schedule.

Efficient Global Deduplication
Massive data reduction and source side deduplication ensures that data is efficiently utilized, using less storage, reducing costs and improving performance.

Less Efficient Job-level Deduplication
Deduplication is an optional setting for on-premises storage repositories and applies at the job-level only. Job-level deduplication can result in higher storage consumption when compared to Global deduplication.

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.

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

Backup Server runs on Linux
Backup Servers support Linux, are fully supported by Dell Technologies, and do not require third party licensing.

Veeam Backup Server runs on Windows
Veeam Backup and Replication Server only runs on Windows which consumes Microsoft Windows licenses and requires separate management for Windows patches and updates. Security of the Backup Server is the responsibility of the Backup Administrator.

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

Manual Proxy Deployment
In advanced deployments, the proxy role is assigned to one or more manually built and configured servers.

Integrated Hardware and Software solution
Complete solution from a single vendor. Every PowerProtect DP Series Appliance includes servers, storage, and the necessary support which is all provided by Dell Technologies.

Software only solution
Requires purchase of additional storage and server hardware, plus associated Microsoft Windows licenses, from various third parties which complicates support.