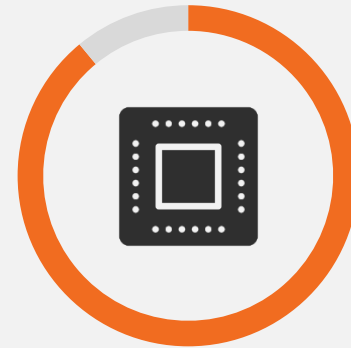


# Understanding the Economics of In-cloud Data Protection

## Cost-efficient In-cloud Data Protection with Dell Technologies Solutions



**Up to 80%**  
**less cloud data protection resource costs**



**UP TO 89%**  
**less cloud CPU costs**



**UP TO 83%**  
**less cloud block storage costs**



**UP TO 48%**  
**less cloud object storage costs**

## WHY THIS MATTERS

The costs of implementing and operating data protection in public cloud environments along with effectively executing, managing, and restoring data from backups in public cloud environments can be challenging and costly. IT teams struggle with the complexity of cloud cost models and backup solutions designed for on-premises environments that are “shoe-horned” into public cloud deployments

ESG validated the many benefits of the Dell EMC PowerProtect Data Manager with PowerProtect DD Virtual Edition for public cloud IaaS environments by reviewing data protection architecture requirements, analyzing capacity utilization capabilities, and auditing detailed pricing data with a competitive comparison focus. ESG’s modeled scenario shows a drop of more than 80% in cost to protect data in the cloud using the Dell Technologies solution.

### SOURCE:

*ESG Economic Validation, Understanding the Economics of In-cloud Data Protection: A Dell EMC Data Protection Solution Designed with Cost Optimization in Mind*  
By Vinay Choudhri, Senior Validation Analyst, and Christopher Bertrand, Senior Analyst  
September 2021

This InstaGraphic highlights results from an ESG First Look commissioned by:



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