IDC

Executive Summary

The Business Value of Red Hat Ansible Automation Platform

RESEARCH BY:

Harsh Singh

Stephen Elliot

IDC conducted customer research that explored the value and benefits of organizations using the Red Hat Ansible Automation Platform to standardize and automate IT operations, container, and configuration activities across cloud environments and teams in a consistent and repeatable model. This research found that these organizations were realizing significant process efficiencies, faster cycle times, and operational benefits across operations, network, storage, architecture, and security teams by using the Ansible Automation Platform's programmatic software-driven approach to IT automation. These improvements often led to optimized levels of cost reduction and containment, improved team collaboration, and more secure operations. It also enabled improved DevOps agility and execution, consistent alignment of automation across teams to enable faster decision making, improved control, and service transparency.

The Ansible Automation Platform is a foundation for building and operating enterprise-wide automation. The platform provides a flexible enterprise framework for building and operating an IT automation foundation across domains and at scale. *Continued next page...*

BUSINESS VALUE HIGHLIGHTS

667%
five-year return on investment (ROI)

10 months
months to payback

30%
more efficient IT infrastructure management

29%
more efficient network infrastructure management

75%
faster deployment of new storage resources

39%
more applications developed per year

30%
more efficient IT security teams

76%
reduction in unplanned downtime

$1.9 million
total new revenue gained per year

Users can centralize and control their infrastructure with a visual dashboard, role-based access control, and automation tools including analytics and certified, reusable content. Study participants described achieving strong value with the Ansible Automation Platform by empowering DevOps and development teams to meet business demand for improved digital functionality, while streamlining and optimizing their IT environments. Study participants described their ability to achieve strong value with the Ansible Automation Platform based on interviews with these Red Hat customers.

IDC projects that study participants will achieve strong business value over time by:

▶ Improving the productivity and effectiveness of IT Infrastructure, network management, and security teams with increased IT and DevOps agility via improved standardization and compliance controls. With these new efficiencies in place, cross-siloes found that they could spend less time on day-to-day administration/toil and support activities that help shift their focus to more strategic tasks.

▶ Increasing IT operational productivity across a variety of infrastructure teams due to the standardization and automation of many configuration tasks and IT operations processes including faster deployments of new compute, networking, and storage infrastructure, as well as hybrid cloud deployments.

▶ Increasing the effectiveness and speed of application development teams and boosting the number of new applications released annually (i.e., deployment frequency) to meet business demand for improved digital functionality, while streamlining and optimizing supporting IT environments.

▶ Enabling informed decision-making allows operations teams to analyze and aggregate data and generate reports on the status of automation deployments across multiple clusters.

▶ Providing the opportunity to automate security practices and bringing together the different tools used in security activities to improve the security posture and time-to-action.

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

▶ Minimizing the effects of unplanned downtime thereby lowering business risk and increasing productivity.

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