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Save Up to 66% by Migrating to AWS Cloud Infrastructure

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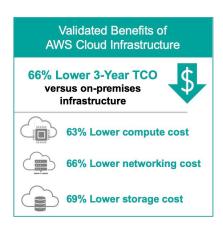
Abstract: TechTarget's Enterprise Strategy Group completed a qualitative and quantitative economic analysis based on interviews with current AWS end users, extensive Enterprise Strategy Group research, and the creation of a conservative economic model. The results illustrate how organizations can reduce compute, networking, and storage costs by up to 66% by migrating on-premises workloads to AWS Cloud Infrastructure.

Challenges for Enterprises

Migrating on-premises workloads to the cloud provides organizations with modern business agility, more efficient use of resources, cost optimization, scalability, and improved availability and security. Choosing the right cloud provider to partner with is a critical factor in the long-term success of any organization. While migrating on-premises infrastructure to cloud infrastructure-as-a-service offerings can optimize performance and cost savings, many organizations are

"As a CIO for the past 20 years, I've worked with every major technology company you can imagine, and none of them have innovated as a partner as well as AWS."

seeing that the greater business value of cloud-based end-to-end infrastructure is in its ability to simplify and optimize data ingestion and storage and decrease the time to analyze, visualize, and generate insights that unlock new data-driven opportunities. This means partnering with a cloud provider that provides the tools, services, support, education, and innovation to facilitate optimal availability, data governance, and access to data services across the organization. The ideal cloud provider should offer compute, networking, and storage services built upon optimized infrastructure, continually accelerating its pace of innovation to deliver unique and differentiated capabilities and technologies that organizations can use to transform their business.



The Solution – AWS Cloud Infrastructure

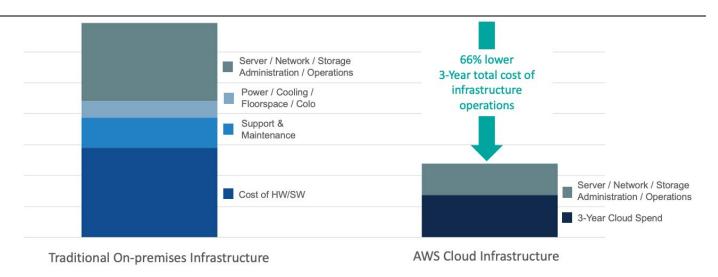
AWS Cloud Infrastructure offers modern, purpose-built compute, networking, and storage services that provide increased flexibility, scalability, security, reliability, and performance. AWS has engineered innovation into the chip and system levels and designed its own cloud infrastructure from the ground up to cost-effectively deliver the highest levels of performance, scalability, availability, reliability, and security to power any organization's business forward. The AWS Global Infrastructure is a secure, extensive, and reliable cloud infrastructure, offering over 200 fully featured services from data centers globally. Millions of customers—including the fastest-growing startups, largest enterprises, and leading government agencies—are using AWS to lower costs, become more agile, and innovate faster.



Economic Validation Highlights

Enterprise Strategy Group validated that migrating workloads from traditional on-premises infrastructure to AWS Cloud Infrastructure provides organizations with reduced costs, increased performance, and improved operational efficiency. By building on AWS Cloud Infrastructure, organizations benefited from cloud-based innovations and realized faster time to value, improved business agility, and reduced risk to the organization. AWS provided customers with a broad and deep set of services to deliver optimal functionality for any workload and continuously innovates to improve performance while lowering cost for customers. Customers were able to maximize savings by using AWS services and monitoring tools to further optimize costs with the ability to flexibly scale resources up or down as needed with pay-as-you-go pricing models. Our conservative 3-year TCO models predicted that by migrating on-premises workloads to AWS Cloud Infrastructure, organizations can lower the total cost of compute, networking, and storage by 66%:

Figure 1. Expected Three-Year Cost of Infrastructure Operations



Source: Enterprise Strategy Group, a division of TechTarget, Inc.

Conclusion

AWS has more than 17 years of experience building and delivering data and applications on its trusted, reliable, and scalable AWS Global Infrastructure. Customers around the world strongly agree that AWS offers them a broad set of capabilities that can best meet the needs of all of their data types and workloads, which would not have been possible had they stayed on premises. Enterprise Strategy Group recommends you consider building on AWS Cloud Infrastructure and begin the journey to maximize your economic advantages.

Read the full report <u>HERE</u>.

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