

# Dell Data Protection for Google Cloud

Unleash the full potential of cloud data protection with Google Cloud and Dell Technologies

## PowerProtect DD Virtual Edition Overview and Benefits

### Simple, Flexible, and Efficient

- Configure and deploy in minutes
- Grow as you scale in 1TB increments
- Run on any commodity server, converged, and hyper-converged

### Virtualized and Cloud Environments

- Run in Google Cloud
- Support up to 256TB instances
- Pay as you grow in as little as 1TB instances

### Transactional and Operational Efficiencies

- Ability to write or backup data into the object store directly in addition to block storage
- Up to 81% more cost effective cloud data protection in Google Cloud<sup>1</sup>

### Manageability

- Single point of management with Dell PowerProtect DD Management Center (DDMC)

### What if you could:

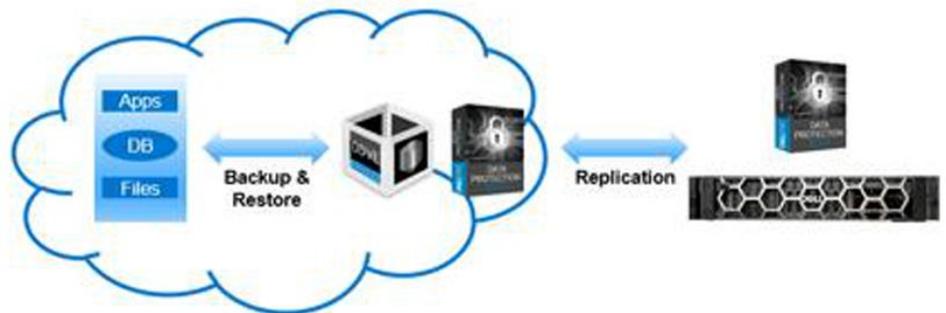
- Ensure high levels of availability, resiliency and security with backup and DR sites based in different regions
- Eliminate silos with flexible backup and recovery options
- Ensure data, infrastructure, application and business recoverability from any location
- Reduce cluster, storage and data transfer costs in the cloud

### Why Dell Cloud Data Protection?

Dell Data Protection cloud solutions bring proven data protection for distributed hybrid and multi-cloud platforms across edge, core and cloud to Google Cloud. As customer data grows exponentially, only innovative trusted solutions can protect data at a global scale. As organizations continue their IT transformation and migrate and modernize workloads to cloud, hybrid cloud and multi-cloud environments, Dell's proven data protection products will maximize cloud-based infrastructure investments. Dell offers the fastest and easiest path to the cloud with a proven architecture

### Data Protection for Google Cloud with PowerProtect DD Virtual Edition

Security in the cloud can be a huge concern, and you need assurance that your data won't be compromised. Dell PowerProtect DD series appliances deliver the most trusted protection storage in the market.



Google Cloud can leverage PowerProtect DD Virtual Edition (DDVE), a software-defined data protection solution of PowerProtect DD, thereby maintaining all the core differentiating features of DD series. DDVE is fast and simple to download, deploy, and configure. DDVE can be up and running in minutes on any standard server, converged or hyper-converged. DDVE delivers increased transactional and operational efficiencies, reliability and lower TCO by utilizing object storage in addition to block storage. In fact, Dell offers up to 81% more cost effective cloud data protection in Google Cloud<sup>1</sup>

### Simple

DDVE moves data seamlessly from PowerProtect DD to Google Cloud, with no separate cloud gateway or virtual appliance required, eliminating any additional physical footprint or management overhead. Simply set your data movement policy and data is automatically moved from the active PowerProtect DD to Google Cloud for long-term retention.

### Efficient

Being able to reduce the amount of data sent to Google Cloud is key to maximize cost-efficiency. DDVE ensures only unique data is sent to and stored in the cloud, and only unique data is pulled when data is recalled from the cloud. This not only significantly reduces the amount of data needed to store in the cloud, it also leads to lower bandwidth requirements for additional time and cost savings. DDVE scales up to 256TB of secure data storage capacity using low- cost object storage and leverages industry-leading deduplication for lower TCO.

### Secure

Dell Technologies is an industry leader protecting in-cloud workloads. DDVE enables data protection in the cloud for applications running in the cloud. DDVE in the cloud allows for both backup and replication. Data can be moved to an on-premises PowerProtect DD and backup to the cloud, or even backup and replicate data between two instances of DDVE running in the cloud or on-premises. This allows multiple DDVE instances to be spun up in other regions and backup and replicate the data over to keep everything consistent.

### Summary

Dell Data Protection solutions provide a proven and modern way to leverage the value of Google Cloud. Pairing Google Cloud with DDVE can increase transactional and operational efficiencies in addition to providing significant cost savings. Not only is DDVE a great fit for a backup solution in public cloud to provide a low TCO, it's an impressive tool for data and workload portability, something that's an essential aspect of next generation cloud adoption.



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