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Webinar: Dopo CentOS, tutto quello che serve sapere ...
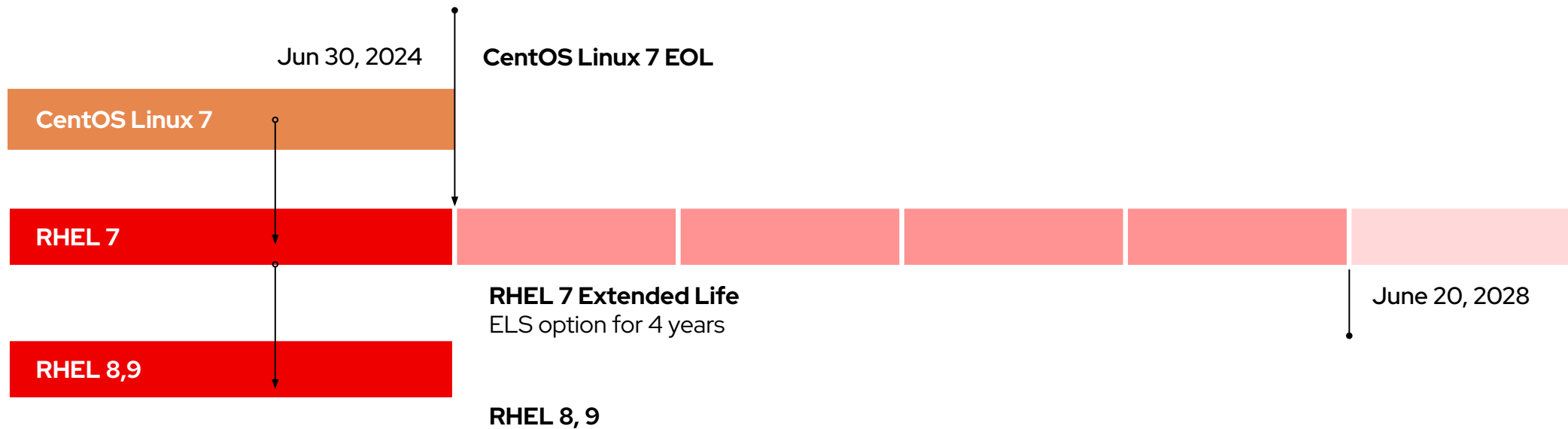
Domanda: Cosa sta per accadere agli utenti CentOS?

Red Hat

Domanda: Quali sono gli scenari che possono scegliere e quali sfide da risolvere?

Red Hat

Why convert 2RHEL?

▸ **CentOS Linux 7 End Of Life**

▸ RHEL 7 Start of Extended Life

▸ RHEL 7 ELS can be an option for migration

June 30, 2024:

. . . .

Jun 30, 2024 — **CentOS Linux 7 EOL**

CentOS Linux 7

RHEL 7

RHEL 7 Extended Life
ELS option for 4 years

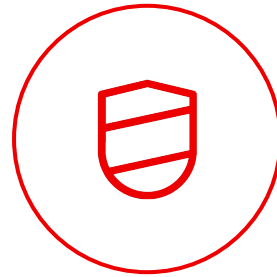June 20, 2028

RHEL 8,9

RHEL 8, 9
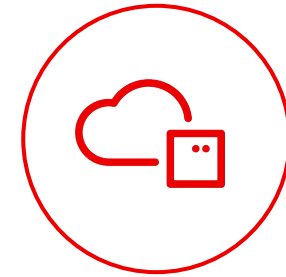
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Top challenges with CentOS Linux

Support

Organizations require a supported

enterprise–level platform

Security

No certification, with

patches and fixes delayed

or limited based on version

Ecosystem

Limited ecosystems of

hardware vendors and

third–party applications

6

Red Hat

Why move to Red Hat Enterprise Linux?

