

IBM Consulting for Red Hat OpenShift on Microsoft Azure

Modernize traditional deployments and build
cloud-native applications



Highlights

Accelerate the migration
and containerization
of existing applications

Restructure existing
applications to be
cloud native

Build cloud-ready
applications using
microservices architecture

Improve DevSecOps
adoption by combining
Microsoft Azure automation
with IBM DevOps
accelerators and
security capabilities

Many organizations hesitate to adopt containers and microservices for their production workloads due to the challenge of creating and maintaining a container platform that conforms with their modernization needs and compliance criteria.

IBM Consulting™ for Red Hat® OpenShift® on Microsoft Azure can help simplify and accelerate your application modernization journey. From containerization of existing, on-premises applications to building new applications ready for public, private and hybrid cloud use, our cloud experts work with you to examine your application portfolio and help optimize workloads for transformation.



Extend your investments and unleash the power of cloud

Containers are an excellent way to provide your DevOps teams with lower overall infrastructure costs, dependable execution, simpler handoffs to IT operations and improved horizontal scaling. Still, many organizations are slow to adopt container technology, often inhibited by concerns about managing and maintaining the platform.

Our cloud expertise with the Microsoft Azure platform and assets—together with Red Hat OpenShift—can help you simplify application modernization and speed cloud adoption for a competitive advantage.



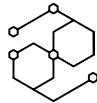
Reduce operational costs with a consumption-based, pay-as-you-go model where you only pay for what you need when you need it.



Enable rapid development and deployment of new clusters in as little as 15 minutes.¹



Accelerate your hybrid cloud journey with tightly integrated, co-engineered containers and cloud platforms.



Get a fully managed service with high availability of primary and application nodes, without the need for virtual machines that require management or patching.



Uncover clear, outcome-based recommendations with the IBM Garage™ Methodology.



Increase growth, efficiency and innovation with advanced tools and methodologies.

¹ Based on IBM proof-of-concept results from 10 clients. Actual results may vary.

IBM Consulting for Red Hat OpenShift on Microsoft Azure drives container-led modernization at scale across applications and data by combining Microsoft Azure offerings with prebuilt IBM assets.

Key benefits of the engagement include:

- Choose your own registry, networking, storage and continuous integration continuous deployment (CICD) solutions, or use the Microsoft Azure built-in solutions for automated source code management, container and application builds, deployments, scaling, health management and more.
- Enable a single sign-on experience through Microsoft Azure Active Directory.
- Get integrated access to Microsoft Azure infrastructure as a service (IaaS) and platform as a service (PaaS) offerings. Deploy through the Microsoft Azure Portal or the Microsoft Azure command-line interface (CLI).
- Receive support jointly engineered and operated by Red Hat and Microsoft.

Additionally, the design strategy includes an application assessment, a working proof of concept, cloud value model and next steps to help execute your end-state vision.

