Juan van der Breggen

RHEL Advocate
juanb@redhat.com

Red Hat Enterprise Linux 10 will help you...

Address the Linux skills gap
with decades of Red Hat's Linux knowledge and expertise

Contain drift and accelerate delivery
with container tools and technologies

Make better decisions at build time
when it's typically easier and cheaper to make changes

Resist security attacks from hackers
when quantum computers become prevalent

Leverage Red Hat Enterprise Linux as a trusted AI foundation
with an extensive ecosystem of trusted partners and tools

Deploy workloads in the cloud faster
with images pre-configured for performance on your cloud of choice

# Addressing the Linux skills gap

with decades of Red Hat's Linux knowledge and expertise

Red Hat Enterprise Linux Lightspeed

combines decades of Red Hat Enterprise Linux expertise with AI technologies to proactively inform and simplify how both newer and experienced IT professionals build, deploy, and manage Red Hat Enterprise Linux.

▸ Use plain language to simplify the way you interact with Red Hat Enterprise Linux

▸ Make better decisions with recommendations and actionable guidance

Simplify tasks. Amplify results.
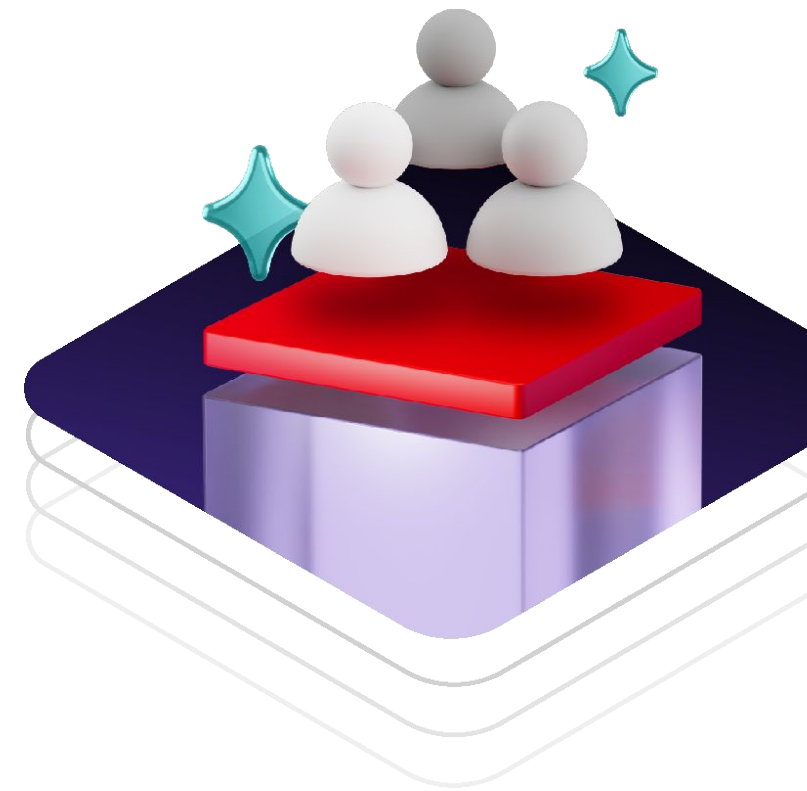
Red Hat Enterprise Linux Lightspeed vision

Unlock Red Hat's expertise
Provide Red Hat's decades of Linux experience to help your workloads succeed

