

# Focus on business goals in the cloud

## The business value of Red Hat Enterprise Linux

Compared to unpaid alternatives, Red Hat Enterprise Linux helps your teams get more done, faster, no matter where they work:<sup>2</sup>

- 32% more efficient IT infrastructure teams
- 65% faster identification of security risks
- 23% faster development lifecycles
- 72% less unplanned downtime
- 24% lower 3-year cost of operations
- US\$17.31 million average higher net revenue per year per organization

## Deploy an operating system that supports your business goals across clouds

Across industries, organizations are moving to a cloud environment to achieve digital business goals. In fact, 72% of organizations have a multicloud strategy in place, and 50% of enterprise workloads run in a public cloud.<sup>1</sup>

Choosing an operating system (OS) when moving to a cloud environment is a strategic decision. Your OS forms the foundation for your entire environment—security, management, portability, and lifecycle planning begins with your OS. Standardizing on a single operating foundation across your datacenter and cloud environment can greatly simplify your path. Rather than splitting operations and management into multiple domains, your teams can use a single set of tools and platforms to deploy, run, safeguard, and move applications and workloads across multiple footprints.

Even so, not all OSs offer the features, capabilities, and resources to operate effectively and efficiently in hybrid and multicloud environments. Consistency, security, manageability, interoperability, and support across your entire environment are critical for making the most of your cloud investments.

**Red Hat® Enterprise Linux®** delivers more value for your organization by providing a flexible, stable, and reliable foundation for hybrid and multicloud environments. This cloud-ready, security-focused OS provides a consistent, tailored experience across footprints—including physical hardware, virtual machines, hybrid cloud, multicloud, and even edge computing infrastructure. Standardizing on Red Hat Enterprise Linux for both on-site datacenter and cloud environments can help improve productivity, security, and operations as you adapt to a more digital world.

No matter where you deploy it, Red Hat Enterprise Linux gives you access to:

- ▶ Flexible consumption models and purchasing options.
- ▶ Award-winning support and expertise.
- ▶ Proactive analytics and management tools and services.
- ▶ Security certifications, tools, and resources.
- ▶ Developer tools and programs.

## How to purchase, deploy, and use Red Hat Enterprise Linux

Red Hat solutions are designed for hybrid and multicloud environments, so you can deploy Red Hat Enterprise Linux wherever it is needed. Red Hat offers multiple purchasing options to fit your organization's procurement processes.

- ▶ Purchase subscriptions from Red Hat and use them on-site or via [Red Hat Cloud Access](#).

<sup>1</sup> Flexera. "Flexera 2025 State of the Cloud Report," March 2025.

<sup>2</sup> IDC White Paper, sponsored by Red Hat. "The Business Value of Red Hat Solutions Versus Non-Paid Open Source Alternatives," March 2023. Document #US50423523.

## Choose your cloud provider

Red Hat works with all major cloud providers, plus a large selection of regional providers, to ensure Red Hat Enterprise Linux runs well in their cloud environments.

Learn more about our cloud partnerships:

- [AWS](#)
- [Microsoft Azure](#)
- [Google Cloud](#)
- [IBM Cloud](#)
- [Alibaba Cloud](#)

Find the right certified cloud provider for your organization: [catalog.redhat.com/cloud](https://catalog.redhat.com/cloud).

## Activate Red Hat Lightspeed to gain benefits today

Realize the benefits of Red Hat Lightspeed now. Visit [console.redhat.com](https://console.redhat.com) and [register your systems](#) to get started with these no-cost services.

- ▶ Obtain Red Hat Enterprise Linux instances from your cloud provider console or marketplace.
- ▶ Use your cloud provider [committed spend and discount programs](#) for Red Hat Enterprise Linux instances in the cloud.
- ▶ Use the [Red Hat Hybrid Committed Spend program](#) for discounted pricing and flexible payment options across cloud providers.

