



# Red Hat Cloud Suite

An overview of the cloud

# The Foundation

CEO Paul Cormier

Founded: 1993

Founders: Bob Young, Marc Ewing

Headquarters: Raleigh, North Carolina

Parent: IBM

Website: [redhat.com](https://redhat.com)



# About Us:

We're the world's leading provider of enterprise open source solutions, using a community-powered approach to deliver high-performing Linux, cloud, container, and Kubernetes technologies. We help you standardize across environments, develop cloud-native applications, and integrate, automate, secure, and manage complex environments with award-winning support, training, and consulting services

# Why one Should use RedHat

- **Secure Design**
- **Open APIs**
- **Thorough Product Testing**
- **Quick Cybersecurity Response**
- **Scalability**
- **24/7 Support**
- **Reasonable Cost**

# Our Services

# Infrastructure As A Service (IaaS):

- **Flexibility:** Purchase only the components you need for your use case and scale them up or down based on business needs.
- ● **Affordability:** Low overhead and no maintenance costs make IaaS an affordable option. Pay only for what you use and how often you use it similar to paying a utility bill.

# Product to Help You Provide IaaS:

- Red Hat OpenStack Platform:
  - Red Hat OpenStack Platform is a cloud computing platform that virtualizes resources from industry-standard hardware, organizes those resources into clouds, and manages them so users can access what they need—when they need it.



**Red Hat**  
OpenStack  
Platform



# Platform As A Service (PaaS):

- Red Hat solutions give you security, community, and decades of experience with flexibility to grow and expand as your ideas do.
- On-demand app stacks and precreated quickstart app templates allow you to start building your app with a single click.

# Product to Help You Provide PaaS:

- Red Hat OpenShift:
  - Manage hybrid cloud and edge deployments.
  - Red Hat OpenShift is an enterprise-ready Kubernetes container platform with full-stack automated operations to manage hybrid cloud, multicloud, and edge deployments. Red Hat OpenShift is optimized to improve developer productivity and promote innovation.
  - Red Hat OpenShift includes an enterprise-grade Linux operating system, container runtime, networking, monitoring, registry, and authentication and authorization solutions.



**Red Hat**  
**OpenShift**

# SoftWare As A Service (SaaS):

- Get the immediate applicability of a preconfigured, web-based application along with the opportunity to customize the software however you need.
- On-demand app stacks and precreated quickstart app templates allow you to start building your app with a single click.

# Product to Help You Provide SaaS:

- Red Hat Ansible Automation Platform:
  - Automation requires an investment in time, technology, and people. Make the most of your investment with an enterprise automation platform that delivers agility and flexibility.
  - Scale automation with control and insight. Collaborate across teams. Manage policy enforcement and governance. Bring the power of automation to your whole organization.



**Red Hat**  
Ansible Automation  
Platform

# Features and Benefits

# All the parts you need in one solution

- RedHat Cloud Suite Gives you a common interface and technology stack for development , operation, IT, administrators of business.
- And Your components work together to help you build cloud environments, write apps , and manage integration , governance and portability.



# Modernize and deploy apps faster

- Red Hat Cloud Suite includes Red Hat OpenShift, a container-based app-development platform that gives developers access to processing power so they can integrate and deploy apps in virtual machines.



# Choose and update your cloud infrastructure

- Build a private cloud on either Red Hat OpenStack Platform with public cloud-like scalability or Red Hat Virtualization with high-performance virtualization capabilities.
- Or if public cloud's your thing, create an easy-to-manage OpenShift public cloud.





Products that RedHat cloud  
Suite includes



## **Red Hat** OpenStack Platform

A platform for  
building public  
and private  
clouds.



## **Red Hat** OpenShift

The industry's  
leading enterprise  
Kubernetes platform  
for cloud-native  
applications.



## **Red Hat** Virtualization

Enterprise  
virtualization for  
server workloads.



## **Red Hat** Satellite

A tool for  
managing Red  
Hat Enterprise  
Linux across  
your enterprise.



**Red Hat**  
OpenStack  
Platform

# Red Hat OpenStack Platform

- A leading open source cloud infrastructure project—stabilized for your enterprise.
- Red Hat OpenStack Platform is a cloud computing platform that virtualizes resources from industry-standard hardware, organizes those resources into clouds, and manages them so users can access what they need—when they need it.

# Features and Benefits



## A reliable cloud foundation

OpenStack relies on Linux, and Red Hat OpenStack Platform is co-engineered with Red Hat Enterprise Linux.



## Partner with hundreds of certified providers

Customize your OpenStack cloud with help from our certified OpenStack partner ecosystem.



## Unified management

Use the platform's integrated cloud director while Red Hat CloudForms tracks costs, controls resources, and ensures compliance.



## Deploy a secure private cloud

With Red Hat Enterprise Linux at its core, Red Hat OpenStack Platform includes key security features such as Security-Enhanced Linux.



## Ready-to-use cloud storage

Pair OpenStack with Red Hat Ceph Storage for object, block, and file storage that improves your cloud's performance.



## Update a little. Update a lot.

Choose how long you want to standardize. We support some releases for up to 5 years.

# Our Other Products

# Platforms

- [Red Hat Enterprise Linux](#)
- [Red Hat JBoss Enterprise Application Platform](#)
- [Red Hat OpenStack Platform](#)
- [Red Hat Virtualization](#)

# Middleware

- [Red Hat Runtimes](#)
- [Red Hat Integration](#)
- [Red Hat Process Automation](#)
- [Red Hat Middleware Portfolio](#)



# Storage

- [Red Hat OpenShift Container Storage](#)
- [Red Hat Ceph Storage](#)
- [Red Hat Hyperconverged Infrastructure](#)
- [Red Hat Gluster Storage](#)

# Application development

- [Red Hat CodeReady Studio](#)
- [Red Hat CodeReady Workspaces](#)
- [Red Hat JBoss Enterprise Application Platform](#)
- [Red Hat OpenShift](#)
- [Red Hat Middleware Portfolio](#)

# Automation and management

- [Red Hat Advanced Cluster Management for Kubernetes](#)
- [Red Hat Ansible Automation Platform](#)
- [Red Hat Insights](#)
- [Red Hat Satellite](#)
- [Red Hat Smart Management](#)
- [Red Hat Process Automation](#)

# Our Solutions

# By solution

- Hybrid cloud infrastructure
- Cloud-native development
- Automation
- Digital transformation

# By organization type

- Financial services
- Public sector
- Healthcare
- Telecommunications

# By customer

- UPS
- Cathay Pacific
- Lufthansa Technik
- Amsterdam Airport Schiphol
- BBVA
- British Army
- Elo

# Our Learning and Support



# Services

- Consulting
- Open Innovation Labs
- Technical Account Management

# Training and certification

- [Red Hat System Administration I \(RH124\)](#)
- [Automation with Ansible \(DO407\)](#)
- [Red Hat OpenShift Administration I \(DO280\)](#)
- [Red Hat Certified System Administrator \(RHCSA\)](#)
- [Red Hat Certified Engineer \(RHCE\)](#)

# Support

- [Customer Portal](#)
- [Troubleshooting](#)
- [Product documentation](#)
- [Support cases](#)
- [Subscription model](#)
- [Subscription management](#)
- [Contact customer service](#)

Contact Us

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Talk to Red Hatter : <https://www.redhat.com/en/contact#tab.contact-method.0>

Thank You