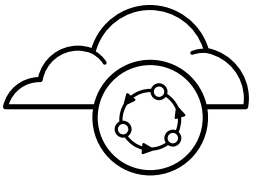
RED HAT® OPENSHIFT

redhat.

RED HAT OPENSHIFT FOR ISV PARTNERS

Streamline and automate your product life cycles with containers

SOLUTION BRIEF



VALUE GAINED FROM RED HAT OPENSHIFT

66%
faster application development life cycles[1]

35%
less IT staff time required per application developed[1]

38%
lower IT infrastructure and development platform costs per application[1]

INTRODUCTION

Cloud, mobility, big data, as well as agile and DevOps approaches are transforming the IT industry and creating challenges for almost every independent software vendor (ISV). New markets and business models are emerging as competition, and disruptions suddenly materialize from new and unexpected sources. As a result, ISVs are under increasing pressure to innovate faster, go to market faster, and stay ahead of the competition—all at lower operational cost.

New technologies, like containers and microservices, and methodologies, like agile and DevOps, offer the promise of streamlining and automating software product life cycles. However, your existing development environment might not have the flexibility, adaptability, and speed required to support today's agile and DevOps environments.

INNOVATE FASTER AND STAY AHEAD OF THE COMPETITION

Built on proven open source technologies, Red Hat® OpenShift is a container application platform that gives you the ability to modernize your development process and your products. You can deliver new features, accelerate the development processes on public, hybrid, and multicloud infrastructures, and maintain high quality of service (QoS) levels for managed services, Software-as-a-Service (SaaS), and Platform-as-a-Service (PaaS) delivery models.

The exceptional user experience and environment neutrality provided by Red Hat OpenShift simplifies your migration to DevOps. Your development teams can speed up development cycles and iterate faster with features like:

- Automated provisioning that provides developers the flexibility they need while giving operations control over the entire environment.
- Tools like automated application builds, deployments, scaling, health management, and more that make it easier for development and operations to develop, deliver, and manage apps for multiple delivery models.

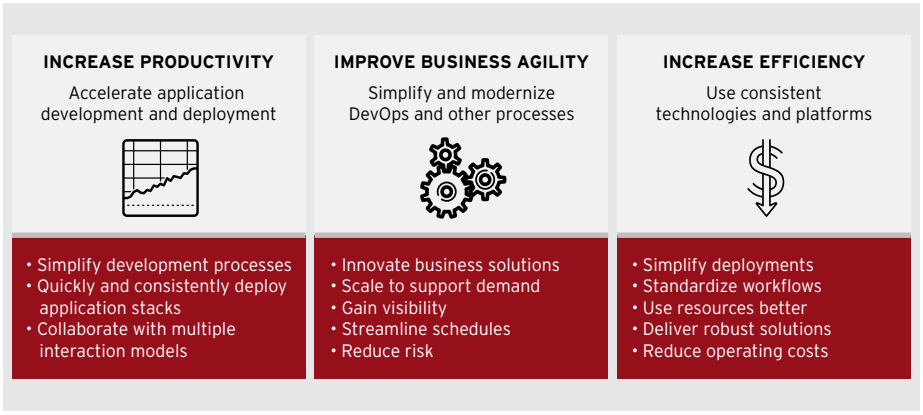


Figure 1. Red Hat OpenShift benefits for ISVs

1 *IDC whitepaper: The Business Value of Red Hat OpenShift. 2016. Larry Carvalho, Matthew Marden.*

FREE UP DEVELOPERS TO ADD MORE VALUE

Red Hat OpenShift makes it easy for you to quickly develop innovative solutions that simplify and strengthen your customers' digital transformation efforts. Red Hat OpenShift lets your developers build cloud-native apps on a cloud-based container platform without having to worry about the inherent complexity of provisioning, managing, and scaling applications as customer demand changes. With much of the operations and management automated by Red Hat OpenShift, your developers have more time to focus on building new products and features that add value to your customers' businesses.

Red Hat OpenShift is a polyglot PaaS that supports multiple languages, including Java™, Node.js, .NET, Ruby, Python, PHP, and more. It offers optimized workflows to help configure and deploy applications on any given framework, such as Spring Boot, Eclipse Vert.x, Node.js, and Red Hat JBoss® Middleware, to help developers set up their development environments and start coding faster.

Red Hat OpenShift also features built-in integration with popular integrated development environments (IDEs), including Eclipse, Red Hat JBoss Developer Studio, and Titanium Studio, allowing your developers to work with the IDE with which they are most comfortable.

STANDARDIZE ON CONTAINERS

Linux® containers make it easy to package applications with their dependencies, accelerating application delivery. Standardizing on Linux containers lets developers develop and test their applications in environments that mirror production without having to deal with the complexity of managing the underlying infrastructure.

Red Hat OpenShift is built around a standardized container model powered by Red Hat application programming interfaces (APIs). Applications created on Red Hat OpenShift can easily run anywhere that supports docker, Kubernetes, or Atomic-formatted containers. Red Hat OpenShift allows you to develop apps across multiple cloud providers and private clouds, while allowing your partners and end customers to avoid vendor lock-in with any single infrastructure.

Red Hat OpenShift is built on the tested and trusted foundation of Red Hat Enterprise Linux. It can run in any environment where Red Hat Enterprise Linux is supported, regardless of the underlying infrastructure. As containers become more widely adopted, Red Hat and its ISV partners can create new revenue streams by providing fully integrated, lightweight, container-based solutions.

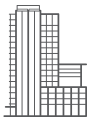
RED HAT ISV PROGRAM

The Red Hat ISV program lets you offer trusted, secure, and enterprise-grade applications, SaaS, PaaS, and Red Hat technology-based managed services to your customers. Premium support and joint customer resolution allow you to deliver high-quality services and support to your own customers. You also get access to training and enablement resources that help you successfully adopt a managed services business model.

ADDITIONAL RESOURCES

For more information on streamlining and automating your software life cycles with Red Hat OpenShift visit redhat.com/en/technologies/cloud-computing/openshift.

For more information on the Red Hat ISV Program visit redhat.com/partners.



ABOUT RED HAT

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to provide reliable and high-performing cloud, Linux, middleware, storage, and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT.

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