



Delivering a hybrid cloud experience with industry-leading container management

HPE GreenLake for Red Hat OpenShift Container Platform

Speed app development, deployment, and time to value with an as-a-service, hybrid cloud container solution

According to IDC, Red Hat OpenShift delivers “strong value”

Based on interviews with Red Hat customers, IDC⁴ projects that the customers will achieve annual value worth an average of \$45,900 per 100 users (\$10.59 million per organization) by:

- Improving the productivity and effectiveness of DevOps and development teams
- Increasing revenue by delivering higher-quality and more timely services to customers
- Better addressing business opportunities
- Reducing platform costs by optimizing IT infrastructure requirements
- Enabling core IT teams to spend less time on day-to-day administrative and support activities

Simplify and optimize your container solution

As the speed of business transformation continues to escalate, today’s enterprises are looking for a safer, faster, more cost-efficient method for application development. For many, that method is containers. In fact, Gartner estimates that by 2026, more than 90% of global organizations will be running containerized applications in production.¹

To help your organization capitalize on the extensive benefits of containers—portability, efficiency, agility, faster app delivery and startup, improved security, easier management, and greater flexibility—HPE and Red Hat® have introduced HPE GreenLake for Red Hat® OpenShift® Container Platform. This as-a-service, hybrid cloud container solution is designed to help you:

- Innovate faster and adapt more quickly to change
- Increase operational efficiencies
- Improve security
- Reduce total solution spend
- Ensure accessibility of data wherever it resides

Delivering an HPE GreenLake cloud experience

A member of the ever-expanding portfolio of solutions from HPE and Red Hat, HPE GreenLake for Red Hat OpenShift Container Platform combines the industry-leading² Red Hat OpenShift® Container Management Platform and the HPE GreenLake cloud experience in your own data center, at a colocation facility, or at the edge.

With this cloud service offering, you receive:

- Self-service container management running on fully managed HPE infrastructure
- Services for startup and advanced configuration
- Ongoing support for the completed system
- An assigned account team that acts as your advocate and focal point for operational and/or technical support, which includes system monitoring, issue alerting, patches, and advisories that could impact your environment³
- A preconfigured, integrated system, with your choice of container-optimized servers

Using HPE GreenLake for Red Hat OpenShift Container Platform, you can accelerate digital transformation through fast deployment, seamless scalability, and per-container economics—all within your control and in your choice of an on-premises or colocation environment.

¹ “The Innovation Leader’s Guide to Navigating the Cloud-Native Container Ecosystem,” Gartner, August 18, 2021.

² “The business value of Red Hat OpenShift,” IDC technical paper sponsored by Red Hat, March 2021.

³ Customers are primarily responsible for proactive monitoring, managing, and operating the integrated system, backed by HPE support.

⁴ “Worldwide Container Infrastructure Software Forecast, 2021–2025,” IDC, December 2021.





Complete end-to-end cloud service solution

The foundation of this HPE and Red Hat offering is the HPE GreenLake edge-to-cloud platform—bringing the cloud experience to apps and data in edges, colocations, and on-premises data centers. With an HPE GreenLake hybrid cloud, you receive a cloud-native infrastructure that includes the compute, storage, and networking you need to run OpenShift and many other workloads simultaneously.

Securely managed for you by technology experts working in HPE's world-class IT Operation Centers (ITOCs), HPE GreenLake frees up your personnel to work on new innovations rather than spend valuable time completing day-to-day system management tasks, such as patches, updates, and upgrades. An added benefit is the HPE GreenLake Central self-service portal, enabling your organization to gain greater insights from all your data and apps from everywhere across your distributed enterprise.

With HPE GreenLake, you can:

- Free up capital
- Boost operational and financial flexibility
- Align costs to business outcomes⁵
- Easily scale resources up and down as necessary, ensuring capacity remains available ahead of demand

Innovation without limitations

Integrated with each preconfigured, workload-optimized hardware instance is Red Hat OpenShift. This enterprise-class open source container management platform can help any organization operating in any industry create more customer value and differentiation by supporting innovation without limitations.

Designed to deliver consistency and flexibility across application models (traditional, cloud-native, and containers), OpenShift provides secure and automated infrastructure and operations across physical data centers, virtual environments, private and public clouds, and edge locations. Red Hat OpenShift is:

- Ready for IT operators
 - Automate processes, reduce complexity
 - Operate more securely from end to end
- Empowering developers
 - Code quickly using familiar tools
 - Rapidly deliver code by seamlessly leveraging developer tooling
- Proven for business leaders
 - Choose a platform to power the business today
 - Create a cloud strategy for the future

⁵ Reserves may apply.



Solution overview

Container platform market share leader

Did you know that in 2021, Red Hat commanded 47.8% of the market based on container software revenues of \$460.7 million? To provide perspective on this leading market position, the next four companies in the top five container software vendors hold only 27.8% of the market—combined.

A recent IDC study⁶ showed that OpenShift enables:

- 636% return on investment over five years
- 10 months to payback
- 54% lower five-year cost of operations
- 3x more new features per year
- 20% higher productivity for application developers
- \$21.6 million USD higher revenue per year, per organization
- 71% less unplanned downtime
- 21% more efficient IT infrastructure teams

⁶ "The business value of Red Hat OpenShift," IDC technical paper sponsored by Red Hat, March 2021.

Celebrating 20+ years of trusted partnership

For more than 20 years, HPE and Red Hat have aligned their resources and strategies to enable better business outcomes for our customers. Through our trusted partnership, we deliver solutions that enable our customers to:

- **Accelerate digital transformation:** HPE innovation and infrastructure solutions—combined with Red Hat open source leadership and the increasing demand for as-a-service solutions—result in an unmatched consumption model that accelerates your digital transformation.
- **Benefit from built-in security, from silicon to applications:** HPE and Red Hat jointly develop, test, and integrate our solutions.
- **Increase agility through faster application development:** The HPE GreenLake platform gives your developers the resources they need to work faster and smarter.
- **Receive extensive workload support:** For cloud services; cloud-native workloads for edge, data center, and hyperscaler; artificial intelligence (AI) / machine learning (ML); SAP®/SAP HANA®; IT automation; and more.

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