

# Why choose Red Hat for your Linux solution

Find out how your OS can become the foundation that solidifies and unifies your IT infrastructure. Learn what practical cloud adoption looks like, what happens when cloud projects fail, and how the meaning of OS is changing.

Read the e-book [Why the operating system matters](#).

## Streamline your operations

**As teams build and deploy new applications across physical and hybrid cloud infrastructures, environments can become more complex.**

With this complexity, it becomes difficult to manage multiple operating systems (OS) that require unique configuration, access, and administrative controls. If your organization is struggling with workloads that span across multiple environments, it is likely that you are also seeing costs continue to increase while efficiency continues to decrease.

Finding the right platform to support application development and management and streamline your operations is critical. One that can be configured and deployed at scale, and can provide assurances to life cycle and increased security. When comparing Linux® solutions, consider that Red Hat® Enterprise Linux provides a stable foundation with the flexibility and reliability organizations need for innovation and long-term success.

## Reduce complexity with standardization

**Find the right foundation for your infrastructure that provides a consistent platform for all physical, virtual, and public cloud deployments.**

Red Hat Enterprise Linux prevents business disruption and makes it easier for IT teams to manage environments and prepare for success over the long term. Developers gain the ability to innovate faster across hybrid cloud environments. The application streams feature provides multiple versions of tools, which allows developers to access the latest stable version of the languages, modules, and database to test and deploy cloud-ready applications with less difficulty. Support is also included for teams that need older versions to run what already exists effectively.

With standardized and consistent experiences across the hybrid cloud, developers can innovate faster without the friction caused by leaving existing workloads and applications behind in adopting the right OS to support future business needs.

## Security technologies, certifications, and support

**Gain the competitive advantage of open source with built-in security resources and tools that help to mitigate risk by maintaining necessary compliance.**

Open-source technology is where some of the leading innovations for hybrid cloud and edge deployments can be found. While organizations want to gain the ability to scale what these innovations offer, maintaining security and compliance is imperative. Red Hat Enterprise Linux grants access to innovative, open-source solutions with built-in security features and certifications to help continuously improve security and compliance.

Automated security-focused tools handle regular updates and patch releases to minimize downtime and help safeguard IT environments. Active subscriptions also include access to live kernel patches for critical and common vulnerabilities and exposures (CVEs). Red Hat's security team scans and remediates software while continuously working on new resources to help your organization stay compliant.

No matter where Red Hat Enterprise Linux is deployed across your hybrid cloud environment, it maintains the same level of stability, security, and reliability so organizations can operate with complete confidence.

## Get started with Red Hat Enterprise Linux

Read more about how to determine which Linux operating system can help your organization succeed long term with [4 considerations for standardizing on a Linux platform](#). To get started, explore how Red Hat can help you solve practical problems with Red Hat Enterprise Linux [self-paced labs](#). These preconfigured Red Hat Enterprise Linux instances run directly from your browser, allowing you to experiment with Red Hat at your own pace.



### 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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