Proactive guidance
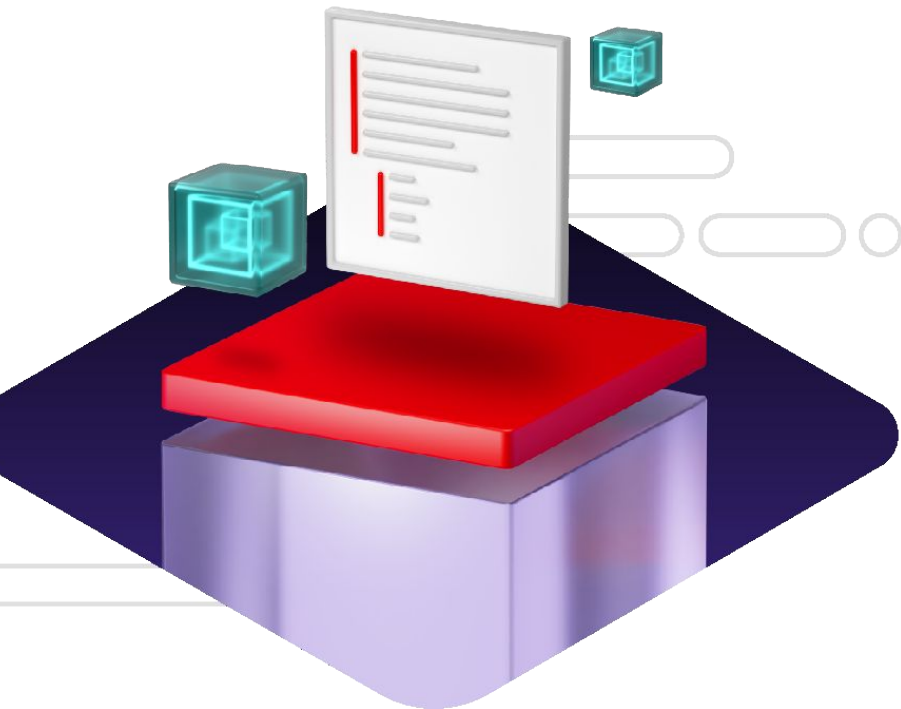Proactively provide relevant information and guidance to make customers' lives easier

Level up skills
Makes Red Hat Enterprise Linux easier to use, secure, tune, and troubleshoot for both new and experienced users

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Contain drift and accelerate delivery

using container tools and technologies

With image mode for Red Hat Enterprise Linux, you can:

▸ **Speed time to market**
   using DevOps and CI/CD practices, which now include the OS

▸ **Streamline operations**
   by automating updates and rollbacks—just like your smartphone

▸ **Enhance security**
   by reducing your attack surface with immutable system images

▸ **Simplify appliance creation**
   by combining the OS with apps and drivers for faster development and delivery

Because systems should be as easy to update as smartphones

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"I want it to work like my smartphone"

Factors that drove the search for a new solution

▸ Pain over regulatory process of CVEs
▸ Smaller footprint | decreased surface area of attack
▸ Enhanced security | hardened platform
▸ Quick turn around | lower downtime
▸ Easy rollbacks

