

Expand your business possibilities with Red Hat and AWS




“Our developers can work faster and smarter to build more applications for our customers, instead of spending time on infrastructure . . . [W]e’re seeing features and applications getting to market five times faster.”

Clemens Utschig-Utschig
Head of IT Technology Strategy & CTO,
Boehringer Ingelheim

Customer successes

Several organizations already benefit from Red Hat and AWS solutions.

[Cathay Pacific Airways Limited](#), a major international airline with revenue of US\$11 billion, designed and implemented a modern hybrid cloud IT architecture platform that provides on-demand scalability and portability and more efficient and cost-effective work processes.

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Creating value depends on your ability to deliver applications faster

Business is changing, and keeping up with fluctuations in markets, customer demands, and the competition is not easy. To remain successful, you need to develop and deploy applications quickly, securely, reliably, and flexibly.

Modernization is essential. Technologies like containers, Kubernetes, and hybrid cloud architectures are key components that provide the scalability, innovation, and flexibility you need to maintain a competitive edge, grow market share, and increase margins.

Red Hat and Amazon Web Services (AWS) offer a hybrid cloud environment that modernizes IT management and application development, adapts to your schedule, and prepares you for change.

Modernize with Red Hat and AWS

Together Red Hat and AWS offer you the tools to reduce complexity and simplify your environment, innovate faster, deliver high-quality customer experiences, and expand and scale your infrastructure in any direction so you can be a disruptor in your industry.

Red Hat® provides a flexible, consistent foundation for both new and legacy applications, using innovative, security-focused Linux® and Linux container platforms.

- ▶ Red Hat Enterprise Linux on AWS is a stable platform with fully committed, extended life cycles and predictable CapEx and OpEx. It also maintains a consistent foundation across hybrid cloud deployments.
- ▶ [Red Hat Enterprise Linux for Workstations](#) on AWS is also available on AWS Marketplace ([GRID driver](#) and [TESLA driver](#)), delivered via [NICE DCV](#), a high-performance remote display protocol with enhanced security components. The workstation-as-a-service solution is optimized for high-performance workloads, with an emphasis on graphically-intensive processes.
- ▶ Red Hat OpenShift® is the industry’s most comprehensive enterprise Kubernetes platform—with full-stack automated operations to manage hybrid cloud and multicloud deployments—optimized for developer productivity and innovation. Red Hat OpenShift is available on AWS through three deployment models:
 - ▶ Red Hat OpenShift Service on AWS —a fully managed service—purchased directly from AWS.
 - ▶ Fully managed service from Red Hat with the option to deploy on AWS.
 - ▶ Managed in-house by your organization.

Red Hat also provides other integrated software components, like Red Hat JBoss® Application Platform, Red Hat Integration, and Red Hat Ansible® Automation Platform tools for automation and management, to customize your environment.

Employers, a workers' compensation insurance company, adopted Red Hat OpenShift with AWS to create a central application environment and automate policy processes. With this foundation for agile, responsive workflows, Employers has achieved a 40% increase in three-year sales and a more efficient customer experience.

[See more studies.](#)

About Red Hat

Red Hat helps customers standardize across environments, develop cloud-native applications, and integrate, automate, secure, and manage complex environments with [award-winning](#) support, training, and consulting services.

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AWS delivers cloud-based, security-focused, resizable compute capacity for workloads and applications using a globally distributed network of datacenters. With AWS, you can deploy and run the same Red Hat products you use on-premise in a cloud environment. The AWS Marketplace lets you purchase Red Hat subscriptions—including Red Hat Enterprise Linux versions optimized for SAP and Microsoft SQL Server—yearly or for on-demand use. On-demand subscriptions feature hourly billing, allowing you to scale elastically and cost-effectively. You can also easily move your Red Hat subscriptions between on-premise and AWS environments through the Red Hat Cloud Access program.

Innovate faster and deliver high-quality customer experiences

With Red Hat and AWS, you can access the latest hardware and software to provide developers with an environment that supports speed and innovation. Red Hat OpenShift and AWS advanced management, automation, and security tools streamline IT maintenance. This eliminates the need for developers to manage infrastructure so they can focus on writing code. They can build, test, rollout, scale, and support feature updates, extensions, and customer experience improvements quickly and efficiently.

Get more out of your data and IT investments

You can integrate applications and data across hybrid clouds and extend to the outer edges of your enterprise with Red Hat and AWS. Red Hat Integration lets you share data between legacy applications, cloud-native applications, microservices, Internet of Things (IoT) devices, and applications in real time. In addition, AWS has a growing portfolio of native services to complement workloads running on Red Hat solutions. You can integrate the latest cloud services, like artificial intelligence/machine learning (AI/ML), data lakes and analytics, IoT, and augmented/virtual reality (AR/VR) into your existing application environment to deliver more value to your customers.

Expand and scale your infrastructure—in any direction, at any time

Red Hat and AWS deliver a consistent, global, cloud-based infrastructure that lets you easily extend your IT environment as your business demands grow. You can build a consistent, hybrid foundation with tools that operate the same way, regardless of whether they are used on site or in a cloud environment. You can also scale easily and elastically with AWS instances and Red Hat Enterprise Linux automated decision making, policies, and provisioning.

Learn more

Red Hat and AWS deliver a common platform in the datacenter and in the AWS cloud, providing choice and flexibility—no matter whether you are working in a hybrid cloud environment or fully in a public cloud environment. With Red Hat and AWS, you benefit from the experience of two companies that are leaders in helping to modernize applications and infrastructure around the world. Learn more about the [AWS and Red Hat partnership](#).

About Amazon Web Services

For over 15 years, Amazon Web Services has been the world's most comprehensive and broadly adopted cloud offering. AWS has been continually expanding its services to support virtually any cloud workload, and it now has more than 200 fully featured services for compute, storage, databases, networking, analytics, machine learning and artificial intelligence, Internet of Things, mobile, security, hybrid, virtual and augmented reality, media, and application development, deployment, and management from 81 Availability Zones within 25 geographic regions, with announced plans for 21 more Availability Zones and seven more AWS Regions in Australia, India, Indonesia, Israel, Spain, Switzerland, and the United Arab Emirates. Millions of customers—including the fastest-growing startups, largest enterprises, and leading government agencies—trust AWS to power their infrastructure, become more agile, and lower costs.