

Getting More Value from Your Cloud Investments

How VMware solutions empower organizations to stay efficient, compliant and on budget

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Embrace cloud to accelerate business outcomes

Before the pandemic, first-mover companies embraced multi-cloud to accelerate business outcomes—from top-line revenue growth to operational efficiency to the personalization of experiences. Today, more than 70 percent of enterprises use two or more public clouds.¹ Many, however, have not yet realized the full value of their investments.

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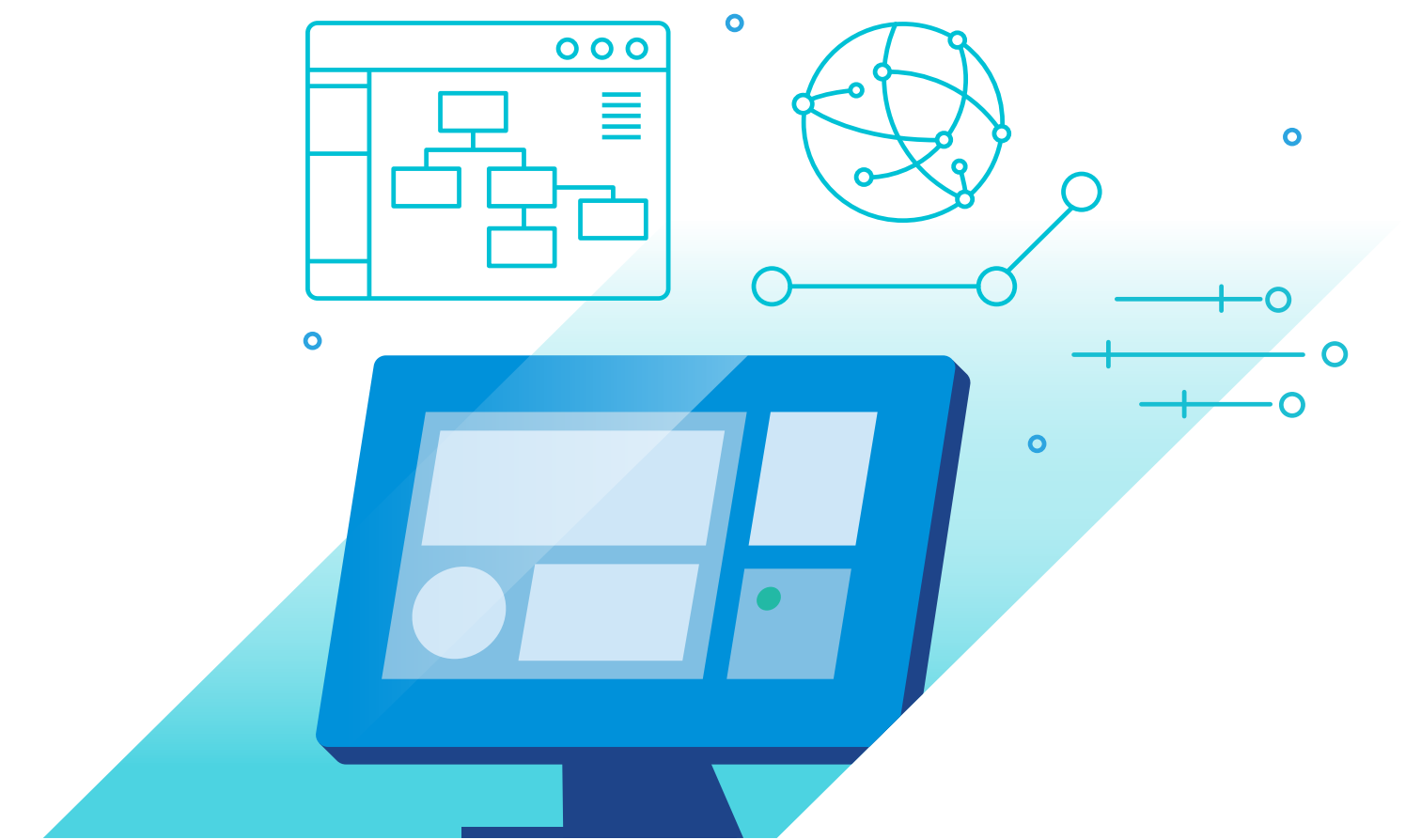
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Challenges hold back multi-cloud plans

As a cloud leader, you recognize the value of running workloads across data center, public cloud, edge and colocation environments. You want to do what is good for the business in terms of choosing the right cloud for the right workload or application—for example, Oracle Cloud for databases, Google Cloud for high-powered processing, Microsoft Azure for productivity, and Amazon Web Services for customer engagement. However, a diverse multi-cloud strategy can also raise executive concerns, such as:

- **Inflexible architecture** – How to scale existing infrastructure to the cloud without adding inefficiency, downtime, cost and risk to the business
- **Complex operations** – How to ensure complete visibility over multi-cloud performance, cost and service delivery
- **Compliance** – How to maintain governance as industry and government regulations evolve
- **App modernization** – How to effectively modernize non-business critical as well as core applications
- **Data security** – How to ensure sensitive data remains protected everywhere that it travels and rests

Success in the marketplace now largely relies on a company's ability to respond to customer needs quickly and innovate with speed and scale. The following best practices are built from years of experience working with enterprise customers on their modern app and multi-cloud strategies. Read on to learn more about the capabilities most critical to optimizing cloud investments.