FSI early adopter
Image mode for Red Hat Enterprise Linux
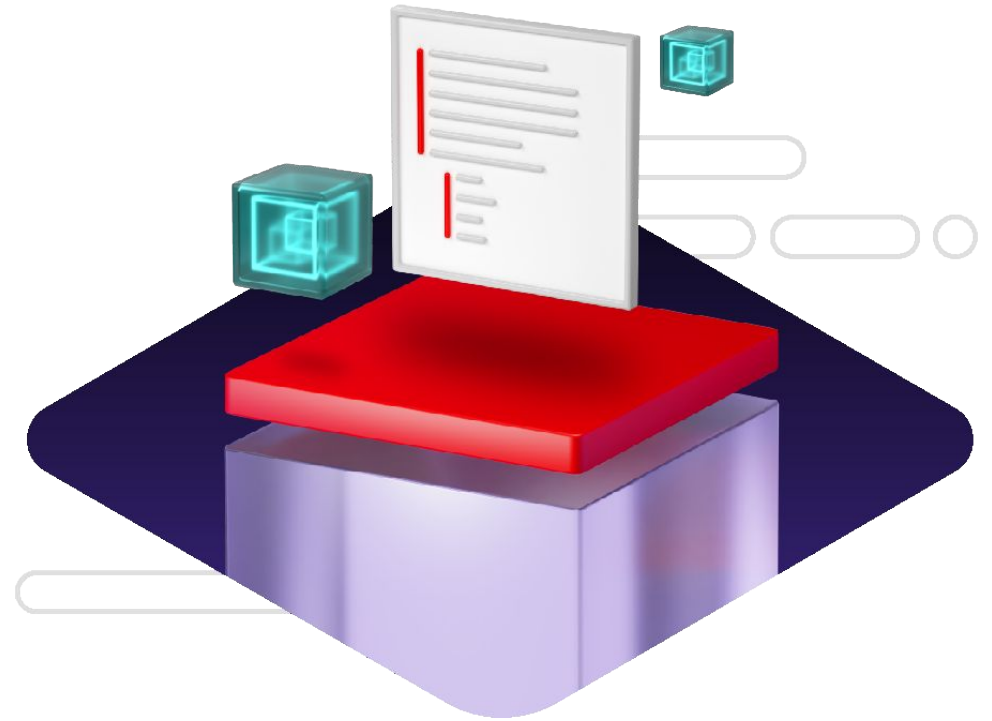
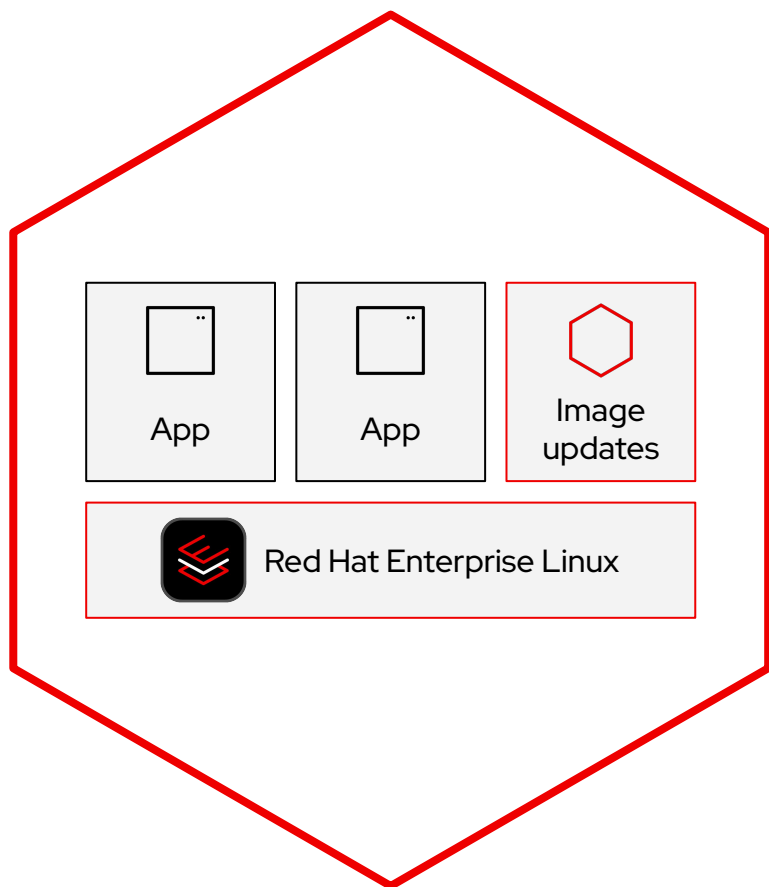# Standardizing and innovating with containers

Image mode for Red Hat Enterprise Linux is a simple, consistent approach to build, deploy and manage the operating system using container technologies.

Now you can manage the operating system with the same tools and workflows as applications, promoting a common experience and language across teams.

