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Executive Summary

The Business Value of Red Hat OpenShift

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Digital innovation can be elusive. But enterprises that adopt technologies, processes, and platforms that drive efficiencies into the production of digital properties will find that they have the building blocks to sustain digital innovation on a continuous basis.

For instance, enterprises are building new applications in lightweight containers and migrating existing applications to container platforms such as Kubernetes. Containerized applications are portable across infrastructures and provide significant agility benefits. Kubernetes provides the underlying container platform that further drives efficiency into the software development process, with automation and orchestration functionality suited to today's fast-paced digital innovation. With a Kubernetes platform offering such as Red Hat's OpenShift, organizations can obtain additional benefits and gain a foundation for developing and running important business applications.

IDC conducted a study of 14 organizations of various sizes and industries about their use of Red Hat OpenShift and found that study participants achieved strong value by empowering DevOps and development teams to pursue business goals via digital products and services, while streamlining and optimizing IT environments.

BUSINESS VALUE HIGHLIGHTS

636%
five-year ROI

10 months
to payback

20% higher
DevOps and development team productivity

Almost 3x
more new features

29% faster
application development life cycles

$21.62M
in higher annual revenue

22% fewer
VMs required

21% more efficient
IT infrastructure teams

Based on the interviews with Red Hat customers, IDC projects that they will achieve 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, by providing a more functional, agile development platform

→ Increasing revenue, by delivering higher-quality and more timely services to existing customers and better addressing business opportunities

→ Reducing platform costs, by optimizing IT infrastructure requirements and enabling core IT teams to spend less time on day-to-day administrative and support activities

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