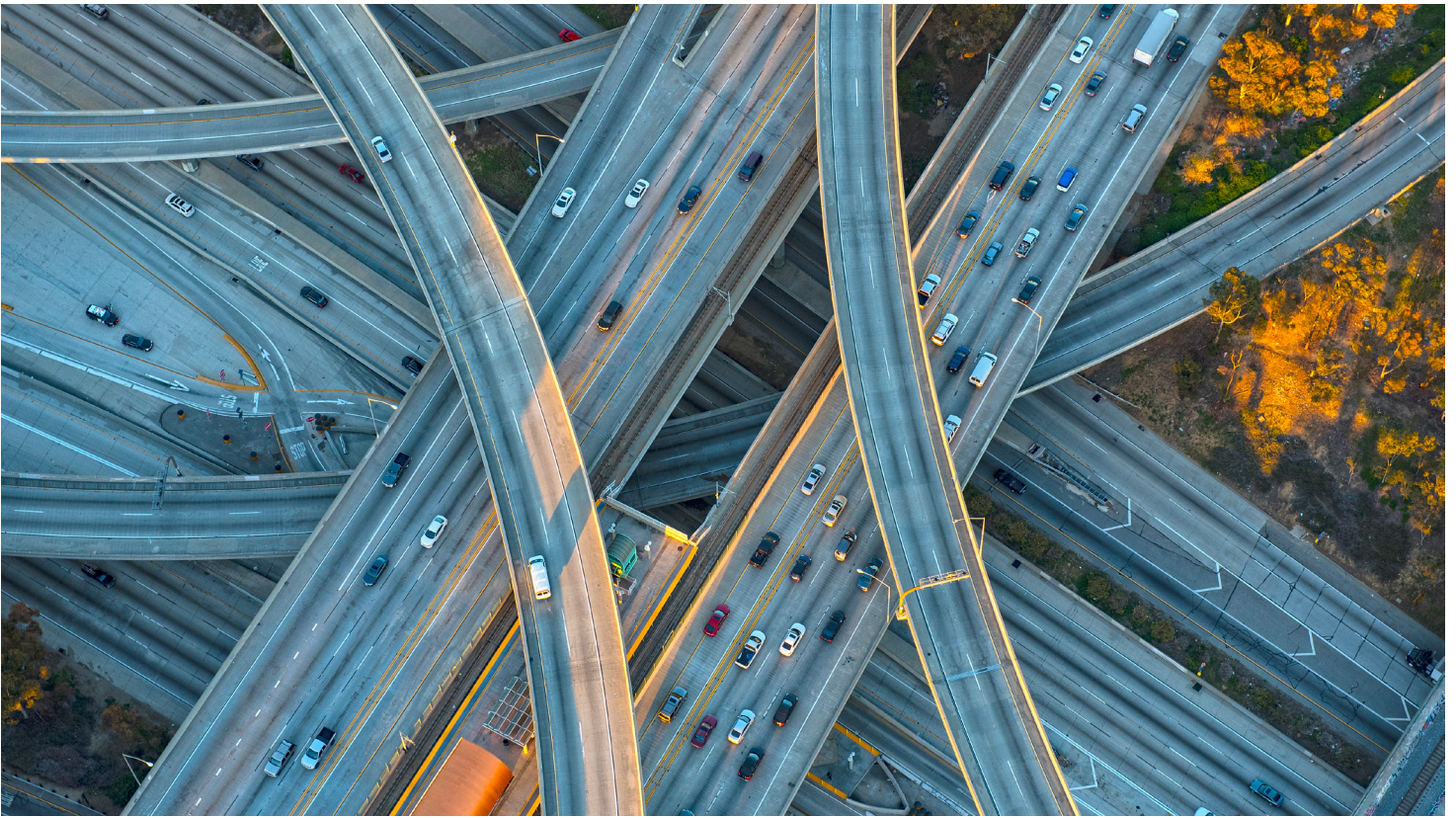
Why IBM?

Helping clients modernize and realize the benefits of cloud is a cornerstone of IBM's legacy, providing a wide range of service offerings with cloud packs enriched in applications, data, integration, automation and multicloud management. With more than 90,000 cloud professionals and decades of experience, our agile, expert-led methodology can help speed your modernization journey.

IBM Consulting offers:

- Design thinking accelerators
- Agile implementation methodology
- IBM Garage Methodology
- Industry benchmarking tools
- Proven implementation skills for more than 14,000 clients

[Learn more →](#)



Try a six-week to eight-week immersive engagement

Our team of experts will work with you to transform your application landscape.

- Replatform or refactor: Modernize applications running in containers on fully managed Red Hat OpenShift with CICD operations.
- Rearchitect: Run new microservices in serverless containers on fully managed Red Hat OpenShift with CICD operations and server meshing.
- DevSecOps enablement: Create a fully provisioned DevSecOps pipeline along with DevOps-enabled applications running in containers on the Red Hat OpenShift platform.

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