

IBM Global Business Services for Red Hat OpenShift on AWS

Transform and innovate with hybrid cloud



Highlights

- Port workloads between clouds and integrate cognitive capabilities
- Remove the burden of manual deployment with a fully managed service
- Deploy services with native AWS service integration
- Simplify procurement with unified billing and consumption-based pricing

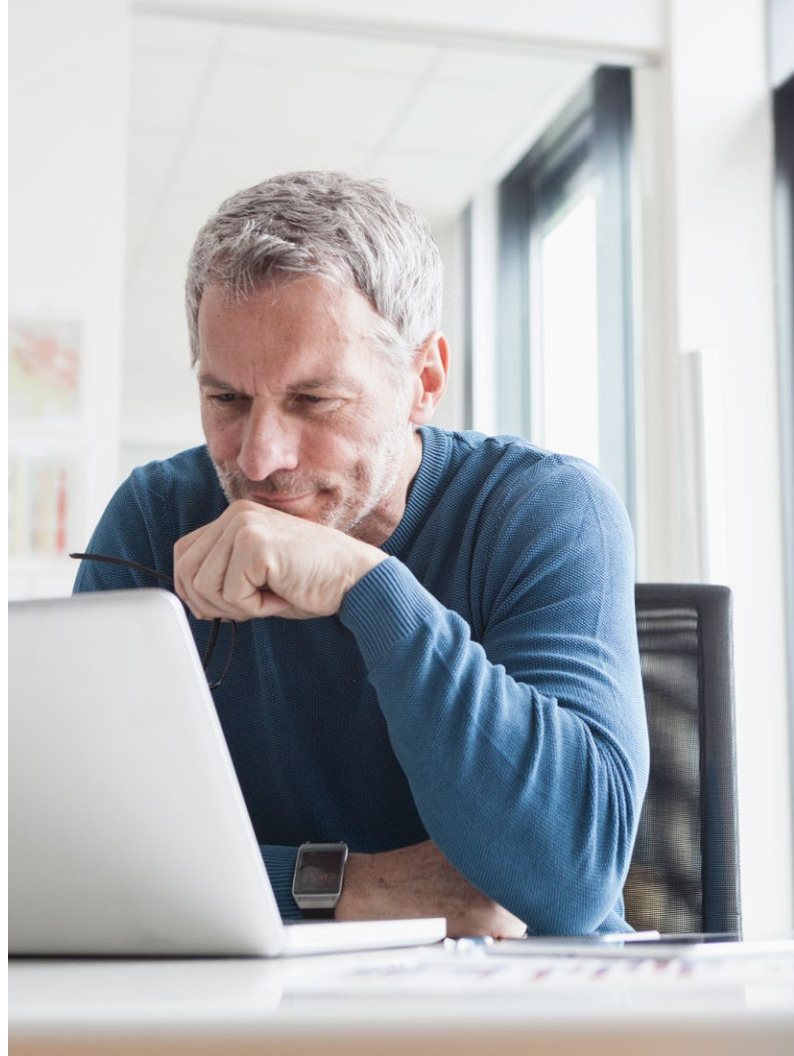
Finding solutions that are the right fit for your particular organization is key to staying competitive in the next-generation business model. Right-fit solutions can only become a reality through deep understanding of your unique business model and core enterprise ecosystem.

IBM Global Business Services® for Red Hat® OpenShift® on Amazon Web Services (AWS) is a fully managed, open-source offering. Our approach brings together the best of IBM, Red Hat and AWS infrastructure cluster creation, architecture, performance, operation, support and cost to create the right-size solution for your business.

Take the hassle out of workload portability on your cloud of choice

Hybrid cloud is rapidly becoming the norm in today's enterprise business model, making it more difficult to move workloads across clouds. Porting a workload requires a great deal of change in configuration, toolsets and processes, which is why IBM Global Business Services for Red Hat OpenShift on AWS is designed to work with any cloud. Once developed and deployed with OpenShift, your workloads can be ported to your cloud of choice—without the added hassle of changing development tooling, build pipelines and core services.

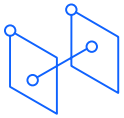
At the same time, current business models encourage enterprises to adopt cognitive capabilities like AI and machine learning to achieve better insights into user behavior. These adoptions often require some heavy lifting, primarily due to absence of cross-cloud workload parity. IBM Global Business Services for Red Hat OpenShift on AWS can help ease cognitive adoption with capabilities specifically designed to mitigate complication related to integration.



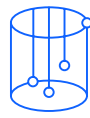
Remove the burden of manual deployment with a fully managed service

A key component of IBM Global Business Services for Red Hat OpenShift on AWS is its API for cluster creation in existing instances of AWS Virtual Private Cloud (VPC). The API removes the burden of manual deployment of an OpenShift cluster. Unlike a dedicated OpenShift instance, our approach offers a fully managed service that allows you to focus on the application workload.

Platform services managed by IBM Global Business Services for Red Hat OpenShift on AWS include:



Compare



Storage



Network



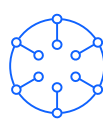
Service mesh



Security and authentications



Audit services, such as logging and monitoring



Automations on delivery, such as continuous integration/continuous deployment (CI/CD)



Container-native services, such as container registry, software-defined networking (SDN) and more

Deploy services with native AWS service integration

Workload dependency or custom-tailored technology and deployment architecture can be implemented with the OpenShift service catalog and Amazon Controllers for Kubernetes. Built on the Open Service Broker API standards, IBM Global Business Services for Red Hat OpenShift on AWS allows users to deploy services using native manifests and the OpenShift console. AWS Service Broker supports native AWS services like Amazon Relational Database Service (RDS), Amazon Elastic MapReduce (EMR), Amazon DynamoDB, Amazon Simple Storage Service (S3), and Amazon Simple Queue Service (SQS).

Simplify procurement with unified billing and consumption-based pricing

Unlike the existing customer onboarding process of OpenShift and AWS, IBM Global Business Services for Red Hat OpenShift on AWS offers a unified, integrated procurement process where customer can access our service from the AWS console with a single billing based on an hourly consumption model.

Why IBM?

Helping clients modernize and realize the benefits of cloud is a cornerstone of IBM's legacy, offering 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.

While enterprises have been using Red Hat Linux on AWS since 2008, IBM Global Business Services for Red Hat OpenShift on AWS broadens the alliance with a joint and unified support model, simplified consumption of the OpenShift license and on-demand access to the OpenShift container platform. Our team of AWS service experts helped create the pattern-based migration and modernization approach for unique and industry-specific business challenges, with reference framework optimized for Red Hat and AWS component service usage and DevSecOps best practices.

[Learn more](#)



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IBM Corporation
New Orchard Road
Armonk, NY 10504

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