Make better decisions at build time
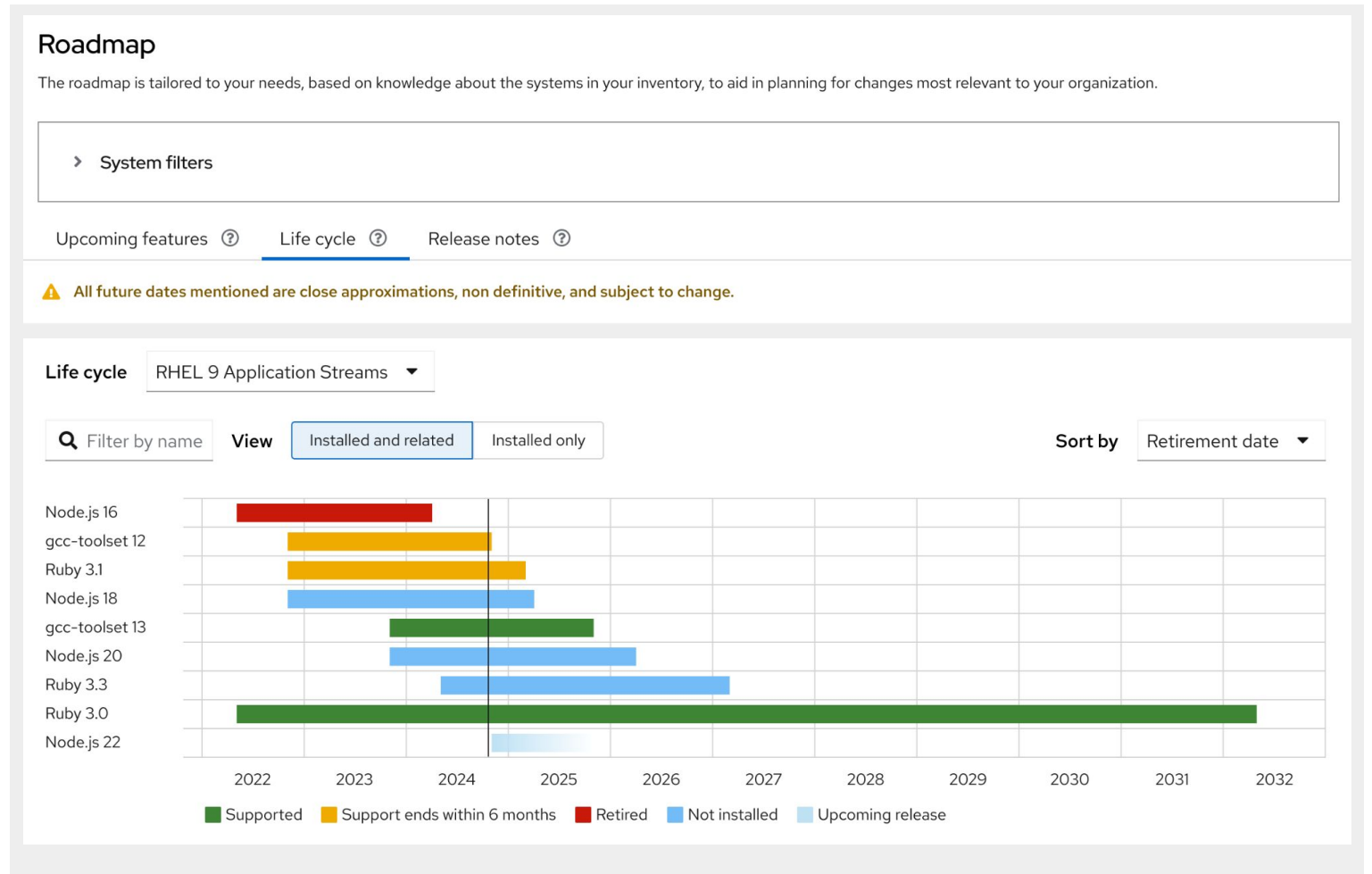
when it's typically easier and cheaper to make changes

▸ "Shift left" with new capabilities in Red Hat Insights

- Package recommendations powered by Red Hat Enterprise Linux Lightspeed
- Red Hat Insights planning (Lifecycle and roadmap details)

▸ Use pre-hardened images with image mode to drastically reduce time required for configuring, domain-join etc.

- Applying guardrails at build time helps users remain secure and compliant

▸ Securely build and automatically generate SBOM artifacts to easily prove a secure supply chain process

Smart from the start. Fast to the finish.

