

Accelerate innovation with Microsoft Azure and Red Hat OpenShift

Synchronize your application development with Microsoft Azure

"We needed something to integrate with our customer, with the market, seamlessly, in a secure way. And that's where Red Hat integration and Red Hat OpenShift comes into the picture...That's why we have adopted Azure Red Hat OpenShift as our strategic container platform."

Ankit Gupta

Former Engineering Manager, DevOps tools and platforms, Vodafone New Zealand¹

A joint, cloud-native application platform from Red Hat and Microsoft Azure

IT teams face many challenges, including limited time and resources, traditional architecture, and ever-increasing system complexities. Finding the right tools to design, test, and operate cloud-native applications only adds to the complexity. Coupled with security considerations and budgetary constraints, there is a growing need to simplify complex IT infrastructure and applications into a more efficient system.

Organizations can use Microsoft Azure Red Hat® OpenShift® to help address these challenges. The application platform is native to Azure and allows organizations to build and deploy clusters on-demand more efficiently. Microsoft and Red Hat provide an integrated support experience so organizations can confidently build and scale applications, focusing on innovation, with hybrid cloud flexibility and less complexity.

Engineered by Red Hat and Microsoft to accelerate application innovation

Microsoft and Red Hat have been close partners since 2015, and are committed to providing preintegrated solutions that deliver high availability, reliability, and performance for demanding applications in hybrid cloud environments.

Azure Red Hat OpenShift allows developers to build and scale applications and refocus on innovation without the need to manage infrastructure and operations.

Achieve a consistent Red Hat OpenShift experience across several environments, allowing developers to build, deploy, and run traditional and cloud-native applications at scale in public or private cloud and edge locations.

Azure Red Hat OpenShift helps organizations accelerate innovation, improve scalability, and reduce overall costs. Using Azure Red Hat OpenShift can help your organization streamline development, improve infrastructure management, and save time for your developers and operations teams.

Features of Azure Red Hat OpenShift

With Azure Red Hat OpenShift, you can create fully managed Red Hat OpenShift clusters in minutes with self-service deployment to get up and run in less time. Offload the ongoing management of applications with built-in continuous integration and continuous deployment (CI/CD), monitoring, and developer tooling in this ready-to-deploy application platform.

Benefits of using Azure Red Hat OpenShift:²

- ▶ **70%** reduction in development time.
- ▶ **50%** reduction in infrastructure management effort.
- ▶ **20%** recouped developer time.

A global site reliability engineering (SRE) team is on hand to help manage the underlying cloud platform along the way, reducing operational complexity, so you can focus on innovation without worrying about infrastructure management. Azure Red Hat OpenShift is a first-party Azure solution, so you can readily integrate it with familiar Azure tools and services. Access to the platform is available on-demand via the Azure console.

Your Microsoft Azure consumption commitment (MACC) can be used toward Azure Red Hat OpenShift with no additional procurement approvals—providing the convenience of a single bill.

Make use of security features from both Red Hat and Microsoft at scale. Protect your cloud-native applications with private cluster management and ingress endpoints, 99.95% service-level agreements (SLAs), single sign-on (SSO), and full control for administrators. Access resources to maintain compliance regulations that your organization may have through Azure compliance documentation.

This platform is available and supported in more than 30 regions by Microsoft Azure. To ensure the highest resiliency, cluster components are deployed across 4 Azure availability zones in supported regions.

In the United States, the solution is also available as Azure Red Hat OpenShift for Microsoft Azure Government. Agencies can gain greater confidence in the controls that govern data access, storage, and security vulnerabilities with continuous support. Learn more about [Azure Red Hat OpenShift compliance offerings](#).

Get started with Azure Red Hat OpenShift

Learn more about [Azure Red Hat OpenShift](#) or talk to a Red Hatter today.

² Forrester Consulting Total Economic Impact™ study, commissioned by Red Hat. “[Azure Red Hat OpenShift provides more value and support to cloud-first organizations](#),” February 2022. Results are for a composite organization representative of interviewed customers.



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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