




OpenShift Self-learning and Homework



https://developers.redhat.com/learn

Learn

No matter where you are in your software development career, from just starting, to re-training, to expert-level but needing a brush-up, the Red Hat Developer program can help with tutorials and learning.




OpenShift and Kubernetes training


Follow along our curated learning paths in cutting edge skills and workloads involving [OpenShift](#) and [Kubernetes](#).

Want to freely explore the OpenShift Developer Console? Try [OpenShift in our Developer Sandbox](#).

[View all OpenShift learning paths](#)



Deploy a Spring application on OpenShift



Develop with GitOps

Learning changes

We have started using a new learning platform called Instruqt. Some Katacoda lessons and courses have been unpublished as a result of this update; others have migrated to Instruqt. Please note that this is still a work in progress, and we appreciate your patience.

Interactive Learning Scenarios provide you with a pre-configured OpenShift instance, accessible from your browser without any downloads or configuration.

All interactive lessons

Below you will find our full library of individual interactive 'lessons'. We also have several interactive 'courses', which are comprised of multiple related lessons. [Browse all tutorial courses](#).

Filter by topic

OpenShift [Apply](#) [Reset](#)

> Lesson

OpenShift 4.9 Playground

45 minutes | Beginner

Use the web console or the command-line interface in this exercise to explore OpenShift 4.9, then build and control a cluster.

[Start →](#)

> Lesson

Spring Data with JPA/Hibernate

10 minutes | Beginner

Use this scenario to learn more about developing Spring Boot applications using the Red Hat Runtimes platform.

[Start →](#)

> Lesson

Operator SDK with Helm, Memcached

30 minutes | Intermediate

Use this tutorial to create a Memcached Operator from an existing Memcached Helm Chart.

[Start →](#)

> Lesson

Getting Started with Helm 3 on OpenShift

30 minutes | Intermediate

Learn how to use the Helm package manager. It can help you manage and deploy applications on OpenShift.

[Start →](#)

