

# Red Hat Enterprise Linux 8

La base fundacional de la nube híbrida

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# helo

The intelligent OS for your next big thing.



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# Red Hat Enterprise Linux 8

# Build your future on a stable, high-performing platform that can scale to meet the needs of your organization today and tomorrow.



# Red Hat Enterprise Linux 8



#### Easier adoption

for staff new to Linux®



#### More subscription value

with Red Hat Insights, now included in all Red Hat Enterprise Linux subscriptions



#### Increased speed and ease

of deployment



#### A consistent experience

across bare-metal, virtual, and public and hybrid cloud environments



#### Eased transition

to and adoption of containerized workloads with community-driven, new container management tools



#### Broad ecosystem

of supported applications



### The foundation of digital transformation

DevOps Digital Containers transformation Artificial intelligence Internet of things

# Digital transformation can be done with Linux.

Red Hat Enterprise Linux provides an intelligent OS that is the consistent foundation for the enterprise hybrid cloud. It allows you to deliver any application on any footprint at any time, giving you control, confidence, and freedom.





# Benefits of a consistent foundation with Red Hat Enterprise Linux

Deliver workloads faster with less effort

Reduce IT friction and costs of dynamic business changes Increase agility and reduce time to market for critical workloads

Deliver any application on any footprint at any time



# Reduce the friction and cost of change in the support of service delivery



Faster, more consistent delivery in any deployment footprint with full-coverage native automation

Leading, security-focused platform in any cloud infrastructure and for emerging workloads, like machine learning

Seamless, nondisruptive migration process for existing Red Hat Enterprise Linux deployments

Faster training for non-Linux users without fear of the command line



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# Increase agility and reduce time to market of critical business workloads



Faster time to "hello world" with streamlined access to high-quality open source development tools

Leading database partner for Oracle, SAP HANA<sup>®</sup>, Microsoft SQL Server, and Postgres

**Eased transition to and adoption** of containerized workloads with the inclusion of new container tools

Red Hat Insights included with every Red Hat Enterprise Linux subscription





# The intelligent operating system

#### How we deliver it

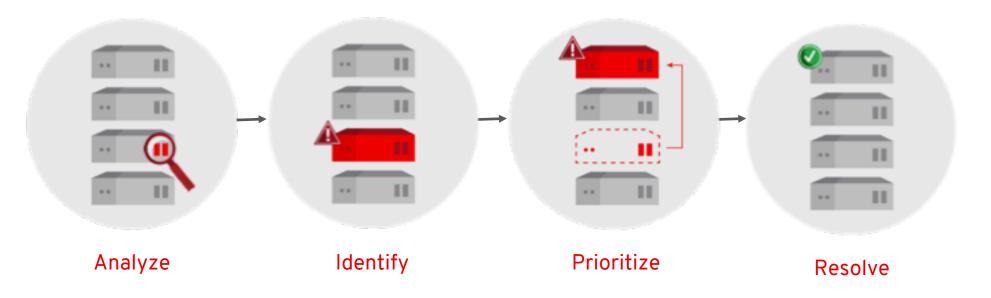
- Red Hat Insights (Software-as-a-Service/ artificial intelligence)
- System roles
- Data compression
- Image builder

#### Why you need it

- Built-in management and advice let you do more with less
- You benefit from the collective knowledge of the largest Red Hat Enterprise Linux distributor



# Gain operating intelligence





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### Detect and fix issues with Red Hat Insights

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#### **Proactive advice**

Identification of issues before they become problems

#### Continuous assessment Real-world results to help find new risks

#### Simpler remediations

Tailored results at the host level





# Faster and easier to deploy

#### How we deliver it

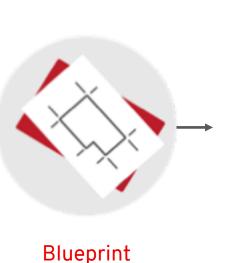
- Image builder
- Single variant for multiple use cases
- In-place upgrades

#### Why you need it

• Your digital journey requires fast adoption and deployment



## Create images for all your environments with image





Public clouds



# builder

#### Single source

Lets you create gold images for any environment from the same blueprint increasing stability and consistency

#### Any footprint

Supports public cloud, private cloud, enterprise hypervisors, and bare metal

#### Simple interface

Provides web-based view within the web console for selecting packages and creating blueprints





Enterprise application support

#### How we deliver it

 Key independent software vendor offerings (e.g., SAP, Microsoft SQL Server)

#### Why you need it

Red Hat Enterprise Linux 8 supports

 a broad ecosystem of applications
 from leading ISVs



### Optimized experiences for mission-critical databases

Microsoft SQL Server

- Red Hat Enterprise Linux is the reference platform for SQL Server on Linux
- Benchmark-breaking performance
- Fast deployment and portability via containers