Real-world results

drax

- ✓ **9-month return on investment**
- ✓ Renewable energy company, Drax Group, modernized a complex legacy environment, adopted and ran Kubernetes consistently, and improved the developer experience to change the way it does business. As a result, the company was able to meet sustainability and service delivery goals while experiencing significant cost savings.

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Three ways to get more value from your cloud environment

1. Ensure consistent operations

The enterprises that will ultimately thrive as digital businesses are those that optimize multi-cloud environments, including migrating and modernizing apps to the best cloud for performance, cost or speed to market. Cloud challenges and complexities increase significantly when IT teams must manage resources across dissimilar data center, cloud and edge environments.

To best manage a mix of VM- and container-based applications deployed across a mix of data center, public cloud and edge environments, organizations need a hybrid cloud foundation that delivers consistent infrastructure and consistent operations wherever workloads are deployed.

By putting our integrated stack in the public cloud, such as Amazon Web Services (AWS), Google Cloud, Oracle Cloud and dozens of other service providers, you get a single operating model for all of your applications, based on the most proven and widely deployed cloud infrastructure in the world. And, most importantly, you can choose where to deploy workloads based on business requirements. When business priorities change, IT can quickly respond and shift workloads without being locked into a particular environment.



48%

Executives anticipate that 48 percent of their applications (on average) will need to migrate between environments in 2022².

2. Improve developer experience

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Today's application development experience is fragmented and riddled with complexity. Improving your developer experience directly impacts your ability to compete.

Challenges hold back multi-cloud plans



Developers want self-service and API-provisioned infrastructure so they can write code and consume infrastructure in their way, and they need quick access to containers and resources to be more productive. VMware Tanzu® enables complete application build and deployment capabilities focused on the developer and, at the same time, provides the requisite capabilities for enterprise operations and DevSecOps.

Three ways to get more value from your cloud environment



As developers commit code, the supply chain is triggered automatically, providing a continuous path to production.

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Real-world results



✔ Increased digital business by 20 percent

✔ Faced with increasing competition and the rise of game-changing FinTech trends, United Asia Finance Limited built a platform to deliver applications to market quicker. The company built an architecture that could support multi-cloud applications with flexible, high-volume data provisioning and analytics, all delivered with enterprise-grade security and scalability. As a result, the company accelerated time to market for application development and increased digital business by 20 percent.



✔ Saved \$800M

✔ The United States Space Force partnered with VMware Tanzu to replace waterfall processes and develop cloud native greenfield apps in an agile manner. The team is now able to release new features in weeks rather than months, making a huge impact on the mission and saving over \$800M.

3. Optimize security, governance and costs

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When you are operating in a multi-cloud environment, your IT teams need to manage cost, resource utilization, compliance and ongoing operations across clouds. For more than a third of organizations, securing cloud resources and ensuring governance and compliance is an obstacle to multi-cloud success.³ Teams are challenged to not only detect mistakes and threats but to easily remediate them—all of which are business-critical requirements. And although public cloud is typically a welcome addition to business operations, the invisible costs that come with cloud adoption are not as favorable. More than a third of business leaders recently surveyed (34 percent) noted that complexity of reporting and managing cloud costs is one of their top-three barriers to effective cloud management.⁴

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The VMware Cloud Operating Model is a framework that binds your business, application and cloud strategies together to accelerate agility, optimize performance and control your multi-cloud environment. It brings people, process and technology together for consistent service delivery, operations and governance wherever workloads reside, for today and the future.

Three ways to get more value from your cloud environment

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Aligning to our proven cloud operating model is CloudHealth® by VMware Suite™. CloudHealth by VMware transforms the way your organization operates in the cloud with a single solution for multi-cloud management and security.

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- **Optimize costs** – Report spend by cost center, drive financial accountability against budgets and find ways to optimize your cloud spend.
- **Streamline operations** – Create custom policies that automate daily cloud operations, speed decision making and reduce risk.
- **Strengthen security posture** – Improve risk visibility and remediate misconfigurations with an intelligent, fast and scalable cloud native security approach.

³ Foundry. “Cloud Computing Study.” 2022.

⁴ VMware. 1,765 respondents of the CloudHealth by VMware Cloud Management Maturity Assessment from January 1–December 31, 2021.



“(In the cloud) your spend is changing every day. If you don’t have a tool in place and you have a presence in multiple clouds, gathering data and getting a picture of it is going to take a lot of time and effort....Tools like CloudHealth can enable you to provide that visibility and start allocating those costs back.”

Jenna Gegg
Public Cloud Cost Manager
Salesforce

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Ready to implement a secure software supply chain? Cultivate a DevSecOps culture? Meet financial targets and gain greater business efficiencies across clouds?

Bring us an idea or business challenge and we'll help you develop a plan to solve it. Join us at tanzu.vmware.com/office-hours and chat with a VMware Tanzu Labs designer, engineer or product manager. Learn better ways to build and modernize the right apps—and get them to production quickly. Each session is tailored to your unique business or technical challenge.

Or try [CloudHealth by VMware](#) for free. Utilize actual billing data from your cloud infrastructure to recognize the value of the platform across financial management, infrastructure optimization and governance, and gain security insight into risk visibility and potential remediation efforts.

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