Value of Red Hat Enterprise Linux

Monitor and manage your deployment environment

Ability to perform in-place upgrade

Consistently built and tested in the same environment

Government and security certifications

Certified by many hardware and software vendors

Certified to be used as a guest or host on cloud platforms

Includes advanced automation and management tools

Live kernel patches available

Fixed life cycle and extended life cycle offerings

Enterprise-level platform support

CentOS Linux ≠ **Red Hat Enterprise Linux**

Red Hat

Instant Poll

Red Hat

Instant Poll: Avete sistemi CentOS in uso nel vostro dipartimento?

- Si

- No

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Domanda: Ci sono esperienze e progetti che avete già affrontato e ci potete condividere?

Red Hat

"Customer centricity lies at the heart of everything we do. With Red Hat Enterprise Linux, our global IT operations will innovate faster than ever to deliver the reliable, scalable experiences our customers demand."

Srini Tallapragada
President and Chief Engineering Officer, Salesforce

Salesforce standardizes global hybrid cloud infrastructure on Red Hat Enterprise Linux

Opportunity

Salesforce's IT footprint spans hundreds of thousands of systems running in traditional data center environments and the public cloud. The company's rapid growth and innovation led to a heterogeneous operating system environment (including CentOS Linux which is approaching end of life), which required additional maintenance and management from Salesforce's skilled infrastructure teams.

Solution

Salesforce is migrating more than 200,000 systems from CentOS to Red Hat Enterprise Linux, standardizing the full scope of its hybrid cloud infrastructure on Red Hat.

Expected results

- Provide a durable enterprise-grade OS platform and optimize performance and efficiency across various hardware and software architectures
- Sustain the use of highly advanced processors, which CentOS cannot support, and deliver 20–30% in savings while providing same level of performance
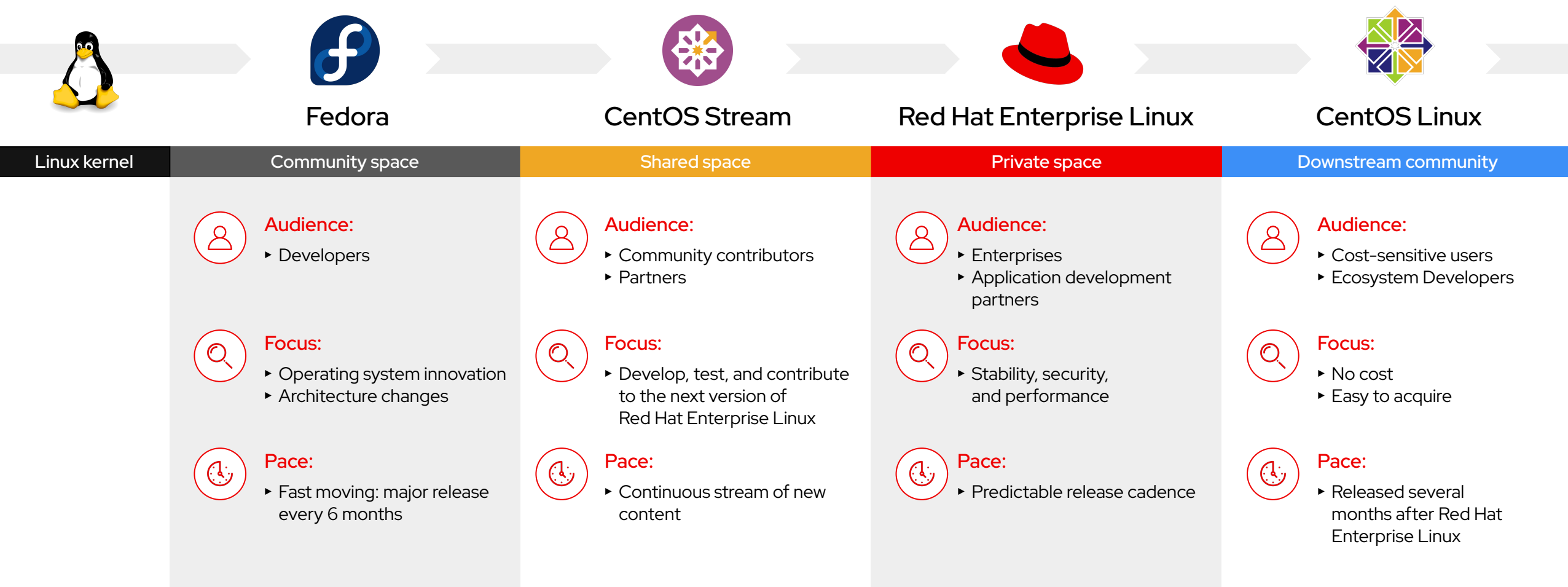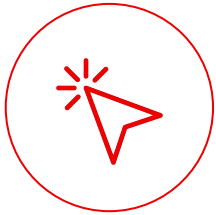- Satisfy stringent security compliance requirements

