

# Accelerate growth using hybrid cloud with Red Hat and Microsoft

## 64%

of IT leaders use open source technologies for IT infrastructure modernization.<sup>1</sup>

### Prepare your organization for change.

With Red Hat and Microsoft cloud solutions, you can quickly deploy a secure, reliable, flexible hybrid cloud environment that prepares your organization for success in fast-changing, competitive markets.

### Integrated and supported solutions for Microsoft Azure

- [Azure Red Hat OpenShift](#)
- [Red Hat Enterprise Linux](#)
- [Red Hat Ansible Automation Platform](#)
- [Red Hat Gluster® Storage](#)

### Stay competitive with hybrid cloud

By unifying disparate IT environments, a hybrid cloud approach helps you achieve greater business agility, efficiency, and competitive advantages. But implementing a hybrid infrastructure strategy can be a time-consuming investment. Choosing and integrating a combination of technologies that offers long-term value is critical.

Red Hat and Microsoft offer flexible hybrid cloud solutions that help align your IT operations with changing business needs. These solutions help you operate a modern, security-focused platform, accelerate application and service development, deliver consistent database experiences, and simplify and automate IT management.

### Red Hat and Microsoft can help you deliver more business value

**Build a common platform for business applications.** Considering security, costs, and resource management and availability is important when developing a hybrid cloud strategy. Integrate on-premise applications and cloud-native workloads with a consistent foundation. Running [Red Hat® Enterprise Linux® on Microsoft Azure](#) lets you extend your existing datacenter into a connected cloud environment that meets these needs. Quickly launch, scale, and improve application performance with certified interoperability across on-premise and cloud environments. Protect your data, applications, and business and infrastructure with [advanced, integrated security features](#) that work across your hybrid environment. Run cloud-native applications on-premise to meet latency and connectivity requirements for edge and disconnected use cases.

**Deliver new applications and services at the best value.** According to Gartner®, 40% of enterprise workloads will be deployed in cloud infrastructure and platform services by 2023.<sup>2</sup> Together, Red Hat OpenShift® and Microsoft Azure provide a [production-ready Kubernetes platform](#) for container orchestration and cloud-native applications in a public cloud environment. Gain access to agile development capabilities to build, deploy, manage, and update applications faster. Adopt a continuous integration/continuous deployment (CI/CD) pipeline, enhance application portability across environments, and automate the application life cycle to increase your organization's efficiency and productivity.

**Deliver a consistent database experience.** Running [Microsoft SQL Server on Red Hat Enterprise Linux®](#) or Red Hat OpenShift gives you more database flexibility, performance, and protection. Run your database in on-premise and cloud environments—including on Microsoft Azure—without introducing instabilities and manageability issues. Deliver a consistent experience for applications and users. Deploy Microsoft SQL Server database containers directly from the Red Hat OpenShift container catalog. Reduce costs and optimize performance and scalability with database performance tuning profiles.

<sup>1</sup> Red Hat. "The State of Enterprise Open Source Report," Feb. 2021.

<sup>2</sup> Smarter with Gartner, "Gartner Predicts the Future of Cloud and Edge Infrastructure." Gartner, Costello, Katie Feb. 2021.

## Let Red Hat and Microsoft operate your cloud for you.

The easiest way to get started with Red Hat Enterprise Linux, Red Hat OpenShift, and Microsoft Azure is with Microsoft Azure Red Hat OpenShift, a fully managed cloud service offering of Red Hat OpenShift running on Microsoft Azure. The platform is jointly engineered, managed, and supported by Red Hat and Microsoft so developers can focus on new services.

**Unify management of physical, virtual, and cloud environments.** Operating multiple IT environments can lead to reliability, interoperability, and stability issues. With Red Hat Ansible® Automation, unify management and automation across physical, virtualized, and cloud environments. Control workloads from a single console, provide self-service provisioning, automate everyday IT tasks, eliminate manual errors, and free IT staff to focus on strategic projects. And control all of your Red Hat OpenShift clusters—regardless of where they are running—with Red Hat Advanced Cluster Management for Kubernetes.

## Establish a flexible, unified environment with Red Hat and Microsoft

Combining the enterprise-grade Red Hat software stack and Microsoft Azure cloud platform, integrated solutions like Microsoft Azure Red Hat OpenShift deliver flexibility, choice, and support for hybrid deployments.

**Flexibility.** Build a customized cloud environment within your budget and adapt with flexible deployment options and time-based pricing. Microsoft Azure's advanced monitoring tools collect cloud use and billing data, giving you visibility and control over resource consumption and costs. [Red Hat Cloud Access](#) lets you use your Red Hat subscriptions across public cloud platforms, including on Microsoft Azure.

**Choice.** Use your preferred third-party products within your Red Hat and Microsoft environment with access to one of the largest certified partner ecosystems.

**Support.** Take advantage of integrated, global support for Red Hat solutions running on Microsoft Azure. Gain access to support from both companies, an integrated ticketing system, and a simplified, coordinated escalation and resolution process. Access the Red Hat Customer Portal and Knowledgebase directly from Microsoft Azure.



**Get started with Red Hat and Microsoft.** No matter where you are in your journey to a hybrid infrastructure, Red Hat and Microsoft can help with integrated solutions, joint support, unified management, and interoperable application development capabilities.

See how Red Hat and Microsoft can help you [transform your IT with hybrid 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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