

Executive Summary:

The Business Value of VMware Cloud on AWS for Creating VMware Hybrid Cloud Environments



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Enterprises increasingly depend on digital infrastructure to support business-critical applications and services designed to support internal users and customers as well as support advanced business operational systems. Hybrid cloud has played and will continue to play an essential role in this scenario. However, IDC's research shows that a number of challenges exist, such as inconsistent operational workflows that can hamper the smooth migration of applications in hybrid cloud environments. VMware Cloud on AWS is designed to deliver a public cloud environment with VMware tools and workflows used in private cloud environments, thereby addressing these challenges.

IDC conducted research that explores the value and benefits for organizations of using VMware Cloud on AWS to create VMware hybrid cloud environments for running important business applications and workloads.

On the basis of in-depth interviews with VMware customers, IDC calculates that, compared with running these applications and workloads on a traditional on-premises infrastructure, these VMware customers will achieve benefits worth an annual average of \$771,200 per 100 virtual machines (VMs) (\$44.95 million per organization) by:

- Cost-effectively boosting the overall effectiveness and efficiency of cloud/on-premises application and infrastructure migration

BUSINESS VALUE HIGHLIGHTS

COMPARED WITH ON-PREMISES INFRASTRUCTURE

361% three-year return on investment

6-month payback period

22% lower cost of infrastructure

32% higher IT infrastructure team efficiencies

28% lower three-year cost of operations

63% faster to deploy new compute resources

95% reduction in unplanned downtime

34% higher development team productivity

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- Improving the ongoing performance of IT infrastructure and application development teams
- Boosting overall business productivity in their organizations as the result of faster migration
- Limiting the incidence of unplanned downtime, thereby further contributing to business productivity

[Read the full white paper](#)

BUSINESS VALUE HIGHLIGHTS (CONTINUED)

\$3.42 million
higher annual revenue
per 100 VMs

COMPARED WITH
OTHER PUBLIC CLOUD

\$198,700 in value
per 100 VMs from
faster migration

52% less staff time
required to migrate