Domanda: Alessandro perché è stata fatta questa scelta?

Red Hat

Enterprise Linux ecosystem

Fedora

CentOS Stream

Red Hat Enterprise Linux

CentOS Linux

| Linux kernel	Community space	Shared space	Private space	Downstream community
	Audience: ▸ Developers	**Audience:** ▸ Community contributors ▸ Partners	**Audience:** ▸ Enterprises ▸ Application development partners	**Audience:** ▸ Cost-sensitive users ▸ Ecosystem Developers
	Focus: ▸ Operating system innovation ▸ Architecture changes	**Focus:** ▸ Develop, test, and contribute to the next version of Red Hat Enterprise Linux	**Focus:** ▸ Stability, security, and performance	**Focus:** ▸ No cost ▸ Easy to acquire
	Pace: ▸ Fast moving: major release every 6 months	**Pace:** ▸ Continuous stream of new content	**Pace:** ▸ Predictable release cadence	**Pace:** ▸ Released several months after Red Hat Enterprise Linux

Red Hat

Key facts to understand

Easily accessible

Customers and partners can continue to access Red Hat Enterprise Linux sources via access.redhat.com
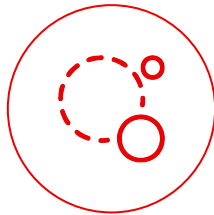
Open source

Red Hat Enterprise Linux remains a **100% open source based product**

Publicly available

Red Hat Enterprise Linux source code is still **publicly available via CentOS Stream**
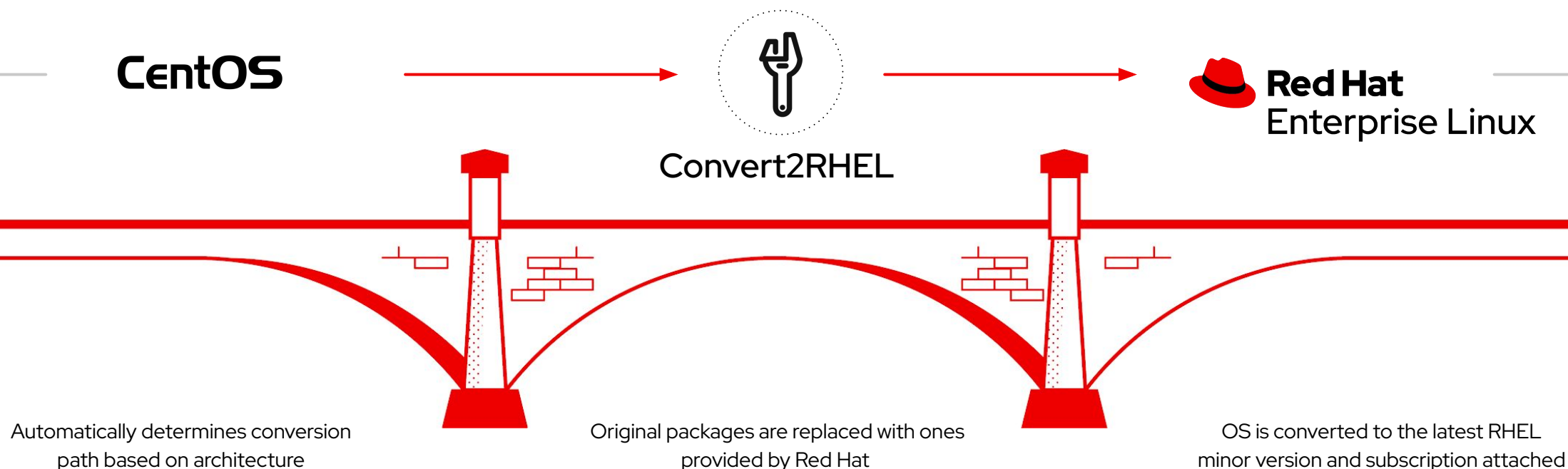
Compliance