Red Hat Enterprise Linux and AppStream life cycle information

(Shift Left)

Red Hat Enterprise Linux roadmap

(Shift Left)

Insights image builder package recommendations

(Shift Left)

Resist security attacks from hackers

when quantum computers become prevalent

▶ **Red Hat Enterprise Linux 10 is the first enterprise Linux distribution to be post-quantum capable** with new quantum-resistant algorithms (and more to come) so you can prepare now for future compliance mandates

- OpenSSL
- ML-KEM (FIPS 203)
- ML-DSA (FIPS 204)

▶ A new FIPS module

simplifies development of FIPS-compliant app deployments on containers, VMs or bare metal

▶ FIPS cryptographic standards can be validated separately

meaning CVE fixes related to Open SSL or crypto libraries can be done *without* requiring a new FIPS validation certificate (average time to obtain is >300 days!)
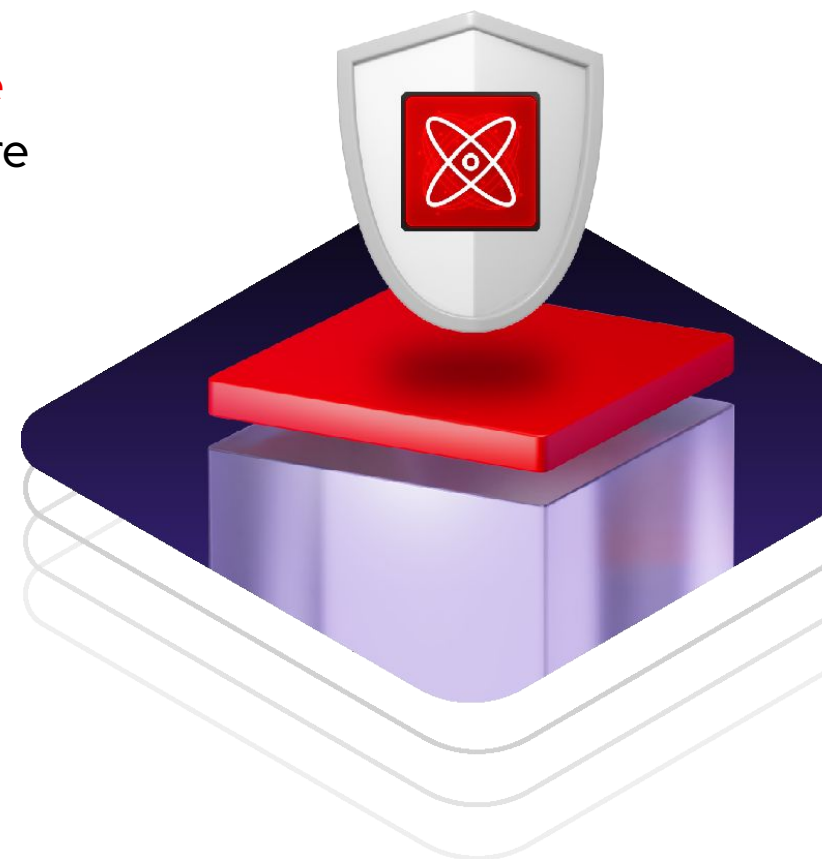
The best defense is a strong partner.

Top 10 RHEL 10 security features everyone should be using

- Image Mode
- SBOMs
- Shift Left Security
- SELinux
- Fapolicyd

- Keylime: Remote Attestation
- Identity Management
- Encrypted DNS
- Crypto-Agility
- Post-Quantum Cryptography

Cloud-optimized Red Hat Enterprise Linux

Built specifically for AWS, Microsoft Azure, and Google Cloud

Pre-tuned, ready to run image

Deploy a Red Hat Enterprise Linux image that is deeply integrated into the cloud provider's fabric, pre-configured for performance with cloud provider-specific profiles.

Enhanced observability and reporting

See your Red Hat Enterprise Linux estate along with the rest of your services in your cloud provider dashboard for a more unified view of your usage.

Increased security from boot to runtime

Secure boot and image attestation ensure customer workloads run on the latest top-down security technologies from image boot through runtime.

