NetApp Workload Analysis for Microsoft Azure

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Microsoft Azure

Design an Azure strategy that delivers on your business goals.

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, many companies have limited visibility into their current infrastructure and lack a clear cloud strategy. This creates data silos that 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 strategy aligned to your business goals

Service-level design is a key component in planning a hybrid cloud infrastructure that operates efficiently enough to reduce IT complexity, decrease costs, and increase performance. The NetApp® Workload Analysis for Microsoft AZure can help you shape and execute an Azure-centered hybrid cloud strategy that satisfies your business goals.

The analysis identifies 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 current consumption metrics by assessing application demands and determining 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 first help you understand 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 creating a set of service levels, with cost per gigabyte and performance aligned to actual application requirements, we'll help you build a strategy for running your IT operations like an enterprise cloud service provider. We can help

Key benefits

- Bring the hybrid cloud model to life for your business with a future-state strategy and design based on your organization's actual data.

- Build a strategy for running your IT operations like an enterprise cloud service provider.

- Create a set of service levels, with cost per gigabyte and performance aligned to actual application requirements.

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 controllable performance and greater agility.

To create accountability and business alignment, the analysis team also provides cost justifications and reports on showback or return on investment.

Streamline IT services

The Workload Analysis service is delivered securely, in person or remotely. In as little as 2 weeks, the analysis team provides 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 architectural and operational recommendations for:
- Balancing resources for better return on investment
- Boosting your public cloud storage and compute usage with Azure
- Optimizing workloads such as VMware, SAP, and Oracle
- Taking advantage of native Azure and marketplace offerings like Azure VMware Solution, Azure Virtual Desktop, Azure NetApp Files, and NetApp Cloud Volumes ONTAP® software

Service overview

Objectives
Workload Analysis is 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, while leveraging the public cloud capabilities of Azure.

Duration (delivered in person or remotely)
- Typically requires 6 to 8 weeks total from resource request to completion
- Data collection: 14 to 30 days
- Joint review time (customer and NetApp): 4 to 8 hours, depending on chosen module options

Module options
- Storage
- Virtual server
- Data protection

Deliverables
- Performance analysis of source storage and compute workloads
- Mapping of empirical workloads to appropriate Azure platforms
- Cost modeling of cloud solutions
- An implementation roadmap for how to get there, including initial budgetary migration costs

Cost
This service is complimentary for selected customers.

Get started today
To learn more about how a NetApp Workload Analysis for Microsoft Azure can help your organization deliver predictable IT cost, performance, and agility, 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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+1 877 263 8277