Red Hat worked closely with the largest cloud providers—Amazon Web Services (AWS), Microsoft Azure, and Google Cloud—to create cloud-optimized versions of Red Hat Enterprise Linux. These offerings bring together a leading Linux OS with built-in, cloud provider-specific configurations that ensure performance, integration, and observability for your cloud workloads so you can focus on initiatives that move your business forward, rather than spending time on operational tasks.

## Benefits of cloud-optimized Red Hat Enterprise Linux

- ▶ **Save time with a pretuned image that is ready to run.** Red Hat Enterprise Linux images are fully integrated and preconfigured for high performance with cloud provider-specific profiles.
- ▶ **Simplify monitoring with enhanced observability and reporting.** View your Red Hat Enterprise Linux assets in the same manner as you view the rest of your cloud assets.
- ▶ **Speed operations with built-in management tools.** Red Hat Enterprise Linux is preconfigured for each cloud provider's specific tools, providing "ready to run" management on your cloud of choice.
- ▶ **Increased security from boot to runtime.** Secure boot and image attestation ensure customer workloads run on the latest top-down security technologies from image boot through runtime.
- ▶ **Minimize infrastructure deviation.** [Image mode](#) simplifies building, deploying, and managing Red Hat Enterprise Linux with container tools and technologies. Image mode enables automated updates and rollbacks—just like your smartphone.

Red Hat Enterprise Linux offerings provide superior integration, security, and manageability, and lay the foundation for standardization. As always, Red Hat Enterprise Linux provides a consistent platform across clouds and on-premise, between development and production environments, and for a wide range of workloads. Whether you are migrating existing subscriptions to the cloud or deploying a new instance directly from a cloud marketplace, cloud-optimized Red Hat Enterprise Linux makes it simple to get started on your cloud of choice.

## Access award-winning support and expertise

Regardless of how you purchase Red Hat Enterprise Linux, you are backed by Red Hat's award-winning support organization in coordination with your cloud providers' support teams. Red Hat works with cloud partners to provide expertise, knowledge, and, in some cases, joint support models to make certain you successfully accomplish your goals with Red Hat solutions. You receive the same high-value experience whether you obtain Red Hat Enterprise Linux directly from Red Hat or through your cloud provider.

You can choose from several levels of support to meet the needs of different teams and your budget. For example, you can choose self-support for development systems and premium 24x7 support for production systems. [Red Hat Support](#) works closely with Red Hat engineering and product teams, as well as partners, to solve issues more quickly and with less hassle. Specialty-based routing ensures

### Save time and effort with Red Hat Lightspeed

Red Hat Lightspeed helps you reduce the time spent on common management tasks:<sup>3</sup>

- 28% less hands-on time to detect and remediate compliance issues
- 79% less hands-on time to detect and remediate CVEs
- 86% less hands-on time to detect and remediate known issues

support calls and tickets go directly to the right experts. Red Hat compiles helpful documentation on the [Red Hat Customer Portal](#) based on solutions from past support cases. Red Hat Customer Portal also publishes reference architectures, best practices, product documentation, videos, collaborative discussion, labs, and tools.

### Streamline operations and management across clouds

Standardizing on Red Hat Enterprise Linux lets you use the same management tools to administer all of your environments, saving time and effort. [Red Hat Lightspeed](#) (formerly Red Hat Insights) is included with Red Hat Enterprise Linux. It is a unique suite of hosted services to help you manage and optimize your hybrid cloud environment, and it uses predictive analytics and deep domain expertise to streamline operational tasks.

Red Hat Lightspeed boosts your subscription with AI-powered management and advanced security capabilities. Gain visibility into business, operations, and security risks to proactively identify and mitigate issues across your infrastructure before they affect your bottom line. To further simplify operations, you can link your Red Hat account to your cloud provider account and choose to automatically connect your cloud-based systems and workloads to Red Hat Lightspeed and other Red Hat services upon provisioning.