Red Hat **still complies** with the General Public License (GPL) and other open source licenses

This change is simply the next step towards our goal of creating a space for even more **open, transparent collaboration and participation**

Red Hat

Domanda: Operativamente se ho delle macchine con CentOS come posso iniziare una migrazione a RHEL?

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Utilize our migration tool to streamline conversions from CentOS

CentOS → Convert2RHEL → Red Hat Enterprise Linux

Automatically determines conversion path based on architecture

Original packages are replaced with ones provided by Red Hat

OS is converted to the latest RHEL minor version and subscription attached

Introducing Convert2RHEL

Simplified migration to Red Hat Enterprise Linux

Convert from	Becomes
CentOS Linux 7 | Oracle Linux 7	Red Hat Enterprise Linux 7
CentOS Linux 8 | Oracle Linux 8 Rocky Linux 8 | AlmaLinux 8	Red Hat Enterprise Linux 8

Migrate to Red Hat Enterprise Linux from CentOS Linux
Convert a CentOS Linux system to Red Hat Enterprise Linux using the convert2rhel tool.

https://labs.redhat.com

▸ Self-service migration tool helps avoid costly redeployment projects

▸ Maintain existing customizations, configurations, and preferences

▸ Once migrated to Red Hat Enterprise Linux, take advantage of everything a Red Hat Enterprise Linux subscription has to offer

Red Hat

RHEL In-place Upgrade options

From RHEL 7 to 8: a single tool for a successful result

Basic single host pre-check from command line

UI based single host pre-check via Cockpit

Scan and remediate at scale via Satellite

Interactive Labs available at:
https://labs.redhat.com

Red Hat

Domanda: Molto spesso CentOS viene usato per fare test e prove da sviluppatori, sysadmin, che alternative ci sono quindi?
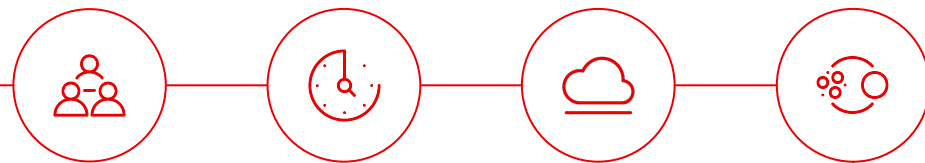
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Red Hat Developer subscription

Access to Red Hat Enterprise Linux

Empower teams across an organization to build, test, and run on the same platform

Enable tighter coupling between new application development and the transition to production environments

▸ Access to Red Hat® Enterprise Linux® for development work at no charge

▸ Use for development environments, self-supported

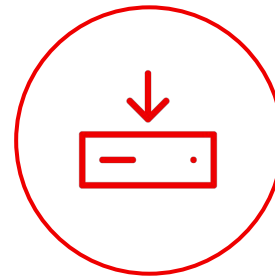▸ Ongoing security updates and patches

https://developers.redhat.com

Red Hat

Why adopt Red Hat Developer subscription

Same production platform

Build, test, and run on the same platform used in production
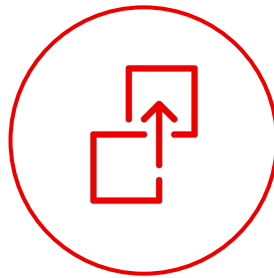
Ease of migration

Easier migration from comparable systems to Red Hat Enterprise Linux

Request changes and new features

Propose changes and patches to a future Red Hat Enterprise Linux release

No cost

No cost for qualifying Red Hat customers

Instant Poll

Red Hat

Instant Poll: Avete già iniziato o pianificato una migrazione da CentOS ad un'altra distribuzione Linux?

