



Red Hat Enterprise Linux: An ideal operating system for the cloud



Red Hat Enterprise Linux: An ideal operating system for the cloud



Choose your cloud provider

Red Hat works with all major cloud providers, plus AWS, Azure, Google Cloud, and IBM Cloud, to ensure Red Hat Enterprise Linux runs well in their clouds.

Learn more about our strategic cloud partnerships:

- [Amazon Web Services \(AWS\)](#)
- [Google Cloud](#)
- [Microsoft Azure](#)
- [Google Cloud](#)
- [IBM Cloud](#)
- [Alibaba Cloud](#)

Find the right certified cloud provider for your organization: [clouds.redhat.com/cloud](#)

- [Red Hat OpenShift](#)
- [Red Hat Ansible](#)
- [Red Hat CloudForms](#)

redhat.com

Successful cloud journeys require consistency

Cloud adoption has become the norm, and 89% of organizations now have a multicloud strategy in place.1 Even so, adding one or more cloud environments to your IT landscape creates complexity. Standardizing on a consistent operating system across your datacenter and cloud environments can help you overcome this complexity and simplify your cloud journey.

Red Hat Enterprise Linux® includes many optimizations to ensure reliable, security-focused performance in the cloud. It provides a consistent operating foundation for hybrid and multicloud environments, so you can run applications where it makes the most sense.

Take advantage of enterprise stability and cloud optimizations on a unified foundation

Red Hat Enterprise Linux offers the enterprise dependability and features you know while adding new capabilities and optimizations that help you make the most of your cloud investments. These optimizations are made in close collaboration with our cloud, software, and hardware partners to take advantage of unique cloud features while ensuring reliable operation for all certified components.

A consistent experience across footprints lets you run applications and manage your environment in the same manner, no matter where you deploy Red Hat Enterprise Linux. Standardizing on Red Hat Enterprise Linux across your organization can simplify your journey to the cloud and support business innovation no matter where it occurs.

Get started in the cloud more rapidly

Applications developed for Red Hat Enterprise Linux run the same regardless of the underlying infrastructure, so you can rapidly move your existing workloads to the cloud without change. Your IT and development teams can continue to use their current skills, processes, and tools without extensive retraining or modifications. Red Hat also offers multiple purchasing options to fit your organization's procurement processes. You can use your existing subscriptions, buy subscriptions and licenses from Red Hat or your cloud provider, or even apply your cloud provider committed spend programs and discounts. As a result, you can get started in the cloud faster, with less risk and less cost.

Manage your entire hybrid environment more efficiently

Standardizing on Red Hat Enterprise Linux lets you use the same set of management tools—the [Red Hat Enterprise Linux OpenStack Management](#)™ and [Red Hat Ansible Automation Platform](#)™ to administer and automate all of your environments, using one and only a managed service that helps you manage

¹ Forrester, ["State of the Cloud Report"](#), March 2020.

Red Hat Enterprise Linux: An ideal operating system for the cloud

Cloud adoption has become the norm, and 89% of organizations now have a multicloud strategy in place.¹ Even so, adding one or more cloud environments to your IT landscape creates complexity. Standardizing on a consistent operating system across your datacenter and cloud environments can help you overcome this complexity and simplify your cloud journey.