Red Hat Lightspeed offers key capabilities for hybrid and multicloud environments, including:

- ▶ **Subscription services.** Track and optimize your Red Hat Enterprise Linux subscription use across your entire environment.
- ▶ **Resource optimization service.** Select the size of your public cloud deployments using central processing unit (CPU), memory, and input/output (I/O) performance metrics that tell you whether your systems are optimized, undersized, oversized, under pressure, or idling.
- ▶ **Image builder service.** Create, manage, and deploy Red Hat Enterprise Linux images consistently and rapidly across clouds. Red Hat Enterprise Linux includes [certified gold images](#) to speed deployment.
- ▶ **Vulnerability service.** Scan your systems for Common Vulnerabilities and Exposures (CVEs) and access prioritized remediation guidance.
- ▶ **Compliance and policies services.** Set policies and track adherence to compliance requirements across systems and cloud environments.
- ▶ **Malware service.** Detect malware in your systems, regardless of where they are deployed.
- ▶ **Advisor service.** Rapidly identify operational risks and [issues identified by your cloud provider](#) across large-scale environments and access prioritized remediation guidance.
- ▶ **Deviation service.** Identify configuration discrepancies that can lead to performance, availability, security, and compliance issues.
- ▶ **Patch service.** Manage patching across all Red Hat Enterprise Linux systems in your environment.

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<sup>3</sup> *Principled Technologies, sponsored by Red Hat. "Save administrator time with the automated remediation capabilities of Red Hat Lightspeed." October 2024.*

## Access tools and resources through Red Hat Developer

The [Red Hat Developer program](#) provides tools, technologies, and a community of builders to help you solve problems, connect with colleagues, stay current, and lead your projects forward.

[Red Hat Developer Subscription for Teams](#)—available at no cost for organizations already using Red Hat products—includes access to Red Hat Developer e-books, cheatsheets, and other useful content.

## Maintain security and compliance in the cloud

Standardizing on Red Hat Enterprise Linux provides the consistency you need to maintain a security-focused and compliant cloud environment. Built-in security features like [live kernel patching](#), security profiles, security standards certification, and a [trusted software supply chain](#) help you meet complex high security and compliance expectations. A modular package structure reduces your attack surface and protects your systems in the cloud. Default settings are based on best practices, so your systems are configured for increased security in a cloud environment from the start. An included identity management tool lets you adopt zero trust architectures more readily.

The [Red Hat Product Security team](#) monitors, identifies, and addresses risks swiftly and provides tools and data to help measure security. Automated tools, regular updates and patch releases, and accessible expertise safeguard your environment. Red Hat Lightspeed compliance service helps you track your organization's adherence to compliance requirements across your environments and provides remediation guidance to help you maintain compliance over time.

## Support your developers no matter where they work

Adopting a common platform like Red Hat Enterprise Linux for development, test, and production environments shortens time to launch for new applications and reduces the risk of incompatibilities and issues. Red Hat Enterprise Linux delivers access to reliable OS images as well as the toolchains, libraries, container tools, and runtimes to streamline the path from development to production. Updates are delivered via [application streams](#), allowing developers and IT architects to experiment with the latest tools, runtime languages, and databases while still maintaining earlier versions of production applications.

Red Hat also offers developer resources, programs, and subscriptions to help organizations develop on Red Hat Enterprise Linux more easily and cost-effectively:

- ▶ [Red Hat Developer program](#)
- ▶ [Red Hat Developer Subscription for Individuals](#)
- ▶ [Red Hat Enterprise Linux for Business Developers](#)
- ▶ [Red Hat Developer Subscription for Teams](#)

## Gain more value from your OS

Standardizing on a flexible, stable, and reliable operating system across hybrid and multicloud environments can simplify your cloud journey. Red Hat Enterprise Linux is optimized for cloud environments and gives you a consistent, manageable, and security-focused foundation for getting the most value from your cloud investments.

Learn more about the value of [Red Hat Enterprise Linux](#).



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### 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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