

# RED HAT ENTERPRISE LINUX 8 BETA

DATASHEET



## 100%

of airlines, telecommunications service providers, and commercial banks in the Fortune 500 and 100% of U.S. executive departments trust Red Hat Enterprise Linux 8.<sup>1</sup>

Red Hat Enterprise Linux is the most-deployed commercial Linux distribution in the public cloud.<sup>2</sup>

## BUILD A CONSISTENT FOUNDATION FOR HYBRID CLOUD OPERATIONS

Digital business requires IT organizations to become more agile and flexible. They must adapt quickly to a changing competitive landscape and speed delivery of high-value, differentiated services to meet customer demand. As a result, many organizations are deploying cloud technologies in hybrid and multicloud configurations. Red Hat® Enterprise Linux® 8 gives enterprises a secure and consistent foundation for hybrid cloud deployments, as well as tools to deliver services and workloads faster and with less effort.

## KEY FEATURES AND BENEFITS

By giving you more control, confidence, and freedom to innovate, Red Hat Enterprise Linux 8 reduces the friction and cost of cloud deployment while accelerating time to market for critical business workloads. Enhanced usability and familiar, intuitive deployment and management interfaces help Windows and Unix users get started with Linux more easily. Complete, native automation lets you deliver services faster and more consistently across on-premise and cloud infrastructure. Streamlined access to high-quality, open source development tools helps you build and launch new products more rapidly.

### CONTROL

Focus on business growth instead of reacting to security vulnerabilities and costly management configuration mistakes. Hardened, certified, and proactively supported by the Red Hat Product Security team, Red Hat Enterprise Linux 8 gives you built-in security controls and scale-out manageability using interfaces familiar to both Linux and Windows administrators.

### Security and compliance

A more secure datacenter begins with the operating system. Red Hat Enterprise Linux provides security technologies, controls, certifications, and the ongoing support of the Red Hat Product Security team to combat intrusions, protect your data, and meet regulatory compliance.

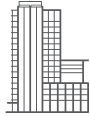
### Platform manageability

To support digital operations, IT organizations must deliver more business value and spend less time manually managing their underlying infrastructure. As a consistent foundation for your hybrid datacenter, Red Hat Enterprise Linux 8 provides built-in manageability and integration with the broader Red Hat management and automation portfolio. This consistency could help you realize up to 42% IT staff time savings and 74% less unplanned downtime compared to non-paid Linux infrastructure.<sup>3</sup>

<sup>1</sup> Red Hat client data and Fortune 500 list, 2018.

<sup>2</sup> Management Insight Technologies. "The State of Linux in the Public Cloud for Enterprises," February 2018. [redhat.com/en/resources/state-of-linux-in-public-cloud-for-enterprises](https://redhat.com/en/resources/state-of-linux-in-public-cloud-for-enterprises).

<sup>3</sup> IDC, "The value of standardizing on Red Hat infrastructure solutions," November 2017. [redhat.com/en/resources/value-of-standardizing-red-hat-infrastructure-solutions](https://redhat.com/en/resources/value-of-standardizing-red-hat-infrastructure-solutions).



## 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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## CONFIDENCE

Operate with the confidence that comes from running your revenue-generating workloads on a proven, reliable, and high-performance foundation. With a 10-year life cycle and application-stable updates, Red Hat Enterprise Linux 8 gives you up to 99.999% uptime, record-breaking performance, and access and advocacy to the global open source community.<sup>4</sup>

### Stability and reliability

Hardened, tested, and predictable, Red Hat Enterprise Linux 8 gives you the confidence to run your critical applications. Trusted by 100% of airlines, telecommunications service providers, and commercial banks in the Fortune 500 and 100% of U.S. executive departments, Red Hat Enterprise Linux 8 is your foundation for hybrid cloud datacenters.<sup>5</sup>

### Performance and efficiency

Modern business applications require more bandwidth and increased storage, placing a performance strain on traditional operating systems and hardware. As a performance market leader, Red Hat Enterprise Linux is ready to run your toughest workloads across diverse areas like computational scalability, application performance, database throughput, and demanding storage requirements.

## FREEDOM TO INNOVATE

Develop, deploy, and maintain your applications with your developer tools—on infrastructure you choose. With thousands of certified hardware, software, and cloud providers, Red Hat Enterprise Linux is your consistent foundation for innovation, offering the latest stable development tools, container technologies, hardware, and cloud advancements, as well as support for the broader Red Hat portfolio.

### Application experience

Infrastructure exists to support the applications that power business today and open new markets tomorrow. As a consistent, flexible, and reliable foundation across bare-metal, virtual, and cloud infrastructure, Red Hat Enterprise Linux 8 resolves the tension between development agility and production stability for modern, cloud-native enterprise applications.

### Multiplatform support

Modern business demands more IT innovation, from computational problem solving and artificial intelligence to multicloud deployment and support for the Internet of Things (IoT). Red Hat Enterprise Linux gives you the freedom to design and build infrastructure and applications based on your business needs, independent of underlying hardware or cloud architectures.

## Ecosystem

Cloud, hardware, and software technologies are the foundation for your own innovations. With Red Hat Enterprise Linux 8, you gain access to and advocacy within an extensive community of partners, customers, and experts working to advance the components your organization needs.

## LEARN MORE

To learn more about Red Hat Enterprise Linux 8, contact your Red Hat representative or visit [redhat.com/en/technologies/linux-platforms/enterprise-linux](https://redhat.com/en/technologies/linux-platforms/enterprise-linux).

<sup>4</sup> Red Hat, "Red Hat and Meteorcomm Collaborate to Support Deployment of Interoperable Positive Train Control Communication System, Improve Railroad Safety," September 2013.

<sup>5</sup> Red Hat client data and Fortune 500 list, 2018.