Optimize for efficiency in the cloud

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Red Hat Insights advisor in Satellite

Analyze and remediate availability, performance, and security risks in disconnected environments
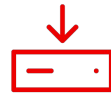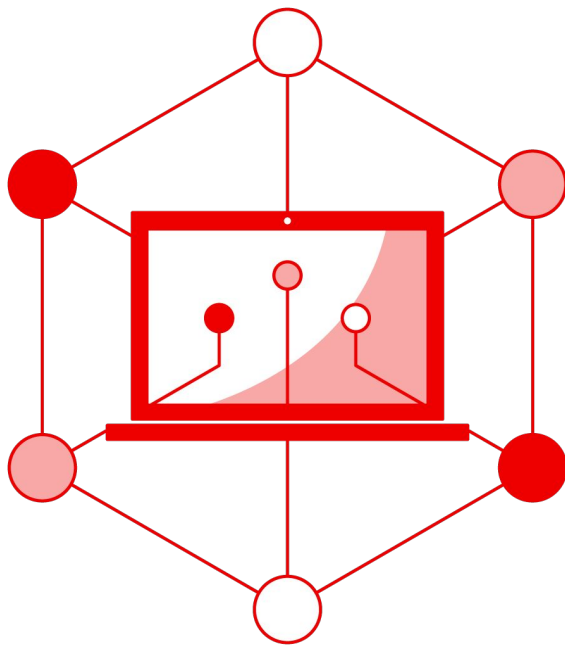
Use Insights advisor's business rules and logic—codified from decades of Red Hat Enterprise Linux expertise—to **monitor system configurations, detect risks, and prescribe remediations without sending data off-premise**

- ▸ Flexible options for installing and upgrading
- ▸ Separation, minimal access, and ultimate control for highly regulated industries and geographies
- ▸ Proactive recommendations catch problems early, minimizing downtime

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(Tech Preview only in May 2025)

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Red Hat Enterprise Linux extensions repository

High-quality software in a convenient location with minimal maintenance requirements

The Red Hat Enterprise Linux extensions repository includes developer tools, open source libraries, and niche utilities that make Red Hat Enterprise Linux valuable to developers and system administrators
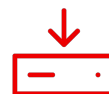
These packages will be:

- ▸ Efficient process to access high value packages

- ▸ Validated by Red Hat

- ▸ Community-supported, having gone through Red Hat's Secure Supply Chain

- ▸ Consumable and manageable within the Red Hat ecosystem
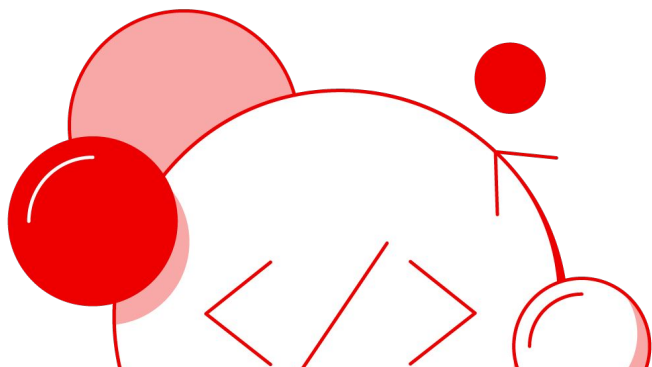
Red Hat Enterprise Linux for

Microsoft Windows Subsystem for Linux (WSL)

WSL is now a validated software platform for Red Hat Enterprise Linux*

Eliminate the need for a VM

Run a Red Hat Enterprise Linux development environment on Windows without having to spin up a traditional virtual machine (VM)

Ease operations

Download Red Hat Enterprise Linux as a WSL image during install, or build a customized image using Insights image builder and install it in WSL to easily run both Windows and RHEL at the same time on a Windows machine

Save time

Use Red Hat Enterprise Linux via WSL to build Linux apps on a Windows machine, and then deploy on a RHEL environment for production to save significant time and resources

* Intended for developer use only

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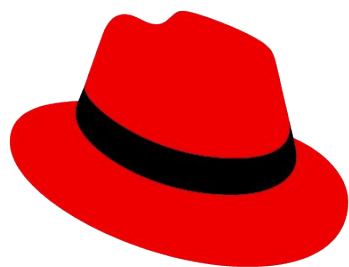
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Official 2023 template