- Red Hat Enterprise Linux is 1 of only 2 certified Linux distributions
- More than 20 years of Red Hat and SAP joint engineering collaboration
- Exceptional performance and scalability

   the largest SAP install in the world
   runs on Red Hat Enterprise Linux



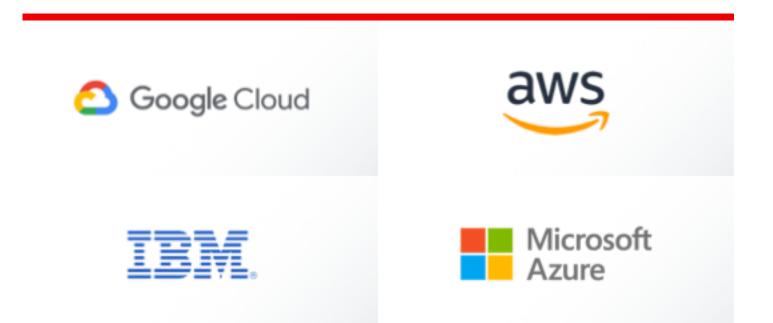
# Hardware partner ecosystem





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### Red Hat Certified Cloud and Service Providers







# Security

#### How we deliver it

- Systemwide encryption policy
- Nftables/firewalld

#### Why you need it

 You spend less effort and time managing and configuring services for security needs, without compromising core security needs



### Recording user terminal sessions

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#### Audit activities

Create a record of actions taken for review against security policies

#### Create visual guides

Build run books and training materials with demonstrations

#### Record and play back

Logged via standard channels with multiple playback options



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# Open hybrid cloud and multicloud

#### How we deliver it

- Amazon Web Services
- Microsoft Azure
- Google Cloud
- Bare metal
- Virtual

Why you need it

 You get to enjoy the same Red Hat Enterprise Linux experience regardless of the underlying infrastructure





# Containers

#### How we deliver it

- New tools
- Red Hat Universal Base Image

#### Why you need it

- Building, running, and managing containers shouldn't need root privileges or a daemon
- The foundation for building enterpriseready containerized

applications is more secure and reliable.





# Open source integration

#### How we deliver it

- Application stream
- Predictable release cadence

#### Why you need it

 You can't wait for a new major release in order to access new userspace packages such as languages and frameworks





#### How we deliver it

- Web console
- System roles

# DevOps

#### Why you need it

• Everyone, not just those comfortable with the command line, can participate in the process.



### Remote single-system views in the web console

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#### **Browser-based interface**

Offers remotely accessible user interface using host security mechanisms

#### Consolidated view

Provides single view of tasks to speed understanding and completion

#### Standard management tools

Uses system tools to change state, not a separate workflow



### New in the web console

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Virtual machines

Create and manage virtual machines

Network-bound disk encryption Enroll disks with Tang server and manage LUKS keys

Single sign-on configuration Automatically configure when joining a domain



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# Services

#### How we deliver it

- Upgrade Services
- Standard Operating Environment (SOE) Best Practices
- Security Services

#### Why you need it

- Take advantage of upgrade capability & automation to accelerate evolution & reduce upgrade risks.
- Establish strong practices for SOE definition and automation.
- Establish automated security and

compliance workflows.





# Developers

#### How we deliver it

- Polyglot out-of-the-box
- Built for Containers
- Developer Resources

#### Why you need it

- Java, GCC, Go, Rust, .NET Core, Python, PHP, Node.js, more
- Expanded set of container dev tools
- Access to RHEL 8 downloads, How To's, Get Starteds, RHEL 8 cheat sheet, articles, more.



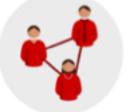


#### Value of subscription

# Red Hat value continues,

# because of how we do what we

do



#### Community



Foundation to the Red Hat portfolio



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#### FROM OUR CUSTOMERS

"We're pleased to see improved container capabilities in the OS and extensive automation."

-Tibor Incze, technical lead for Red Hat Enterprise Linux, Datacom Systems Ltd

Red Hat Enterprise Linux 8

"We are very interested in the container capabilities presented by Red Hat Enterprise Linux 8."

-Jason Beard, Sr Linux Administrator, Stream (Stream Energy)



"Red Hat Enterprise Linux 8 AppStreams will allow us to provide our researchers...[with] access to up-to-date languages & tools in a way that interoperates easily with third-party source code."

-Jim Nauer, IT engineer, Case Western Reserve University

**Red Hat** Enterprise Linux 8

#### FROM OUR CUSTOMERS

"Red Hat Enterprise Linux 8 emphasizes providing innovation along with hardened code and security updates."

-Fabio Martinez, senior manager, Architecture & Global Deployment, BBVA





# To learn more more about Red Hat Enterprise Linux 8, visit:

https://www.redhat.com/helloworld



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# Thank you

Red Hat is the world's leading provider of enterprise open source software solutions. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500.



