

DELIVER SCALABLE, AGILE, AND SECURE PUBLIC CLOUD SERVICES

SOLUTION BRIEF



Gartner predicts a compound annual growth rate (CAGR) of

29.1%

for global Infrastructure-as-a-Service (IaaS) spending from 2014 to 2019.¹

Additionally, IDC estimates that Platform-as-a-Service (PaaS) revenue will grow by

30.6%

over the same period.²

PUBLIC CLOUD PROVIDER INFRASTRUCTURE COMPONENTS

- Cloud platform
- Cloud management tools
- Scalable storage
- Host operating system
- Infrastructure management tools



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INCREASE REVENUE WITH MANAGED CLOUD SERVICES

The cloud services market is growing rapidly, presenting a large revenue opportunity for cloud service providers. To compete in this fast-paced market, you need an infrastructure that lets you securely deliver services to multiple tenants, streamline operations, track usage and chargeback, and adapt quickly to technology changes. Scalability, flexibility, and efficiency are essential to differentiating your business.

To be an effective managed cloud service provider, use an agile cloud platform and management tools to deliver cloud services to multiple customers from a single infrastructure. Supply on-demand, always-available services with a massively scalable cloud foundation and software-defined storage. Provide verifiable workload isolation and protect your business with the integrated, co-engineered security of a Linux®- and OpenStack®- based environment. Speed configuration and administration with advanced management tools that improve visibility, tracking, and automation. Keep up with the pace of innovation with an open, industry-standard infrastructure that eliminates vendor lock-in.

BUILD YOUR CLOUD SERVICES INFRASTRUCTURE WITH RED HAT

Based on the industry-leading products and technologies your customers demand, Red Hat provides a complete set of platforms, tools, and software components you need to build your cloud services infrastructure.

- **Red Hat® OpenStack Platform:** An open, production-ready cloud foundation that is co-engineering with Red Hat Enterprise Linux to deliver performance, scalability, and security. An integrated director offers live system upgrades and updates, giving you access to new innovation.
- **Red Hat CloudForms:** A hybrid cloud management tool that unifies management and operations across container, virtual, private, and public cloud infrastructures. Red Hat CloudForms provides the automation, visibility, and control to simplify IT operations and protect investments.
- **Red Hat Storage:** An open, software-defined storage platform that scales out across physical, virtual, and cloud resources. For cloud infrastructure, Red Hat Ceph Storage delivers block, object, and file storage in a self-healing, self-managing platform with no single point of failure. For traditional environments, Red Hat Gluster Storage provides reliable, cost-effective file and object access in a scalable network file system.
- **Red Hat Enterprise Linux:** A modern platform built for the modern datacenter. Red Hat Enterprise Linux delivers unparalleled stability and flexibility that let you tailor your infrastructure to meet business needs now and in the future.
- **Red Hat Satellite:** A complete, life-cycle and system management console that keeps infrastructure and workloads running efficiently, securely, and in compliance with standards and policies.
- **Red Hat Cloud Infrastructure:** A single offering that includes all of the above cloud technologies.

¹ Gartner, "Gartner Says Worldwide Cloud Infrastructure-as-a-Service Spending to Grow 32.8 Percent in 2015," May 18, 2015.

² IDC, "Worldwide and Regional Public IT Cloud Services Forecast, 2015-2019," December 2015.



"Red Hat is the best supplier of enterprise-grade open source software and has a significant presence in Brazil. Red Hat OpenStack Platform gives us 35% greater operational efficiency than before."

- LAURO DE LAURO, FOUNDER AND CHIEF EXECUTIVE OFFICER, DUALTEC CLOUD BUILDERS

Dualtec designed and deployed an integrated cloud environment in just 45 days using Red Hat OpenStack Platform, with help from Red Hat Consulting. The new infrastructure improved operational efficiency by 35% and also increased scalability.



"With Red Hat OpenStack Platform, our customers are reassured that our solutions are validated and certified against world-class open standards and that implementations can begin with a solid foundation."

- GIO BACAREZA, CEO, MORPHLABS

Using Red Hat OpenStack Platform, Morphlabs built a massively scalable IaaS environment and safe, scalable enterprise cloud solutions for new and existing customers.



"Thanks to Red Hat CloudForms, our customers can now use cloud services more flexibly. We have integrated CloudForms with public and private clouds, software-defined networks (SDN), domain name system (DNS), IP address management, active directory, monitoring, Puppet, and more."

- VARUN KATYAL, CHIEF ARCHITECT, NETWORK DATA SOLUTIONS (NDS)

Network Data Solutions (NDS) used Red Hat CloudForms to automate cloud services provisioning, simplify its cloud environment, and differentiate its offerings.



"With Rackspace expanding their offerings to provide a tested and managed deployment of Red Hat OpenStack Platform, customers can take out a lot of the uncertainty of the do-it-yourself model and leverage the OpenStack-as-a-service product portfolio at Rackspace."

- GINA LONGORIA, SENIOR ANALYST, MOOR INSIGHTS AND STRATEGY

Rackspace Private Cloud Powered By Red Hat is a managed private cloud deployment of Red Hat OpenStack Platform, certified by Red Hat, that delivers public cloud agility and efficiency combined with enhanced enterprise-grade security, control, and performance.



ABOUT RED HAT

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to reliable and high-performing cloud, Linux, middleware, storage, and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT.



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