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Optional subheading

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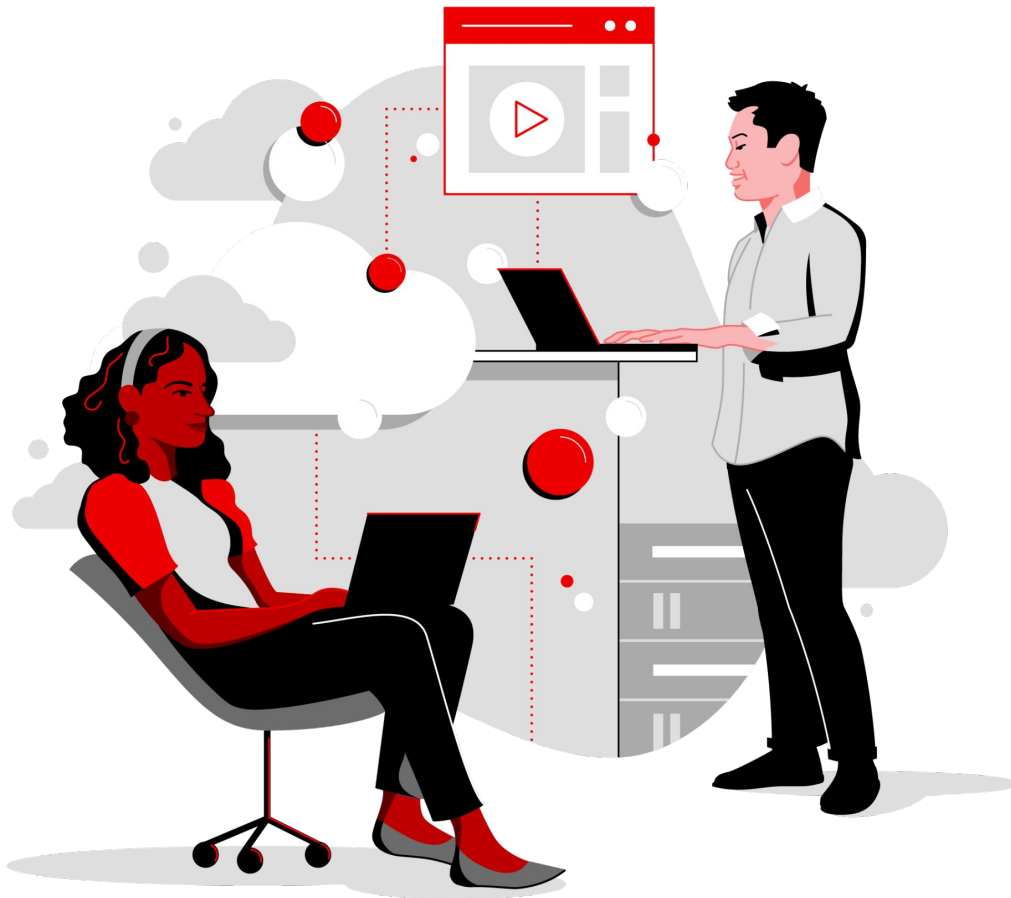
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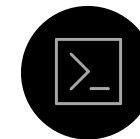
Into the Terminal
Live every Friday at 12PM ET

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Using color in presentations

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RGB 250 182 182	RGB 245 109 109	RGB 238 0 0	RGB 190 0 0	RGB 143 0 0	RGB 95 0 0
CMYK 0 35 18 0	CMYK 0 72 49 0	CMYK 0 98 85 0	CMYK 0 98 85 20	CMYK 0 98 85 45	CMYK 0 98 85 70

Red tints   *Red Hat red*   *Red shades*

White	#F3F3F3	Cool Gray 3C	Cool Gray 7C	Cool Gray 11C	Rich Black
#FFFFFF	RGB 243 243 243	#C9C9C9	#8B8B8B	#4D4D4D	#000000
RGB 255 255 255	CMYK 0 0 0 5	RGB 201 201 201	RGB 139 139 139	RGB 77 77 77	RGB 0 0 0
CMYK 0 0 0 0		CMYK 0 0 0 25	CMYK 0 0 0 55	CMYK 0 0 0 85	CMYK 60 40 40 100

