DATASHEET

NetApp Workload Analysis for Google Cloud

Design a Google Cloud strategy that delivers on your business goals.

■ NetApp

The challenge: IT complexity is creating unpredictable performance and costs

Improving performance, cost, and agility is at the heart of IT transformation. Enterprises need to make fact-based, informed decisions to enable quick shifts in how they access and manage their data to improve business outcomes. The growing demand for greater flexibility and capacity is driving record numbers of organizations to transition to a hybrid or cloud-only infrastructure. However, for many companies, limited visibility into their current infrastructure and the lack of a clear cloud strategy results in architectures that create data silos. This state, in turn, can hinder cloud transformation, increase complexity for users, and reduce the benefits that an organization can realize from the cloud. Too many IT departments jump into implementing new cloud infrastructures without tying this technology investment to the needs of their organization.

The solution: An IT delivery strategy aligned to your business goals

To bridge this gap between new technology investments and business needs, service-level design is a key component in planning a hybrid cloud infrastructure that delivers the operational efficiencies needed to reduce IT complexity, decrease costs, and increase performance. The NetApp workload analysis for Google Cloud can help you shape and execute a hybrid cloud strategy, with Google Cloud at its center, that delivers on your business goals. The analysis is designed to identify and document business risks and constraints to establish which cloud deployment models are best suited to your various workloads and applications. Our IT experts employ advanced data collection practices and customized analysis to increase visibility into your complete multivendor infrastructure. The analysis includes recommendations for how your organization can operate, with a delivery model that can lower costs, improve performance, and reduce complexity.

Know your current state before you plan your future state.

Employing a modular methodology, our dedicated team of experienced IT professionals defines your organization's current consumption metrics by assessing application demands and generating defined storage and compute service levels. The analysis uses your organization's actual data, not hypothetical metrics, to give you a current—state view of your infrastructure. That information can help you develop a future-state strategy and design to bring the hybrid cloud model to life for your business. By establishing a clear business case for this model, which is aligned to your strategic business objectives, NetApp consultants help you understand, first, where you can gain efficiencies and save costs. The next step is to determine an optimized infrastructure to meet future business needs.

Transform your IT organization from cost center to profit center

By building a strategy for running your IT operations like an enterprise cloud service provider—creating a defined set of service levels, with cost per gigabyte and performance aligned to actual application requirements—we can help you simplify application access and management to consistently and predictably meet even the most stringent SLOs and SLAs for your critical applications—all while delivering predictable and controllable performance and greater agility with a well-defined set of service levels (cost per GB; IOPS per GB).

The analysis team also provides cost justifications with show-back or ROI reporting to create accountability and business alignment.

Streamline the delivery of services

In as few as two weeks, the analysis team delivers a comprehensive breakdown of the performance, configuration, and capacity of your entire heterogeneous storage infrastructure. This analysis identifies workloads that are underutilized and documents the availability, capacity, performance, and data protection status of your on-premises and cloud storage. It also includes operational recommendations for:

- Balancing resources for better return on investment
- Boosting your public cloud storage usage with Google Cloud.
- Optimizing workloads like VMware, SAP, and Oracle.

Final deliverables for the engagement
- Service-level designs in support of a hybrid cloud strategy.
- Definitions for storage, compute, data protection, total cost of ownership, and financials.
- An implementation roadmap for how to get there.

Service Overview

Workload analysis objectives

An executive-level consulting engagement to assess your current environment, define a hybrid cloud strategy, and design an architecture for creating service levels to match your business's unique requirements.

Workload analysis duration — delivered remotely and securely

- 6 to 8 weeks from resource request to workshop completion
- Data collection: 14 to 30 days
- Customer-Professional Services joint review time: 8 to 10 hours, depending on module option chosen

Workload analysis module options

Storage | Virtual Server | Data Protection

Workload analysis deliverables

- Service-level designs in support of a hybrid cloud strategy
- TCO and financial model
- Service-level definitions for storage, compute, or data protection (per chosen option)
- Implementation roadmap
- Recommended technology solutions (NetApp products and services)

Workload analysis cost

Complimentary to selected customers

Get started today

To learn more about how a NetApp workload analysis for Google Cloud can help your organization deliver predictable IT cost, performance, and agility, contact us or visit www.netapp.com.

About NetApp

In a world full of generalists, NetApp is a specialist. We're focused on one thing, helping your business get the most out of your data. NetApp brings the enterprise-grade data services you rely on into the cloud, and the simple flexibility of cloud into the data center. Our industry-leading solutions work across diverse customer environments and the world's biggest public clouds.

As a cloud-led, data-centric software company, only NetApp can help build your unique data fabric, simplify and connect your cloud, and securely deliver the right data, services and applications to the right people—anytime, anywhere.

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