- Si, abbiamo già iniziato
- No, ma ci stiamo pensando

Red Hat

Domanda: Concludendo, facciamo un recap sugli argomenti trattati?

Red Hat

Start planning your conversion!

Red Hat is here to help, June 2024 is coming
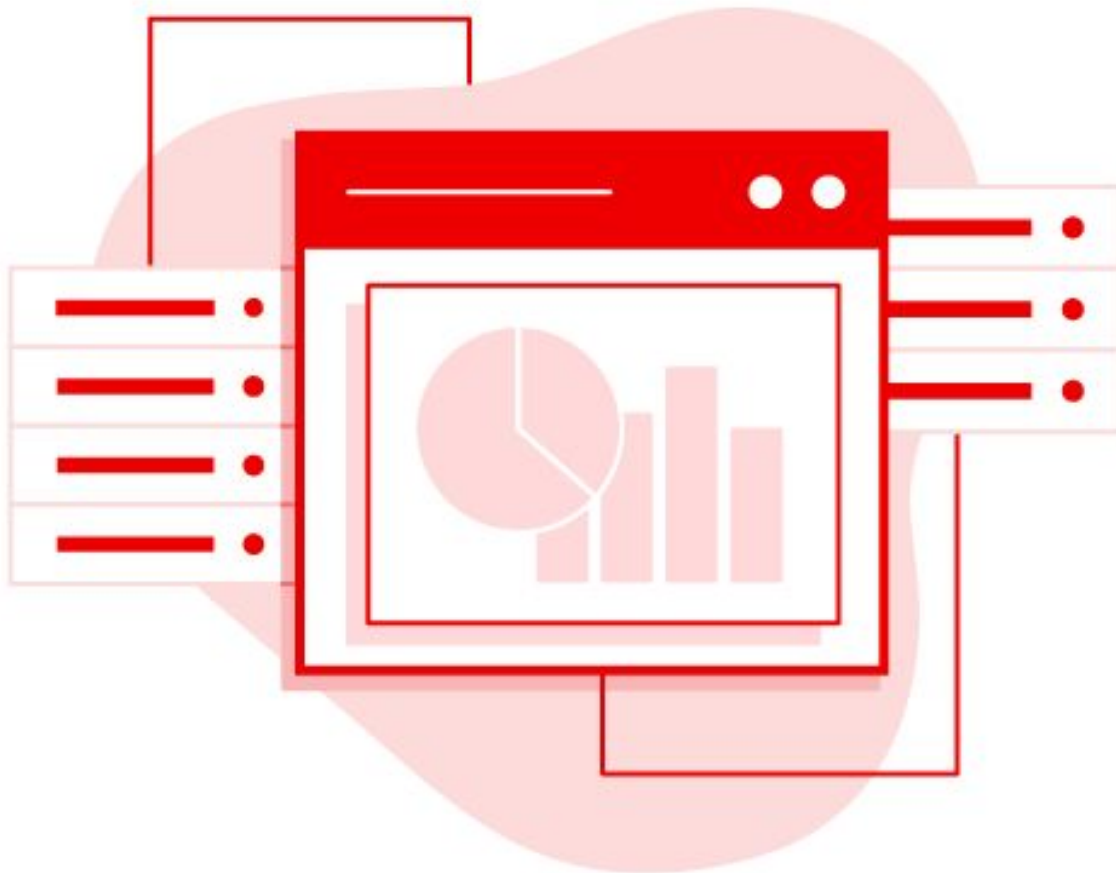
Convert2RHEL
Self-service, in-place, no additional cost

Red Hat Services
Get help from certified Red Hat professionals

Plan your RHEL 8 Upgrade
In-place upgrades to new major release

Learn and try the tools
Interactive Labs and Developer Subscription

Automate to scale
Use Ansible and Satellite for speeding up!

Red Hat

Thank you

Red Hat