

OPENSIFT ENTERPRISE 3 BY RED HAT

DATASHEET

KEY BENEFITS

- Gives application developers access to an on-demand platform to deploy and scale their runtimes, middleware, databases, and service end points.
- Delivers IT operations a secure, enterprise-grade, container-based platform to orchestrate services with immutable and portable building blocks.
- Provides a full suite of programming languages and integrations with developer tools.

WITH OPENSIFT ENTERPRISE BY RED HAT, YOU CAN:

- Accelerate application delivery to meet business needs.
- Harness the power of a web-scale microservices architecture.
- Increase operational efficiency while empowering your developers.



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OVERVIEW

OpenShift Enterprise by Red Hat® is a distributed application system designed for on-premise, public, or hybrid cloud deployments. Built with proven open source technologies, OpenShift Enterprise is a Platform-as-a-Service (PaaS) that helps application development and IT operations teams create and deploy apps with the speed and consistency that business demands.

OPENSIFT ENTERPRISE

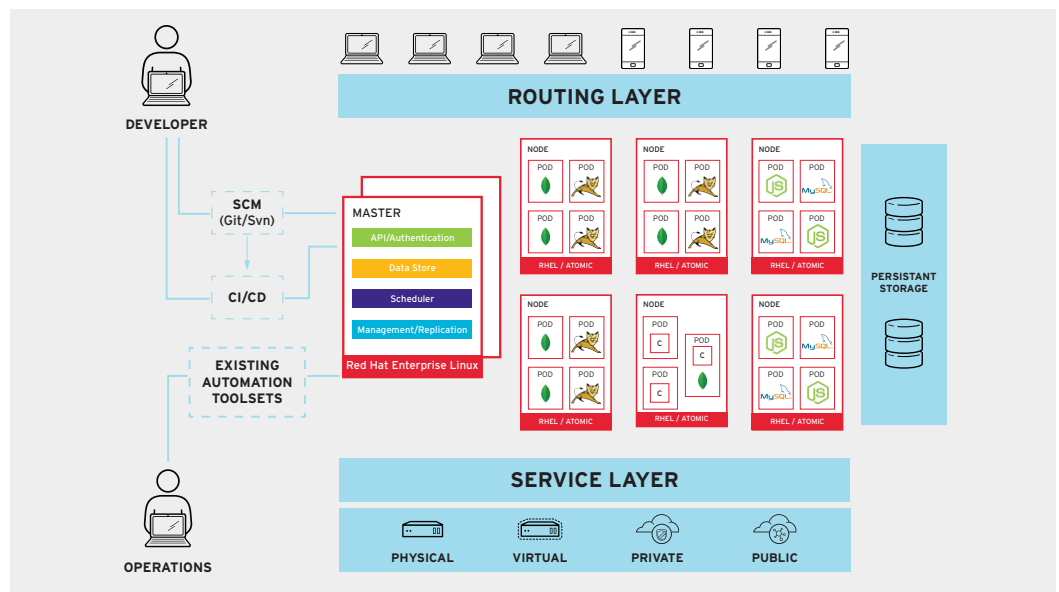
FOR DEVELOPERS

With OpenShift Enterprise, developers can harness the power of a web-scale microservices architecture directly from the tools they use most. Whether it's through the web console, command-line interface, or integrated development environment, OpenShift Enterprise makes creating, modifying, and deploying applications effortless. With OpenShift Enterprise's automated source-to-image workflow, it's simple to get source code from version control systems into ready-to-run docker formatted container images. This makes build automation with existing continuous integration and delivery solutions simple as well.

FOR OPERATIONS

OpenShift Enterprise gives IT operations a secure, enterprise-grade environment that provides powerful declarative management for application services and automated placement. Using the Kubernetes orchestration system, applications are highly available and easily scaled. With OpenShift Enterprise, architects and sys-admins never need to choose between using a PaaS solution and taking advantage of shared, persistent storage.

AT A GLANCE



OpenShift Online is Red Hat's hosted public PaaS service, available at openshift.com.

- OpenShift Online runs in the public cloud.
- Developers can sign up for free, check out all the great features and capabilities, and start coding and running applications on OpenShift today.
- For access to additional resources and full technical support from Red Hat, OpenShift Online users can upgrade to the Silver tier of service.

OPENSIFT ENTERPRISE FEATURES

FEATURE	BENEFIT
Self-service platform	Developers can quickly and easily create applications on demand directly from the tools they use most. Operations teams can take advantage of placement and policy to orchestrate environments that meet their best practices.
Polyglot, multi-languages support	Developers can run multiple languages, frameworks, and databases on the same platform. Customers can take advantage of the docker formatted container images more easily.
Automation	Application builds, deployments, scaling, health management, and more are automated using integrated components from Kubernetes.
User interfaces	Developers have access to multiple interaction models, including a rich set of command-line tools, a powerful multi-device web console, and Eclipse-based integrated development environments such as JBoss® Developer Studio.
Collaboration	Collaboration on OpenShift Enterprise isn't obstructed by bloated processes. Developers can easily add or remove team members to a project.
Scalable	Easily scale applications to handle increased traffic and demand.
Container portability	Built around a standardized container model powered by native docker APIs, an application created on OpenShift can easily run anywhere that supports docker formatted containers.
Open source	You aren't restricted to the technology or business roadmap of a specific vendor.
Choice of cloud	Choose to run applications on top of physical or virtual, public, private, or even hybrid cloud infrastructure. This gives IT the freedom to deploy OpenShift Enterprise in a way that fits existing infrastructure.



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