




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 Some Katacoda lessons and courses have been unpublished as a result of this update; others have migrated to Instruqt.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

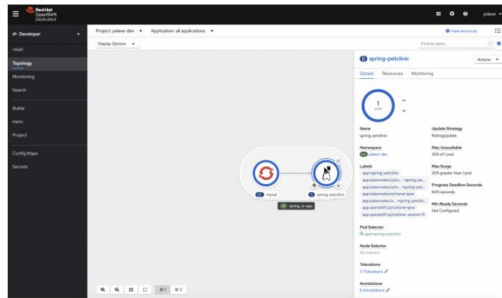
https://developers.redhat.com/developer-sandbox

The screenshot shows the top section of the Red Hat Developer website. At the top is the Red Hat Developer logo. To the right is a navigation bar with links: Build, Tools, Events, Training, Partners, Products, and a search icon. Below this is a secondary navigation bar with links: Istio, Quarkus, Kubernetes, CI/CD, Serverless, Java, Linux, Microservices, DevOps, and All topics. The main content area has a dark background with a red and orange geometric design on the right. It features the heading "Welcome to the Developer Sandbox for Red Hat OpenShift" with a "Beta" badge. Below this is a red button that says "Launch your Developer Sandbox for Red Hat OpenShift". A paragraph of text follows: "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." Below this is a section titled "DevNation Tech Talks: OpenShift Developer Sandbox: Kicking the tires" with a subtext: "Join us on February 18th to go through the process of creating an account, creating/configuring your Developer Sandbox cluster, and deploying a sample application on OpenShift. Learn more." At the bottom of this section are three links: "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 web interfaces. The top interface is the Red Hat Partner Connect homepage, featuring a navigation bar with links for 'Why partner', 'Programs', 'Partner training', and 'Resources & support'. It includes a search bar, 'Log in', and 'All Red Hat' links. The main content area has a large heading 'Open your partners' with a subtext 'Together, we can deliver hybrid cloud solutions, freedom, and support customers need.' and a 'Let's get started' button. Below this is a section titled 'Why you should partner' with a paragraph about building and certifying solutions. The bottom interface is the Red Hat Partner Training Portal, which has a navigation bar with 'Home', 'Catalog', 'My Learning', and 'Reporting'. The main content area features a large 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...'. The user profile 'Alfred Bach Learner' is visible in the top right corner of the training portal, circled in red. A yellow arrow points from the 'Homework' text to the 'Partner training' link in the top navigation bar of the Partner Connect interface.

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

Why you should partner

Whether you want to build and certify solutions, or provide high-quality service technologies, Red Hat's open source approach effectively reach your customers—today.

Explore the programs

Red Hat Partner Training Portal

← Partner Home

Alfred Bach Learner

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



Join an active, growing ecosystem of partners and



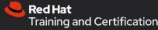
Modernize offerings with cloud-ready technology built



Expand your organization's skills with Red Hat's

Homework cont.

Red Hat Sales Engineer Specialist - Container Platform



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

Delivery Method

- ☐ Accreditation Path (67)
- ☐ Channel (11)
- ☐ Course (239)
- ☐ Elective Path (3)
- ☐ Podcast (8)
- ☐ Video (79)

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)

Red Hat OpenShift 4 Foundations

507 Results for Red Hat OpenShift 4 Foundations

Sort by: **Best Match**

 Course Red Hat OpenShift 4 Foundations - 한국어 12 Hours Enroll	 Course Red Hat OpenShift 4 Foundations - 简体中文 12 Hours Enroll	 Course Red Hat OpenShift 4 Foundations - 日本語 12 Hours Enroll	 Course Red Hat OpenShift 4 Foundations - Español 12 Hours Enroll
 Course Red Hat OpenShift 4 Foundations - Português 12 Hours Enroll	 Course Red Hat OpenShift 4 Foundations 12 Hours Enroll	 Accreditation Path Red Hat Sales Engineer Specialist - Container Platform II Enroll	 Course Red Hat OpenShift Data Foundations 4 Implementation 10 Hours Enroll

HomeWork cont.

Enroll to the training

[Browse Catalog](#)


Red Hat OpenShift 4 Foundations

Enroll

Share

^ 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
3rd of June 2022**

