



Rackspace Private Cloud Powered by Red Hat

Red Hat OpenStack Platform delivered “as-a-service” and backed with a 99.99% uptime SLA.

Rackspace® Private Cloud powered by Red Hat® delivers private cloud as a service, making it faster, easier and more cost-efficient to deploy dedicated cloud resources, while eliminating the complexity and operational challenges associated with OpenStack®.

Experts Dedicated to Your Success

Rackspace Private Cloud powered by Red Hat is a certified deployment of the Red Hat OpenStack Platform. You get all the benefits of a co-engineered and integrated solution that optimizes the interdependencies while being enterprise-hardened and supported by a broad ecosystem.

- Red Hat OpenStack Platform delivers an OpenStack distribution that is co-engineered, integrated, tested and certified with the operating system to deliver the performance, stability, and scalability of Red Hat Enterprise Linux.
- Red Hat and Rackspace work together to ensure that each release of Red Hat OpenStack Platform is enterprise hardened by testing and certifying for broad hardware and software compatibility, performance and availability.
- Red Hat OpenStack Platform boasts one of the largest ecosystems of over 300 certified partners, ensuring the same level of broad support and compatibility customers enjoy today in the Red Hat Enterprise Linux ecosystem

Key Features

Built-in automation: Automated deployment and configuration management

Enterprise-grade architecture:

- Industry-leading 99.99% OpenStack uptime guarantee
- Designed to scale to thousands of nodes
- Delivers high availability through an enterprise-grade, four-server control plane
- Includes a clustered database and messaging service

Security and logging:

- Secure, dedicated environment
- Includes two physical firewalls and audit logs
- Allows use of existing Open LDAP service to authenticate users

Patching and upgrades: Red Hat-tested and validated patches and upgrades deployed using Red Hat Satellite infrastructure management solution

Compute: All Red Hat OSP compatible platforms including Cisco, Dell, IBM and HP-based systems. For a complete list of certified hardware go to: <https://access.redhat.com/ecosystem/search/#/category/Server>

Networking:

OpenStack Networking (Neutron) with the ML2 plug-in and Open vSwitch agents support the following:

- Flat and VLAN provider networks
- Flat, VLAN and VXLAN overlay (tenant) networks
- L3 agents for routing, NAT and floating IP addresses

Storage:

- Object Storage: Ceph Object Gateway
- Block Storage: OpenStack Cinder driver support for Ceph RBD, Cinder/LVM, EMC VNX2 and NetApp FAS

About Rackspace

Rackspace is your trusted partner across cloud, applications, security, data and infrastructure.

- A leader in the 2019 Gartner Magic Quadrant for Public Cloud Infrastructure Professional and Managed Services, Worldwide
- 3,000+ cloud experts
- Hosting provider for more than half of the Fortune 100
- 20+ years of hosting experience
- Customers in 150+ countries

Fanatical Experience™

Experts on your side, doing what it takes to get the job done right. From first consultation to daily operations, Rackspace combines the power of always-on service with best-in-class tools and automation to deliver technology when and how you need it.

Key Benefits

Rackspace Private Cloud powered by Red Hat provides public cloud benefits with the performance, security and control of an enterprise environment. Rackspace Private Cloud offers the following benefits:

A superior delivery model: Rackspace can deliver OpenStack “as a service” with 24x7x365 monitoring, maintenance and upgrades.

Rock-solid OpenStack reliability: 99.99% uptime SLA.

Strategic flexibility: Rackspace can deploy OpenStack private clouds in your data center, theirs, or in a third-party colocation facility, running on your hardware or on Rackspace managed infrastructure. The Rackspace managed infrastructure option enables you to:

- Move from a capex to an opex-based IT infrastructure expense model
- Rapidly respond to demand in different geographies
- Easily solve data sovereignty compliance requirements
- Save money with an on-demand, pay-per-use pricing model

Deep OpenStack experience: Rackspace has successfully scaled OpenStack to hundreds of thousands of nodes and OpenStack clouds for some of the largest companies in the world.

A single platform: Manage containerized, virtualized and bare metal applications across private, public and hybrid clouds.

Award-winning Red Hat expertise: Rackspace was named 2017 Red Hat Innovator of the Year and 2018 Red Hat North America Managed Services Partner of the Year for its focus on the customer experience. Your Rackspace private cloud is backed by more than 100 Red Hat-certified experts who manage and operate your private cloud 24x7x365.

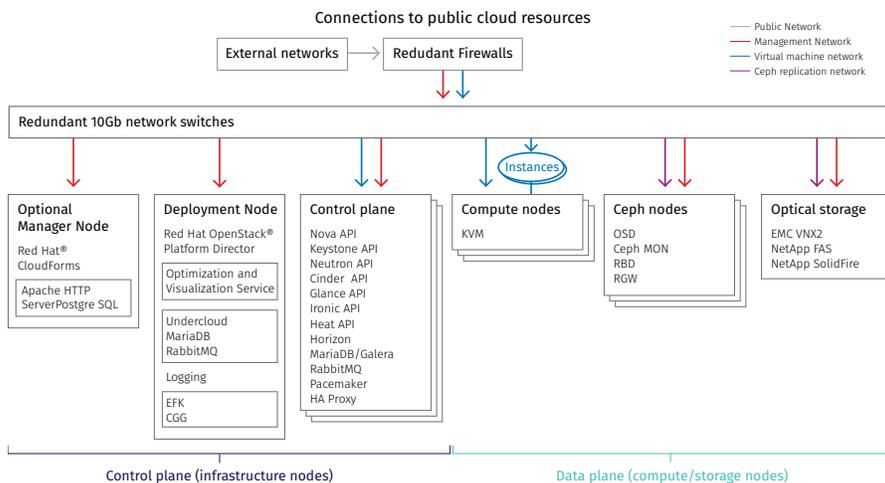
Reduced complexity: By providing a single point of contact to deploy, manage and maintain your Red Hat powered OpenStack private cloud, Rackspace helps further reduce your operational complexities.

- Single point of contact – Rackspace works with you to deploy, manage and maintain your private cloud to help meet your needs and will work directly with Red Hat to resolve any issues that may arise.
- Rackspace manages and maintains the Red Hat environment. This includes the underlying Red Hat Enterprise Linux, Red Hat Satellite and Red Hat OpenStack Platform so you can focus on your business applications and not your infrastructure.
- Flexible software support options allow you to make upgrades at your own pace (i.e., every year or every three years). This allows organizations with more structured change management policies to schedule upgrades to meet their needs.

Improved efficiency: Rackspace Red Hat and OpenStack experts:

- Developed their prescribed deployment configurations based on years of experience designing, deploying and operating OpenStack private clouds.
- Use automation to help improve the efficiency, performance, stability and scalability of the infrastructure, all with a consistent and repeatable deployment.

Rackspace Private Cloud powered by Red Hat Architecture



Take the Next Step

Let's talk about how Rackspace expertise helps you achieve your private cloud goals.

Learn more: www.rackspace.com
Call: 1-800-961-2888