

## Red Hat Enterprise Linux Server

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## The world's leading enterprise Linux platform

Red Hat® Enterprise Linux® Server gives you 3 things: stability that frees you to take on your biggest challenges, the flexibility to do what's most important in the future, and an extensive ecosystem that supports your success. Whether rolling out new applications, virtualizing environments, or creating an open hybrid cloud, Red Hat Enterprise Linux Server is the foundation you need to build your business.

- [Red Hat Enterprise Linux Server datasheet](#)
- [What's new in Red Hat Enterprise Linux 7 technology overview](#)
- [Adobe case study](#)

### BENEFITS & FEATURES

#### **Security**

Red Hat Enterprise Linux delivers military-grade security technologies to prevent intrusions and protect your data. From network firewall control to secure containers for application isolation, Red Hat Enterprise Linux is one of the most secure operating systems available. It is certified for deployment in government agencies where data protection is of the utmost importance. You can secure applications with a common and comprehensive suite of technologies and policies across physical, virtual, and cloud deployments—all backed by Red Hat's global Security Response Team.

#### **Application isolation & resource management**

Red Hat Enterprise Linux supplies you with a set of essential tools to build and maintain highly available, high-performance storage solutions. Numerous file systems options and a robust suite of storage management capabilities give you the flexibility to adapt and scale as your business grows.

#### **Performance**

Red Hat Enterprise Linux is ready to run your toughest workloads out-of-the box. In addition, a set of performance-optimized profiles and tuning utilities help you to tailor and align system behavior for your particular workloads. As one of the highest performing operating systems available, Red Hat Enterprise Linux is frequently chosen as the platform to run industry benchmarks that showcase leadership in diverse areas such as computational scalability, application performance, and database throughput.

#### **System deployment & management**

Red Hat Enterprise Linux provides system administrators with a powerful framework to simplify both deployment processes and system configuration. A concise set of commands and intuitive graphical user interface ensures that Red Hat Enterprise Linux is able to help you manage your infrastructure with ease.

#### **Interoperability**

Red Hat Enterprise Linux interoperates with heterogeneous systems including UNIX and Microsoft Windows Server. Integration with Microsoft Active Directory and the identity management features within Red Hat Enterprise Linux make this possible. Additionally, Red Hat Enterprise Linux can be deployed as a guest operating system across public clouds and several supported hypervisors, further extending its flexibility.

#### **Variants**

For high-performance computing

Red Hat offers packages specifically for the scientific high-performance computing (HPC) user to deploy clusters of systems to tackle the most challenging workloads. Subscriptions for Red Hat Enterprise Linux in clusters are affordable, easy to deploy, and support hardware scale out.

#### **For IBM Power**

Deploy applications with confidence using the advanced features in IBM Power systems and the consistency and flexibility of the market-leading Red Hat Enterprise Linux operating platform.

#### **For IBM System z**

Built on more than a decade of industry collaboration, Red Hat Enterprise Linux for IBM System z brings Linux applications to the mainframe, and delivers efficient management for your Linux workloads. Combine the core strengths of the IBM mainframe and IBM software with the open flexibility of Linux to reduce complexity and costs for today's applications.

#### **For SAP Business Applications**

Red Hat Enterprise Linux Server for SAP Business Applications allows you to reduce the complexity of your SAP application deployments. It includes the infrastructure software stack you need for the best possible operation of SAP applications, plus enterprise-class service and support. As a Red Hat customer, you can get a ready-to-use, fully supported SAP environment in one package for new installations and for migrations of existing Red Hat Enterprise Linux systems.

#### **For SAP HANA**

Red Hat Enterprise Linux for SAP HANA allows you to choose the world's leading enterprise Linux platform to provide an open, reliable, and scalable foundation for your most demanding data solutions. It delivers a ready-to-use environment that comes pre-configured for performance and high-availability and includes optimization features specific to SAP HANA deployments.

#### **How to Buy**

Buy online

Visit the Red Hat online store to purchase Red Hat Enterprise Linux Server.

Contact Red Hat sales to learn more about Red Hat Enterprise Linux Server, get an evaluation copy, or purchase Red Hat Enterprise Linux Server.

#### **Find a reseller**

Red Hat works with an ecosystem of partners to build, optimize, and deliver complete solutions. Through our global network of leading hardware, software, and service provider vendors, Red Hat offers you a wealth of proven technology solutions that solve real-world business challenges.

## **Red Hat Enterprise Linux Server**

A versatile platform for x86 and x86-64 that can be deployed on physical systems, as a guest on the major hypervisors, or in the cloud.

Red Hat offers packages specifically for the scientific user to deploy clusters of systems to take on the most challenging of missions:

- **Red Hat Enterprise Linux for HPC Head Node**
- **Red Hat Enterprise Linux for HPC Compute Node**

## **Red Hat Enterprise Linux for IBM System z**

Red Hat Enterprise Linux, deployed on IBM System z, provides flexibility, performance, and scalability for server consolidation and mainframe reliability.

Deploy applications with confidence using the advanced features in IBM Power Systems and the consistency and flexibility of the market-leading Red Hat Enterprise Linux operating platform.

Red Hat packages and supports the software infrastructure stack required for optimal operation of SAP applications with enterprise-class service and support.