

About your service

Service description

Red Hat OpenShift on IBM Cloud is a managed offering to run your own cluster and deliver highly-available and secure containerized apps on a public cloud. Combining an intuitive user experience with built-in security and isolation, you can manage and monitor your workloads with intelligent-scheduling, self-healing, horizontal-scaling, load-balancing and configuration-management.

Service categories

- Compute and application hosting
- Container service
- Infrastructure and platform security
- Networking (including network as a service)
- Platform as a service (PaaS)

Service features and benefits

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Service features

- Container security and isolation choice
- Integrated Vulnerability advisor
- Encryption in secret and private registry
- Tuneable capacity with isolation choices for worker nodes
- Secure service binding to IBM Cloud services (Watson, IoT, etc)
- CLI/API ensuring portability, consistency & integrating with CI/CD Tooling
- Integrated operational tools for monitoring and logging
- Intelligent scheduling, self-healing, horizontal scaling, service discovery
- Managed add-ons for Istio and Knative

Service benefits

- Choice of container platform provider
- Create customised infrastructure that meets your organisational requirements

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- Increase high availability with OpenShift multi-zone clusters
- Reduce cluster downtime with highly available OpenShift masters
- Image security compliance with vulnerability advisor
- Use the cluster dashboard to continuously monitor cluster health
- Secure expose of apps to the public
- Integrate IBM Cloud services to benefit from added capabilities
- Automatic load balancing across apps with the multizone load balance
- Decrease your costs by using OpenShift multi-zone clusters

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