

# Achieve more for less with Microsoft Azure Red Hat OpenShift



## 98%

of organizations consider their applications to be essential to their business or to provide a competitive advantage.<sup>1</sup>

Red Hat and Microsoft offer a cloud-based managed container environment that helps you adopt cloud-native application development technology quickly and easily.

## Boost revenue and innovate faster with Kubernetes

Applications are at the core of digital business operations. [Kubernetes](#)-based [container environments](#) can help you speed cloud-native application development to create new revenue opportunities. In fact, 45% of enterprise companies are currently deploying Kubernetes in production.<sup>2</sup>

Even so, integrating Kubernetes into complex IT environments yourself can be difficult and time consuming. When moving to a container environment, you must reassess how you perform common operations, manage security and compliance, and develop your staff's container expertise.

Red Hat and Microsoft offer a cloud-based managed container environment that eliminates the need to research, integrate, test, manage, and update underlying technologies yourself, saving you time and money.

## Deploy an enterprise Kubernetes environment with Azure Red Hat OpenShift

A jointly engineered, managed service solution from Red Hat and Microsoft, [Microsoft Azure® Red Hat® OpenShift®](#) gives you a complete containerized environment based on production-grade components. Optimized to improve developer productivity and promote innovation, [Red Hat OpenShift](#) is a Kubernetes container platform with full-stack automated operations to manage hybrid cloud, multicloud, and edge deployments. Microsoft Azure is a global network of some of the world's largest datacenters and provides a comprehensive set of cloud services for building, deploying, and managing the most demanding applications. Azure Red Hat OpenShift combines both products to deliver innovation and scalability on a trusted, reliable foundation.

This managed solution offers more than just access to managed software and technologies. It provides a complete, full-stack environment with all necessary services and technologies, simple self-service options, and expert 24x7 support.

## Take advantage of flexible pricing models

Red Hat and Microsoft offer several purchasing options to help you achieve the right balance of flexibility and cost for your organization. Simplify procurement with unified billing and purchase management through your Microsoft Azure subscription. Use and pay only for the instances you need with on-demand pricing. Or take advantage of discounted pricing over a longer period of time with multi-year, reserved instance purchasing models. You can also use your existing Microsoft Azure Enterprise Agreement (EA) credits for Azure Red Hat OpenShift instances to further save costs.

## Reduce support costs

Azure Red Hat OpenShift includes expert 24x7 support – jointly provided by Red Hat and Microsoft – with a 99.95% availability service-level agreement (SLA) to help you streamline support costs and operations. Reduce downtime through proactive monitoring and preventative remediation action by Red Hat and Microsoft support staff. Resolve issues quickly via an integrated ticketing system backed by a knowledgeable global support team. Access the extensive Kubernetes experience of global site reliability engineers (SREs) without retraining or moving existing staff or hiring



facebook.com/redhatinc  
@redhat  
linkedin.com/company/red-hat

<sup>1</sup> *F5 Networks, "2020 State of Application Services Report," 2020.*

<sup>2</sup> *Business Insider, "Kubernetes Security Leader Alcide Releases 2020 Predictions," 9 April 2020.*

## Protect your business

Azure Red Hat OpenShift is certified to and managed in compliance with key security standards, including:

- Payment Card Industry Data Security Standard (PCI DSS).
- HiTrust.
- Federal Risk and Authorization Management Program (FedRAMP).
- System and Organization Controls (SOC) 2.
- International Organization for Standardization (ISO) 27001.

new members. Reduce container management and operational costs with ongoing support included in your managed service. For example, the average annual salary for a full-time DevOps engineer in the United States is US\$135,000.<sup>3</sup> If managing your container environment requires an estimated 50% of a DevOps engineer's time, deploying the Azure Red Hat OpenShift managed service could save you around US\$65,000 in staffing costs each year.<sup>3</sup>

## Increase operational efficiency

Microsoft and Red Hat handle all aspects of Azure Red Hat OpenShift environment management – from cloud infrastructure to operating platform – so your IT operations staff can achieve more. Speed deployment with migration planning assistance and managed cluster installation and verification. Reduce costly downtime and maintain reliability with managed upgrades, patching, and threat monitoring and remediation. Protect your environment and business reputation through certification to key security standards.

## Free your staff to innovate

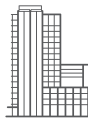
Azure Red Hat OpenShift can help you refocus your development staff on high-value innovation and delivery of new technology, rather than platform and resource management. Take advantage of integrated tools to adopt modern development approaches and streamline application development and deployment. Allow developers to use their preferred tools with built-in [continuous integration/continuous delivery \(CI/CD\)](#) pipelines that contain a large selection of supported technologies and workflows. Deliver a great user experience to increase employee satisfaction and retain developer talent.

[Learn more at openshift.com/products/azure-openshift.](https://openshift.com/products/azure-openshift)

<sup>3</sup> Hypothetical cost savings calculation-based salary data accessed from [neuvoo.com/salary/?job=DevOps%20Engineer](https://neuvoo.com/salary/?job=DevOps%20Engineer) on 28 January 2021.

## About Red Hat

Red Hat is the world's leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux®, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers integrate new and existing IT applications, develop cloud-native applications, standardize on our industry-leading operating system, and automate, secure, and manage complex environments. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500. As a strategic partner to cloud providers, system integrators, application vendors, customers, and open source communities, Red Hat can help organizations prepare for the digital future.



facebook.com/redhatinc  
@redhat  
linkedin.com/company/red-hat

**North America**  
1 888 REDHAT1  
www.redhat.com

**Europe, Middle East,  
and Africa**  
00800 7334 2835  
europe@redhat.com

**Asia Pacific**  
+65 6490 4200  
apac@redhat.com

**Latin America**  
+54 11 4329 7300  
info-latam@redhat.com