Red Hat OpenShift

5 things to know about building and certifying Red Hat OpenShift operators
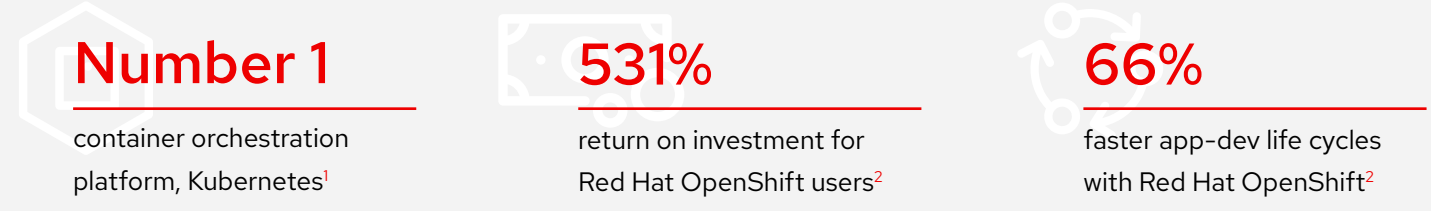
Let's build better, together.

Create and certify your software on Red Hat® platforms to offer your business and your customers more flexibility, scalability, and freedom from vendor lock-in.
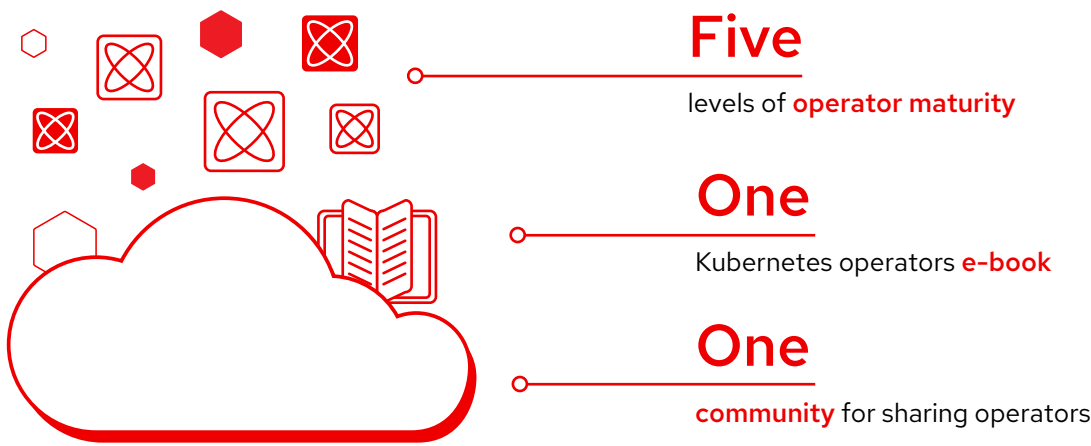
One:
The basics

Red Hat OpenShift® is an enterprise Kubernetes container platform for hybrid cloud. **Kubernetes** orchestrates and automates the deployment, management, and scaling of container-based apps.

Number 1
container orchestration platform, Kubernetes[1]

531%
return on investment for Red Hat OpenShift users[2]

66%
faster app-dev life cycles with Red Hat OpenShift[2]

Discover how Red Hat OpenShift 4 works with a **free trial**.
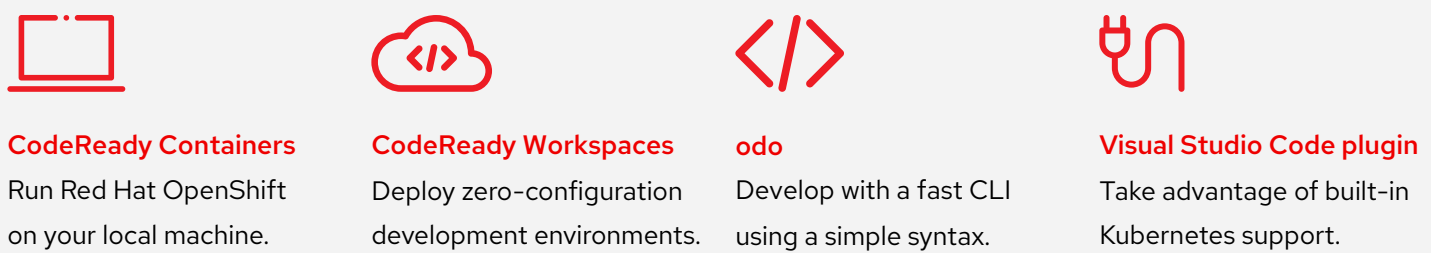
Two:
The operators

Operators are custom controllers that manage your app as a Kubernetes service. Platform services like scaling are handled through Kubernetes, so you don't have to build them into your app.

Five
levels of **operator maturity**

One
Kubernetes operators **e-book**

One
community for sharing operators

Read the **Kubernetes operators page** at Red Hat Developer to learn how to build an operator.

Three:
The tools

Red Hat OpenShift includes tools—like a dedicated developer console, command line interface (CLI), and integrated development environment (IDE) connectors—that make development easier.

CodeReady Containers
Run Red Hat OpenShift on your local machine.

CodeReady Workspaces
Deploy zero-configuration development environments.

odo
Develop with a fast CLI using a simple syntax.

Visual Studio Code plugin
Take advantage of built-in Kubernetes support.

Read the **IDC Market Note** to learn more about the Red Hat OpenShift 4.2 developer experience.

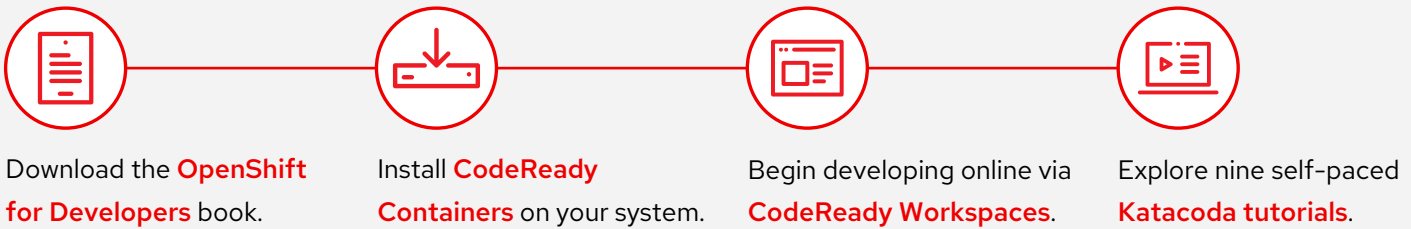## Four:
The certification

Customers choose certified solutions for increased interoperability, security, and support. Certifying your Kubernetes operators with Red Hat OpenShift delivers measurable business value.

Free
operator workshop to help you get started

Three
new operator **certification badges**

One
marketplace to sell your operators

No-touch
updates for continuous threat protection

Visit **Red Hat Partner Connect** and read the **certification guide** to learn more about certifying.

Five:
The starting points

No matter where you are in your partnership with Red Hat, you can begin certifying your apps today.

Download the **OpenShift for Developers** book.

Install **CodeReady Containers** on your system.

Begin developing online via **CodeReady Workspaces**.

Explore nine self-paced **Katacoda tutorials**.

Promote your products with Red Hat certifications.

It's easier than ever to develop and certify your applications with Red Hat OpenShift.

Learn more about certifying your software on Red Hat OpenShift:
red.ht/OperatorCert

v1_0720_KVM