

4 benefits of Red Hat Enterprise Linux for Google Cloud

Red Hat® Enterprise Linux® for Google Cloud delivers the consistency and reliability you expect from Red Hat with built-in Google Cloud-specific configurations to provide performance, integration, and observability for your Google Cloud-based Red Hat Enterprise Linux systems. This checklist unpacks how this cloud-optimized operating system (OS) provides a ready-to-run image and stable surface to build on that saves you time, mitigates the risk of human error, and overall, helps streamline your cloud operations.

1 Save time with ready-to-run OS images

Red Hat Enterprise Linux for Google Cloud helps your organization get started more quickly on a reliable foundation to build on without having to worry about the underlying technology by providing:

- ▶ Deep integration into Google Cloud infrastructure and services to minimize time consuming setup.
- ▶ Pretuned images designed for optimal performance and observability with Google Cloud-specific profiles and workloads.
- ▶ Persistent settings that help your organization efficiently provision consistent images as frequently as you require.
- ▶ Qualification for [Google Cloud committed use discounts \(CUDs\)](#), as well as the [Red Hat Hybrid Committed Spend \(HCS\) program](#), to provide increased procurement flexibility and savings.

2 Unify management with built-in tools

Red Hat Enterprise Linux for Google Cloud allows you to manage both Red Hat and Google Cloud systems without needing to install additional packages by providing built-in management and observability capabilities, including:

- ▶ Integration with [Google Cloud Observability](#) via OpenTelemetry, to help collect and analyze performance and diagnostic data.
- ▶ Integration with the [Google Cloud Command Line Interface](#) (gcloud CLI) to let you manage Google Cloud services and tools directly from your Red Hat Enterprise Linux host.
- ▶ Proactive performance and overspending alerts for both cloud and on-premise environments through a single management interface.
- ▶ Access to proactive gen AI-powered guidance for managing Red Hat Enterprise Linux systems.

3 Streamline development and deployment

Red Hat Enterprise Linux for Google Cloud is designed to help you stay focussed on application innovation, with features that reduce development complexity. This includes [image mode for Red Hat Enterprise Linux](#), which uses container-native tooling to deploy as a bootc container image and allows your organization to:

- ▶ Consolidate cloud-native application development and IT operations into a single, unified pipeline.
- ▶ Use the same management tools and workflows to manage your OS and your containerized applications.

[Learn more](#)

[Learn how](#) Red Hat Enterprise Linux for Google Cloud helps your organization optimize for cloud efficiency.

4 Maintain focus on security across your cloud operations

Red Hat Enterprise Linux for Google Cloud helps your organization manage the increased security risks of operating across hybrid or multicloud environments with:

- ▶ Image attestation and top-down memory encryption through Secure Boot, confidential compute, and confidential hypervisor to help safeguard workloads from boot to runtime.
- ▶ Immutable system images that help you reduce your potential attack surface.
- ▶ Proactive alerts of impending outages and security events.
- ▶ The option to rely on automated security updates and rollbacks.

[Get Started](#)

[Visit the Google Cloud Marketplace](#) to get started with Red Hat Enterprise Linux for Google Cloud.



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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