

IBM AND RED HAT® SOLUTIONS

# Stay agile: Run your IT enterprise the open source way

Embrace emerging technologies  
with Red Hat solutions



## Contents

- 3 Open source pushes technological capabilities to a new horizon
- 3 Pull back the curtain, Linux is running the show
- 4 Automate mundane tasks to spur innovation and growth
- 5 No matter your cloud environment, build and scale applications with confidence
- 6 Open source reduces costs
- 6 Transform today and get more done tomorrow





## Open source pushes technological capabilities to a new horizon

The pandemic prompted a surge in enterprise cloud usage. Today, as workloads continue to migrate to the cloud, optimizing cloud use and budgets has become more urgent. This has made the role of an IT manager more challenging than ever. As organizations redefine their digital transformation strategies, IT leaders are evolving applications and IT environments with an eye toward future agility.

To stay competitive amid dramatic shifts in the global marketplace, IT organizations need to seize the moment and ride the momentum to create better technology. The pressure is coming from all directions to move new applications into production quickly yet also harden security. As always, you're contending with competing demands to be more flexible and more stable.

Open source offers a better, more standardized approach to automation and innovation. An open hybrid cloud strategy brings the interoperability, workload portability and flexibility of open source software to enterprise environments.

## Pull back the curtain, Linux is running the show

Behind the scenes, Red Hat Enterprise Linux (RHEL) is integral to the worldwide economy. In fact, 95% of Fortune 500 firms rely on Red Hat Enterprise Linux.<sup>1</sup> A standardized operating environment can simplify your IT infrastructure to improve efficiency, reduce costs, increase uptime, accelerate deployment and provisioning, boost security and improve IT productivity. RHEL can serve as your foundation for new applications, virtual machines and hybrid clouds.

When your systems have a common, shared foundation, they can deliver a variety of services as needed instead of being dedicated to a single function. Intelligent sharing of IT resources gets more work done with fewer servers. As a result, organizations that use Red Hat Enterprise Linux spend less on server purchases, software for those servers, server maintenance, and datacenter power, cooling and floor space. Red Hat-powered organizations spend less time doing routine IT tasks, resolving support calls, recovering from unplanned downtime, and deploying or upgrading business apps. And they reap business benefits by delivering new services faster.

RHEL allows you to securely manage any environment — from physical machines to multiclouds to hybrid clouds. Continual analysis and increased visibility into your deployments means you can identify and address operational and vulnerability risks before an issue results in downtime. With a strong and reliable IT foundation, you're at liberty to innovate without day-to-day management worries.

---

# 95%

of Fortune 500 firms rely on Red Hat Enterprise Linux.<sup>1</sup>



## Automate mundane tasks to spur innovation and growth

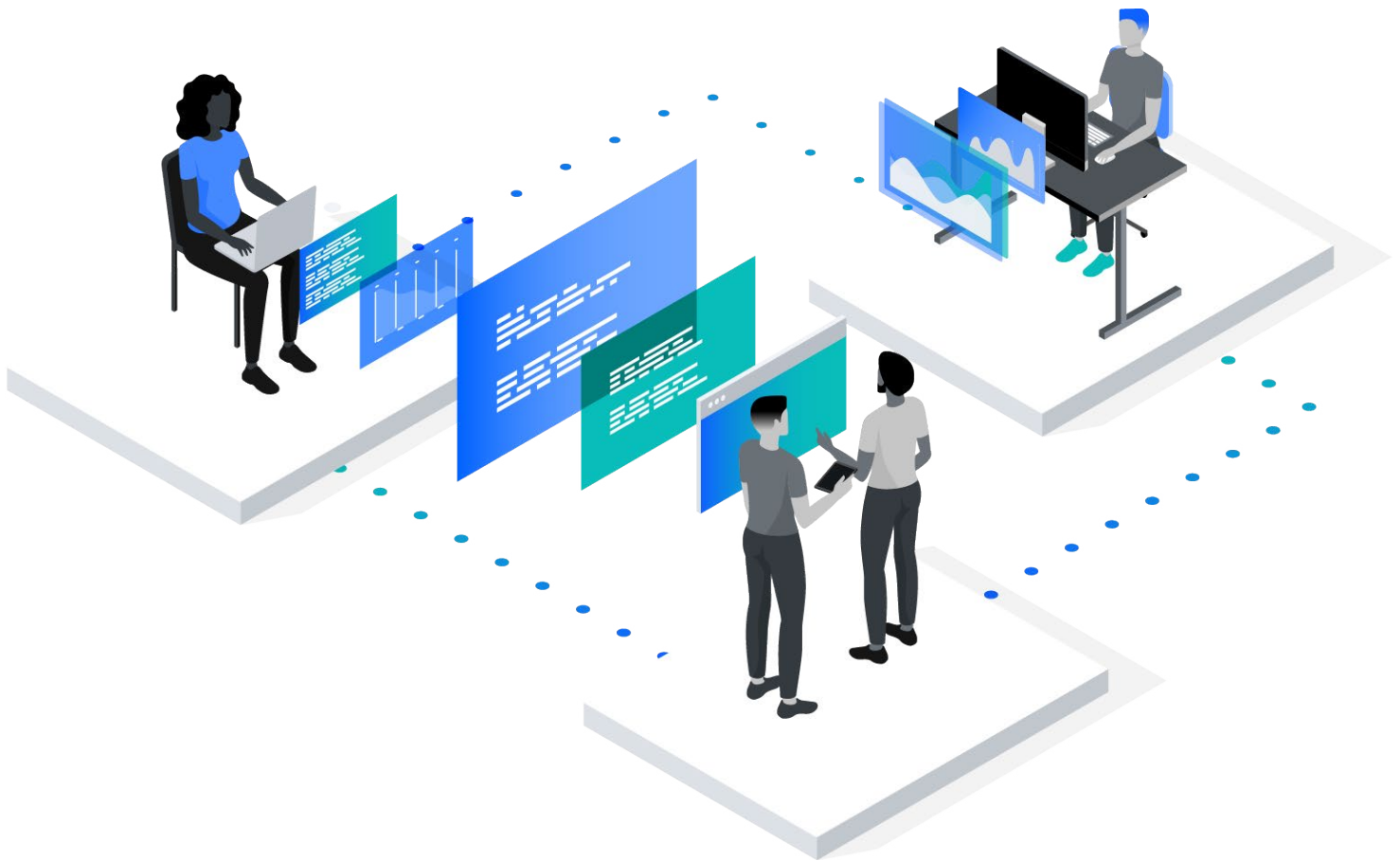
[Red Hat Ansible Automation Platform](#) is like progress in a package, tied with a bow. Ansible carries away your manual processes on a conveyor belt of automation. Relieved of redundant and mundane tasks, you can achieve faster rollout of new applications while freeing up time, money and resources for strategic initiatives.

