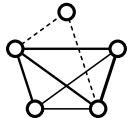


RED HAT OPENSTACK PLATFORM

BRIEF



OpenStack is a popular choice for cloud deployments across all industries and sizes of corporations.

OpenStack is one of the fastest-growing open source communities with 94,775 members contributing more than 20 million lines of code.¹

Red Hat OpenStack Platform provides a tested, proven cloud infrastructure that supports traditional and cloud-native applications and serves as a foundation for digital transformation.

DIGITIZATION CONTINUES TO PROMOTE I.T. TRANSFORMATION

Applications continue to be one of the primary tools that companies use to innovate and differentiate themselves in today's digital economy. To keep up with the fast-paced market, application developers must quickly receive access to IT resources to help build, deploy, and manage applications—to provide businesses with the competitive differentiation and customer experience that allows them to grow. The transformation to a more agile and responsive IT model can be complex, especially when balancing the maintenance of current operations with planning for the future.

MODERNIZE I.T. WITH RED HAT OPENSTACK PLATFORM

Red Hat® OpenStack® Platform is a proven Infrastructure-as-a-Service (IaaS) foundation for building a private cloud. It combines community-powered innovation with production-grade stability and support. Its modular, composable architecture lets you build a private cloud architecture to align with your current needs and adapt as requirements change. Built on the trusted foundation of Red Hat Enterprise Linux®, Red Hat OpenStack Platform serves as a single platform for existing and cloud-native applications, helping promote operational efficiency across heterogeneous datacenters.

BRINGING INNOVATION AND OPERATIONAL SIMPLICITY TOGETHER

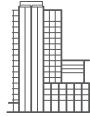
Red Hat OpenStack Platform allows businesses to accelerate innovation with less risk, and it provides IT teams with the tools, services, and support they need to prepare for a digital future. An automated, self-service operating model lets developers and IT teams benefit from on-demand access to compute, network, and storage resources, increasing developer productivity while reducing operational complexity.

Emerging use cases, including machine learning, artificial intelligence (AI), and data analytics, benefit from automating resource scaling. This automation provides a high-performance architecture that scales out or in to optimize resource use, ensuring that applications have the resources they need, when they need them.

MODERNIZE IN AN ENVIRONMENT BUILT WITH ADDED SECURITY

Protect your business from threats and enhance compliance with enterprise policies and regulations supported on Red Hat OpenStack Platform. Continuous monitoring and flagging of noncompliant virtual machines ensures that resources comply with enterprise policies. Granular role-based access control (RBAC) and tenant synchronization let you manage user permissions. Encryption of all control flows and optional encryption of all data stores and flows enhances privacy and data integrity. Centralized certificate and key management ensure applicability of the best security management practices. Compliance with common security regulations—including the Federal Risk and Authorization Management Program (FedRAMP), Agence nationale de la sécurité des systèmes d'information (ANSSI), and the European Telecommunications Standards Institute (ETSI)—helps protect your cloud environment.

¹ OpenStack Foundation. Openstack.org. November 7, 2018.



ABOUT RED HAT

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to provide 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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ENTERPRISE-READY BY DESIGN

Red Hat OpenStack Platform's open source development model combines fast-paced, cross-industry community innovation with production-grade hardening, integrations, support, and services. Based on community releases, Red Hat OpenStack Platform is intensively tested and hardened to meet the rigors of enterprise and communications service provider production environments.

Ongoing patching, bug fixes, and certification ensure interoperability with upstream releases. Life-cycle options—with up to five years of support for select releases—let you choose when to upgrade and add new features and innovations to your Red Hat OpenStack Platform environment. As the leading code contributor to the OpenStack community, Red Hat helps ensure that the features enterprises need are incorporated into the upstream project. Expert services assess your organization's needs and help you deploy the right cloud environment faster. Hands-on training and certification courses help you gain the skills you need to build, operate, and maintain your cloud infrastructure. This support helps you add new innovations to your environment faster.

INTEGRATIONS AND ECOSYSTEM

Red Hat OpenStack Platform integrates with Red Hat products and third-party solutions. Combining OpenStack Platform with Red Hat OpenShift® Container Platform provides developers with elastic access to infrastructure resources through a self-service catalog—giving developers the speed they need to build and manage applications. Integrating Red Hat Ansible® Automation into Red Hat OpenStack Platform director simplifies the deployment and management of the platform. Red Hat's large, certified partner ecosystem—containing more than 400 members and 900 solutions—lets you customize your cloud environment with third-party products and technologies with confidence that they will be interoperable and stable.

CONCLUSION

Red Hat OpenStack Platform combines community-powered innovation with enterprise features and support to help your organization build a production-ready private cloud. With it, you can accelerate application and service delivery, innovate faster to differentiate your business, and empower your IT teams to support digital initiatives.