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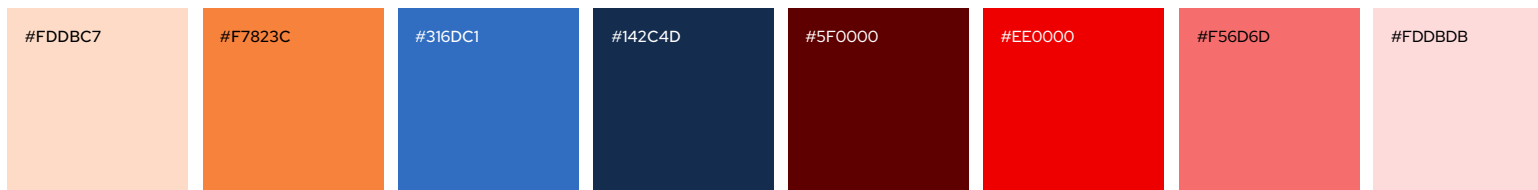
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Using color in presentations

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Presentation palette 1

| #E4F3F4 | #43ADAF | #1B4546 | #000000 | #5F0000 | #EE0000 | #F56D6D | #FDDBDB |

Presentation palette 2

| #E2EAF6 | #A7C0E4 | #316DC1 | #261A4C | #5F0000 | #EE0000 | #F56D6D | #FDDBDB |

Presentation palette 3

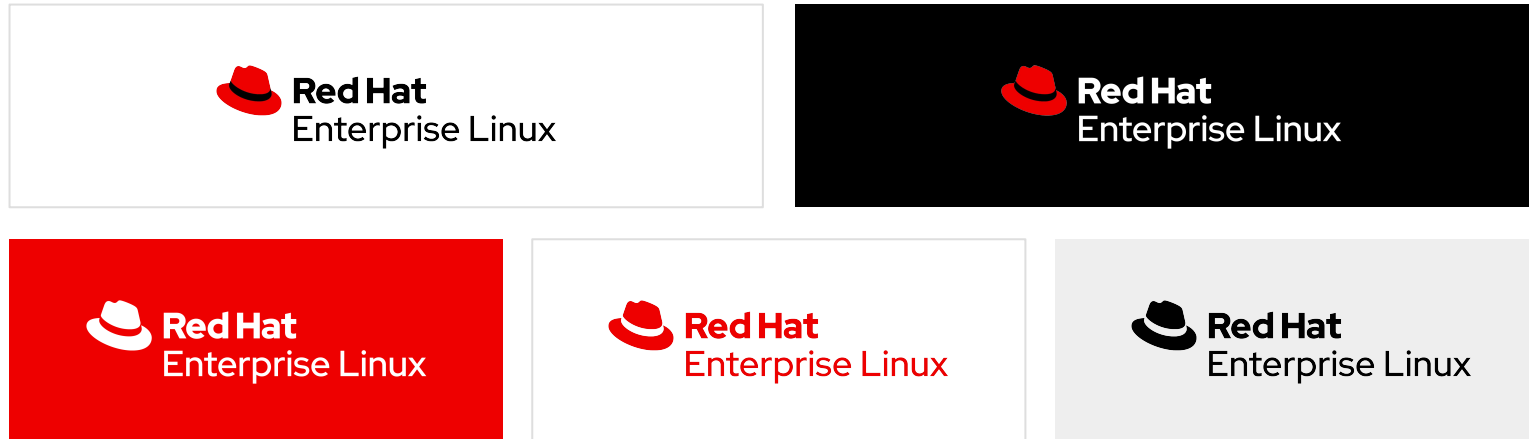| #FDDBC7 | #F7823C | #316DC1 | #142C4D | #5F0000 | #EE0000 | #F56D6D | #FDDBDB |

Presentation palette 4

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