> Lesson

Getting Started with

> Lesson

Working with Kustomize

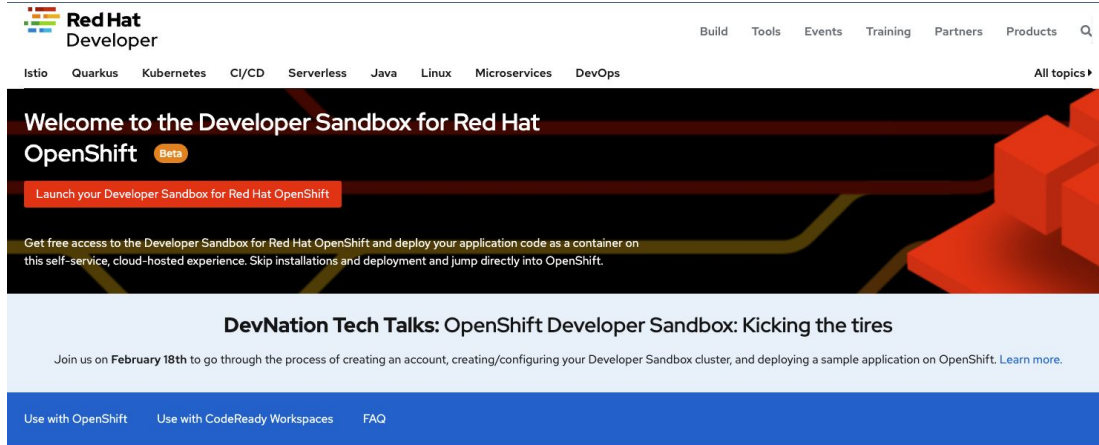
> Lesson

Getting Started with ArgoCD

> Lesson

Getting Started with

https://developers.redhat.com/developer-sandbox

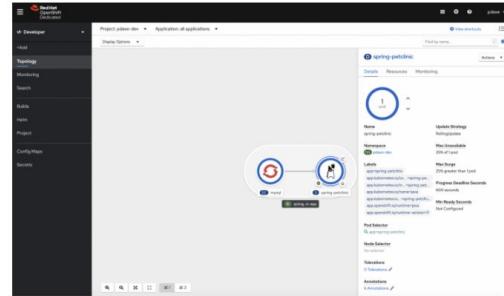


The screenshot shows the Red Hat Developer website. The header includes the Red Hat logo and navigation links for Build, Tools, Events, Training, Partners, Products, and a search icon. Below the header, a navigation bar lists various technologies: Istio, Quarkus, Kubernetes, CI/CD, Serverless, Java, Linux, Microservices, and DevOps, along with an 'All topics' link. The main content area features a large banner with the text 'Welcome to the Developer Sandbox for Red Hat OpenShift' and a 'Beta' badge. A prominent orange button says 'Launch your Developer Sandbox for Red Hat OpenShift'. Below this, a paragraph states: 'Get free access to the Developer Sandbox for Red Hat OpenShift and deploy your application code as a container on this self-service, cloud-hosted experience. Skip installations and deployment and jump directly into OpenShift.' A section titled 'DevNation Tech Talks: OpenShift Developer Sandbox: Kicking the tires' invites users to join on February 18th, with a 'Learn more' link. At the bottom, a blue bar contains links for 'Use with OpenShift', 'Use with CodeReady Workspaces', and 'FAQ'.

Start your OpenShift experience in four simple steps

If you're exploring how to run your code in containers, our Developer Sandbox makes it simple. Not only can you easily deploy your application from a Git repo, you can also set up a cloud IDE for your entire team. Follow these four steps to quickly get started:

- 1 Provision your free Red Hat OpenShift development cluster
- 2 Deploy a sample application or bring your own repo
- 3 Edit code from the integrated Eclipse Che-based cloud IDE
- 4 Fully explore the Red Hat OpenShift developer experience



Homework: **connect.redhat.com**

The image displays two overlapping screenshots of Red Hat's partner portals. The top screenshot shows the 'Red Hat Partner Connect' interface with a navigation bar containing 'Why partner', 'Programs', 'Partner training', and 'Resources & support'. A yellow arrow points to the 'Partner training' link. The bottom screenshot shows the 'Red Hat Partner Training Portal' with a navigation bar including 'Home', 'Catalog', 'My Learning', and 'Reporting'. A red circle highlights the user profile 'Alfred Bach, Learner' in the top right corner. The main content area of the bottom screenshot features a banner for 'Red Hat Training courses now available' with a 'View Available Courses' button. To the right, there is an 'Announcements' section with two items: 'New Accreditation Path: Re...' and 'New Red Hat Training Cours...', both dated '02-Mar'. At the bottom of the page, there are three icons and their corresponding descriptions: 'Join an active, growing ecosystem of partners and', 'Modernize offerings with cloud-ready technology built', and 'Expand your organization's skills with Red Hat's'.

Red Hat Partner Connect

Why partner Programs Partner training Resources & support

Search Log in All Red Hat

Open your partners

Together, we can deliver hybrid cloud solutions, freedom, and support customers need.

Let's get started

Red Hat Partner Training Portal

Partner Home

Home Catalog My Learning Reporting

Red Hat Training courses now available

View Available Courses

Red Hat Partner Connect

Announcements 2

New Accreditation Path: Re... 02-Mar

New Red Hat Training Cours... 02-Mar

Explore the programs


Join an active, growing ecosystem of partners and

Modernize offerings with cloud-ready technology built

Expand your organization's skills with Red Hat's

Homework cont.

Find the OpenShift 4 Foundation Training

**Red Hat**
Training and Certification

Red Hat Training courses available

Red Hat is committed to helping partners build skills. Courses are available to partners at no cost.

[Learn more →](#)

Browse by Category ⓘ ⓘ ⓘ

Red Hat OpenShift 4 Foundations ⓘ 🔍

▼ **Delivery Method**

☐ Accreditation Path (67)

☐ Channel (11)

☐ Course (239)

☐ Elective Path (3)

☐ Podcast (8)

☐ Video (179)

▼ **Language**

▼ **Role**

☐ Delivery (185)

☐ Sales (255)

☐ Sales Engineer (284)

▼ **Product**

☐ Red Hat 3scale API Management (29)


☐ Red Hat AMQ (27)

☐ Red Hat Advanced Cluster Management for Kubernetes (20)

☐ Red Hat Ansible Automation Platform (55)

