

5 benefits of standardizing on Red Hat Enterprise Linux for OCI

Many organizations turn to hybrid or multicloud strategies to help them meet evolving business demands using the flexibility and scalability of public clouds. Red Hat and Oracle offer a consistent, security-focused foundation that stretches from the datacenter to Oracle Cloud Infrastructure (OCI)—including OCI public, hybrid, and multicloud environments, OCI Dedication Region, and Oracle Alloy—delivered as a certified and fully supported solution. This checklist explores 5 benefits of standardizing on Red Hat® Enterprise Linux® for OCI.

1 Optimize operational efficiency

Operating in a hybrid or multicloud environment offers many opportunities to boost operational efficiency, but without the right foundation, your organization could struggle to take full advantage of those.

Red Hat Enterprise Linux for OCI is jointly engineered and preconfigured by Red Hat and Oracle for peak performance with OCI cloud instances and services. It provides a stable surface to deploy and build on without having to worry about the underlying technology so you can focus on initiatives that move your business forward, rather than spending time on operational functions.

This foundation provides your organization with a clear path to further optimization by standardizing on Red Hat Enterprise Linux, which has been proven to provide key operational improvements, including:¹

- ▶ 34% more efficient infrastructure teams.
- ▶ 33% more efficient security teams.
- ▶ 33% more productive developers.
- ▶ 19% more productive compliance teams.

2 Maintain consistency across your IT environment

As IT environments grow in complexity, enforcing consistency across infrastructures can be difficult.

Red Hat Enterprise Linux for OCI is tailored to Oracle's cloud environments, providing your organization with pretuned, ready-to-run images to help streamline how you build, deploy, and manage workloads in the cloud.

This includes full integration with OCI infrastructure and availability across a wide range of OCI distributed cloud offerings, such as OCI Public Cloud, Oracle VM, OCI Public Cloud Bare Metal, OCI Government Cloud (including EU Sovereign), OCI Isolated Regions, Oracle Alloy, Oracle C3, Oracle Private Cloud Appliance, and Oracle Roving Edge.

3 Streamline development and deployment

Standardizing on Red Hat Enterprise Linux for OCI gives your organization access to image mode for Red Hat Enterprise Linux, which lets you use container-native tooling to deploy boot container images.

This allows your organization to consolidate cloud-native application development and IT operations into a single pipeline, with a unified set of management tools for both your operating system (OS) and your applications, and a common experience and language across your teams.

¹ IDC White Paper, sponsored by Red Hat. ["The Business Value of Standardizing on Red Hat Enterprise Linux."](#) Document #US52594324, Sept. 2024.

4 Boost security posture across your organization

Maintaining a strong security focus across an IT environment can be a challenging task. This is especially true in a hybrid or multicloud environment, as your organization's attack surface can grow significantly.

Standardizing on Red Hat Enterprise Linux for OCI provides your organization with a security-focused foundation for your entire hybrid or multicloud environment, with features that include:

- ▶ Immutable system images to help reduce your potential attack surface.
- ▶ Secure boot and image attestation to keep your organization's workloads running on the latest top-down security technologies from image boot through runtime.
- ▶ Proactive security and outage alerts for your entire hybrid or multicloud environment through a single interface via Red Hat Lightspeed (formerly Red Hat Insights).

5 Fill crucial skill gaps

As with any complex technology adoption, moving to a hybrid or multicloud environment can reveal crucial skill gaps within your organization that need to be filled.

Those skill gaps can be minimized by standardizing on Red Hat Enterprise Linux for OCI, as it provides streamlined processes and consistent tools for your teams, as well as access to Red Hat Lightspeed.

Red Hat Lightspeed is a gen-AI powered service, informed by decades of Red Hat expertise, that helps you build, deploy, and manage Red Hat Enterprise Linux with simplified commands. This innovative tool can help your teams build skills and/or reduce required staffing and resources by providing:

- ▶ Proactive guidance to help users of all experience levels build, deploy, and manage workloads, including image builder package recommendations, assistance with troubleshooting configuration issues, deciphering log entries, and more.
- ▶ Simplified interaction with the command line assistant that allows you to ask questions and receive answers in plain language.
- ▶ Access to information from a wide range of resources, including thousands of pages of Red Hat product documentation.

Learn more

Explore [the collaborative partnership between Red Hat and OCI](#) or read further about the benefits of [standardizing on Red Hat Enterprise Linux](#).



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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