While business demands ever greater efficiency, Ansible is quietly getting down to work. The platform provides an enterprise framework for building and operating IT automation at scale. You'll have all the tools you need to implement enterprise-wide automation, including a visual dashboard, role-based access control, analytics and certified, reusable content.

An enterprise-wide approach can help your organization realize the full value of automation for modern, digital applications. Enterprise-wide automation allows your

organization to manage complex environments more easily, gain visibility into your operations, and integrate new technology and processes more effectively. People are at the core of any enterprise-wide initiative, and automation is no different. In order to adopt automation across your organization, all teams — including line of business, network, security, operations, development and infrastructure — must be on board and participate.

Ansible's YAML automation language is readable by humans, so users across an organization can share, vet and manage automation content. Searchable collections of pre-composed roles and modules make it possible for anyone to create automation for specific administrative tasks without having to learn an advanced programming language. Ansible can be used to install software, automate daily tasks, provision infrastructure, improve security and compliance and patch systems.



## No matter your cloud environment, build and scale applications with confidence

Managing, developing and deploying applications across hybrid cloud or multicloud environments is complex. Ensuring security and compliance adds to that complexity. Red Hat engineers work with the greater open source community to help improve features, reliability and security to make sure your business performs and remains stable and secure.

Ansible can help you integrate security into processes, applications and infrastructure from the start. Applying automation to your security processes can help you identify, validate and escalate threats faster without manual intervention. And in case of a breach, security teams can use automation to rapidly apply remediation to affected systems across your environment concurrently.

Red Hat OpenShift Managed Services support various cloud environments so you can offload management of cloud workloads and reduce operational overhead and complexity. Built on industry-leading Kubernetes expertise, the managed services are optimized for performance, scalability and security. This allows your IT organization to focus on building and scaling applications that add more value to your business.

## Open source reduces costs

According to IDC research, among study participants, the average annual benefit of Red Hat solutions is \$43,600 per 100 users of IT services. The savings were derived from IT staff productivity increases, enhanced IT agility and improved application performance. Risk mitigation and IT infrastructure cost reductions also contributed to the annual value of Red Hat solutions.<sup>2</sup> By helping IT staff shift their focus from tedious matters to strategic initiatives, they can better perform their tasks and add value to the business.

## Transform today and get more done tomorrow

With the expertise, agility and security of Red Hat and IBM, you can have the consistent foundation you need to automate more and innovate faster. Red Hat can help you realize the full potential of your existing IBM solutions to achieve digital transformation in a rapidly evolving business environment.

Find out more at  
[ibm.com/cloud/redhat](https://ibm.com/cloud/redhat)

“The selection of IBM’s hybrid cloud architecture with Red Hat OpenShift gives us the flexibility to optimize across different public cloud platforms according to our future needs.”

**Peter Brickley**

Chief Information Officer

Coca-Cola European Partners

## Sources

1. Red Hat client data and Fortune 500 list, June 2020.
2. IDC Business Value White Paper, sponsored by Red Hat, April 2021

© Copyright IBM Corporation 2021  
IBM Global Services  
Route 100  
Somers, NY 10589  
U.S.A.

Produced in the United States of America  
July 2021  
All Rights Reserved

IBM, the IBM logo and ibm.com are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both. If these and other IBM trademarked terms are marked on their first occurrence in this information with a trademark symbol (® or ™), these symbols indicate U.S. registered or common law trademarks owned by IBM at the time this information was published. Such trademarks may also be registered or common law trademarks in other countries. A current list of IBM trademarks is available on the Web at "Copyright and trademark information" at [ibm.com/legal/copytrade.shtml](http://ibm.com/legal/copytrade.shtml) Other company, product and service names may be trademarks or service marks of others.

References in this publication to IBM products and services do not imply that IBM intends to make them available in all countries in which IBM operates.



Please Recycle