



Red Hat Enterprise Linux on Microsoft Azure

Transform your business with an intelligent, scalable,
security-focused IT foundation



Hybrid cloud: A business accelerator for digital transformation

72%

of enterprises have a hybrid cloud strategy, and

96%

use at least one public cloud.¹

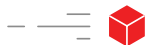
A hybrid cloud approach to IT modernization takes advantage of the cost and agility benefits of public cloud resources while maintaining on-premise infrastructure to meet specific workload, security, or compliance demands.

The benefits of integrating public cloud resources into a more traditional on-premise infrastructure are key to competing in today's innovation-focused environment, including unlimited scalability and massive compute performance. However, it is important to consider the impact of hybrid cloud on both your organization and its digital transformation journey.

When it comes to hybrid cloud, the question is not **when** but **how**.

How can you:

- ▶ Build your workloads on a production-grade operating system (OS) in a cloud environment?
- ▶ Simplify cloud migration with trusted tooling and support?
- ▶ Protect your business with integrated security?
- ▶ Streamline cloud management?



Build a hybrid cloud to support modern IT

Top cloud initiatives for 2023¹ include:

1. Optimizing existing use of cloud (cost savings).
2. Migrating more workloads to cloud.
3. Implementing automated policies for cloud governance.
4. Improving financial reporting on cloud costs.
5. Progressing on a cloud-first strategy.

With access to new tools and new ways of working, a cloud-based approach empowers organizations to keep pace with evolving technology. But how do you ensure that you have the most effective, security-focused solutions to keep up with your business?

A hybrid cloud that is built to support the needs of modern IT delivers:



Choice without complexity. Choose where to run your applications—in your datacenter and cloud—to expand your IT options without adding complexity.



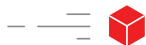
Portability. Benefit from a consistent enterprise platform and application programming interfaces (APIs) for certified apps and containers, creating portability across physical, virtual, and private and public clouds.



Comprehensive support. Access global support across hybrid environments for a consistent support experience.



Manageability. Simply and efficiently manage workloads across physical, virtual, and private and public clouds.





Cloud migration with Red Hat and Microsoft Azure

90%

of organizations are using, experimenting with, or planning to use Microsoft Azure.

66%

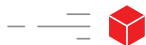
of organizations say migration is a top cloud challenge.¹

Cloud migration provides organizations with scalability, cost optimization, and security features. It fosters innovation and agility, helping organizations to adapt to market changes and modernize legacy systems.

Together, Red Hat and Microsoft Azure provide a comprehensive, flexible, and open solution for organizations ready to start their cloud migration. With integrated support from both companies, migrating with Red Hat® Enterprise Linux® on Microsoft Azure is a simpler experience. Additionally, organizations with committed spend for Microsoft Azure can use it to deploy Red Hat solutions.

Migrating to the cloud with Red Hat solutions on Microsoft Azure can provide multiple benefits:

- ▶ **Maximize return on investment.** Reduce costs by optimizing workload placement, management, and monitoring.
- ▶ **Increase performance and business resilience.** Improve scalability, elasticity, and performance, reduce time to value, and enhance business continuity.
- ▶ **Focus on security from code to cloud.** Improve your security posture and meet regulatory compliance requirements.
- ▶ **Make the most of artificial intelligence (AI).** Gain a competitive advantage with AI services. Modernize old applications, create new ones, and innovate more efficiently.



Red Hat Enterprise Linux on Microsoft Azure: Any workload or application on a single OS

90%

of companies in the Fortune Global 500 rely on Red Hat products.²

Engineered for cloud, Red Hat Enterprise Linux gives organizations a consistent OS across public, private, multicloud, and hybrid cloud environments—with the flexibility to go where your business goes.

Red Hat Enterprise Linux also provides tools for container development: **Buildah** for building containers, **Podman** for running containers, and **Skopeo** for sharing containers. It gives developers the flexibility to build where and how they need to, even at remote edge sites. Red Hat Enterprise Linux simplifies the build-to-deploy process by standardizing on a set of agreed-upon technologies that are well supported, maintained, security-focused, and ready for production deployment.

- ▶ **Innovate** with application streams that provide multiple versions of tools, allowing developers to more readily access the latest stable versions of the languages, tools, and databases they need while maintaining support for teams that require older versions.
- ▶ **Transform** with image builder to define and deploy your custom Red Hat Enterprise Linux images. Push images to Microsoft Azure and Red Hat Enterprise Linux container tools to help simplify and accelerate the transformation of workloads across datacenter, cloud, and edge environments. Subscription portability reduces complexity and enhances manageability across all environments, including cloud.
- ▶ **Optimize** by using Performance Co-Pilot, web console, system roles, and Red Hat Insights services. These tools can help to configure Red Hat Enterprise Linux and workloads that run on it to achieve optimal performance, increase efficiency, and streamline management at scale. Insights also provides several sets of services to manage Red Hat Enterprise Linux instances, including public cloud resource optimization, workload performance tuning, patching, security monitoring and common vulnerabilities and exposures (CVE), and subscription management.
- ▶ **Protect** systems with Red Hat's single sign-on technology for cloud-native, distributed authentication for applications, identity management and active directory integration, including user and directory services and certificate services, and a dedicated security team. Organizations in regulated sectors benefit from key certifications for federal information processing standard (FIPS) 140-2, Common Criteria, and security technical implementation guides (STIG), and Red Hat Insights can be used to define and enforce policies to improve security compliance and operational efficiency.





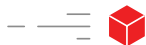
Advance your cloud journey with a hybrid cloud environment from Red Hat and Microsoft

Red Hat and Microsoft use their experience to build advanced security features into Red Hat Enterprise Linux and Microsoft Azure. This partnership helps you reduce risk, maintain a security-focused operating environment, and better protect your organization's most important data.

With Red Hat and Microsoft, you can deploy a security-focused, reliable, flexible hybrid cloud environment that positions your organization for success in rapidly changing, competitive markets.

Red Hat Enterprise Linux on Microsoft Azure helps you extend your datacenter into a connected cloud environment to meet your rapidly evolving business needs.

- ▶ Deploy and scale applications, improving reliability and performance with tested and certified interoperability across on-premise and cloud environments.
- ▶ Protect your data, applications, and infrastructure with advanced, integrated security features that work across your hybrid environment.
- ▶ Integrate traditional on-premise applications and cloud-native workloads with a consistent, hybrid foundation.
- ▶ Simplify management with unified tools and visibility across cloud and on-premise environments.
- ▶ Save up to 76% compared to standard pay-as-you-go rates with Microsoft Azure Hybrid Benefit for Linux.³
- ▶ Achieve a lower cost of ownership when you combine Azure Hybrid Benefit, reservations savings, and extended security updates.





Streamline migration with enterprise support and expertise

Together, Red Hat and Microsoft provide integrated enterprise support for customers running Red Hat solutions on Microsoft Azure. This support includes multilingual engineers across multiple regions, colocated staff from both companies, an integrated ticketing system, and a coordinated escalation and resolution process.

Red Hat and Microsoft's integrated support delivers an efficient experience for customers seeking to address technical challenges.

Get started

Discover how Red Hat Enterprise Linux provides an intelligent, stable, and security-focused operating foundation for modern IT environments on Microsoft Azure.

[Get started](#) with Red Hat Enterprise Linux on Microsoft Azure Marketplace.