507 Results for Red Hat OpenShift 4 Foundations ⓘ

Sort by: **Best Match** ⓘ




12 Hours

Course

Red Hat OpenShift 4 Foundations - 한국어

Enroll




12 Hours

Course

Red Hat OpenShift 4 Foundations - 简体中文

Enroll




12 Hours

Course

Red Hat OpenShift 4 Foundations - 日本語

Enroll




12 Hours

Course

Red Hat OpenShift 4 Foundations - Español

Enroll




12 Hours

Course

Red Hat OpenShift 4 Foundations - Português

Enroll




12 Hours

Course

Red Hat OpenShift 4 Foundations


Enroll



Accreditation Path

Red Hat Sales Engineer Specialist - Container Platform II

Enroll



10 Hours

Course

Red Hat OpenShift Data Foundations 4 Implementation

Enroll

HomeWork cont.

Enroll to the training

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Red Hat OpenShift 4 Foundations

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^ Description

Red Hat OpenShift 4 Foundations provides an introduction to Red Hat OpenShift Container Platform. It explains the benefits of Red Hat OpenShift Container Platform, identifies and qualifies use cases, and explains Red Hat OpenShift 4 positioning in the competitive landscape.

The course describes the technical architecture, provides a tour of the OpenShift web console, and introduces Operators, continuous integration/continuous delivery (CI/CD), Red Hat OpenShift Serverless technology, and pipelines using Red Hat OpenShift Container Platform 4. Students perform labs on a live, shared, cloud-based OpenShift cluster.

After completing the course, students will be able to:

- Deploy a PHP application from a Git repository and review the different OpenShift resources created for it
- Explore resource limits and limit ranges
- Use templates to deploy containers to the project
- Deploy, scale, and redeploy an application
- View a deployment and change the deployment type
- Deploy a CI/CD pipeline to manage and monitor the application development life cycle

Note: This offering consists of both a course and an assessment. To obtain credit for completing this course, you must pass the assessment. A score of 70% or greater is required to pass the final assessment. Passing the final assessment grants completion for the entire course.

Details

Identifier: **42451689**

Duration: **12 hours**

Language: **English (en)**

Categories

Product/ **Red Hat OpenShift**

Role/ **Delivery**

Role/ **Sales**

Role/ **Sales Engineer**

Solution/ **Cloud-Native Development**

Solution/ **Hybrid Cloud Infrastructure**

[My Courses](#)


Red Hat OpenShift 4 Foundations

Online · 12 hours

Red Hat OpenShift 4 Foundations introduces students to Red Hat OpenShift Container Platform, including the product's benefits, use cases, and competitive positioning. Topics covered include the technical architecture, the OpenShift web console, Operators, continuous integration/continuous delivery (CI/CD), Red Hat OpenShift Serverless technology, and pipelines using Red Hat OpenShift Container Platform 4. Students perform labs on a live, shared, cloud-based OpenShift cluster. After completing the course, students will understand and be able to demonstrate different aspects of Red Hat OpenShift Container Platform functionality and the user experience.

[To Do](#)

Details **To-do** History



Red Hat OpenShift 4 Foundations Survey

Type: Coursework Online

Date Available: Now Status: Completed



Online · 12 hours

[Share](#)

Identifier: **42451689**

Language: **English (en)**

My Status

Status: **Completed**

Completed: **Feb-28-22 11:06 CET**

Score: **95.74%**

Last Completed Date: **Feb-28-22 11:06 CET**

Last Completed Score: **95.74%**

Date Enrolled: **Feb-28-22**

[Diploma](#)

[Launch](#)
[Unenroll](#)

Reference Materials

[ELAB Enrollment Instructions](#)


[Lab Environment Help Videos](#)

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Homework cont

Take the course, do the lab and pass the test



**Red Hat
Partner Training Portal**

Red Hat Specialist


The Red Hat Partner Training Program offers defining curricula on selling and delivering solutions. The owner of this diploma has demonstrated comprehensive, applied knowledge and a deep understanding of Red Hat products and solutions.

Name Alfred Bach

Activity Red Hat OpenShift 4 Foundations

Date 28th February 2022

*Valid for 2 years from completion date



Download the “Diploma” pdf and store it in the Accenture sharepoint provided by Accenture

Wednesday you have the chance to ask questions

Finish the homework till Friday

