

Red Hat OpenShift skill paths

Key benefits of Red Hat training¹

- 25% to 50% more efficient in completing day-to-day IT tasks
- 20% reduction in tickets generated, as well as a 32% reduction in time to remediate tickets
- Increased rate of effectiveness for new hires from 50% to 77%

“We have a much tighter structure because we rely on Red Hat-trained staff. Our environment is better planned, implemented, and managed because of the level of expertise that comes from being professionally trained. We are more secure, more predictable, and get more bang for our buck because we invest in training.”

ESG customer quote¹

Validate your Red Hat OpenShift skills

Red Hat® Training and Certification offers training on Red Hat OpenShift® for individuals of all experience levels. These paths cover topics including deploying containers, developing containerized applications, managing container storage, and using automated DevOps pipelines.

Administrator track

Red Hat Certified OpenShift Administrator skills path

- ▶ [Containers, Kubernetes, and Red Hat OpenShift Technical Overview \(DO080\)](#)
- ▶ [Red Hat OpenShift Administration I: Operating a Production Cluster \(DO180\)](#)
- ▶ [Preliminary Exam in Red Hat OpenShift Administration \(PE180\)](#)
- ▶ [Red Hat OpenShift Administration II: Configuring a Production Cluster \(DO280\)](#)
- ▶ **[Red Hat Certified OpenShift Administrator exam \(EX280\)](#)**
- ▶ [Red Hat OpenShift Administration III: Scaling Deployments in the Enterprise \(DO380\)](#) - Recommended after completing EX280
- ▶ [Red Hat Certified Specialist in OpenShift Automation and Integration exam \(EX380\)](#)

Red Hat OpenShift cloud services

While it is not required, we recommend completing the OpenShift Administration DO180, DO280 courses to gain administration skills that apply to the OpenShift self-managed cloud services courses. This path offers the flexibility to select your learning path, as we offer courses for both Red Hat OpenShift on AWS and Microsoft Azure.

- ▶ [Introduction to Red Hat OpenShift Service on AWS \(ROSA\) \(DO120\)](#) - Recommended
- ▶ [Creating and Configuring Production ROSA Clusters \(CS220\)](#)
- ▶ [Integrating ROSA Applications with AWS Services \(CS221\)](#)
- ▶ [Introduction to Microsoft Azure Red Hat OpenShift \(DO121\)](#) - Recommended

¹ Enterprise Strategy Group Economic Validation, “Analyzing the economic impact of Red Hat Training.” TechTarget, January 2024.

Red Hat OpenShift Administrator specializations

Once you have received your Red Hat Certified OpenShift Administrator certification (EX280), we recommend selecting specialized courses and exams from the list below. You have the flexibility to select the most relevant courses and certifications based on your learning journey and are able to complete them in non-sequential order.

- ▶ [Multicluster Management with Red Hat OpenShift Platform Plus \(DO480\)](#)
- ▶ [Red Hat Certified Specialist in MultiCluster Management exam \(EX480\)](#)
- ▶ [Enterprise Kubernetes Storage with Red Hat OpenShift Data Foundation \(DO370\)](#)
- ▶ [Red Hat Certified Specialist in OpenShift Data Foundation exam \(EX370\)](#)
- ▶ [Managing Virtual Machines with Red Hat OpenShift Virtualization \(DO316\)](#)
- ▶ [Red Hat Certified Specialist in OpenShift Virtualization exam \(EX316\)](#)
- ▶ [Red Hat OpenShift Installation Lab \(DO322\)](#)

Developer track

Red Hat Certified OpenShift Application Developer skills path

- ▶ [Red Hat OpenShift Development I: Introduction to Containers with Podman \(DO188\)](#)
- ▶ [Red Hat Certified Specialist in Containers exam \(EX188\)](#)
- ▶ [Red Hat OpenShift Development II: Containerizing applications \(DO288\)](#)
- ▶ **[Red Hat Certified OpenShift Application Developer exam \(EX288\)](#)**

Red Hat OpenShift Artificial Intelligence and Machine Learning (AI/ML) skills path

Experience with Git and Python development is required or the completion of [Python Programming with Red Hat \(AD141\)](#) before moving onto the OpenShift AI Skills path. Completing [Red Hat OpenShift Developer II: Building and Deploying Cloud-native Applications \(DO288\)](#) and basic experience in AI is recommended, but not required. This path focuses on developing and deploying AI/ML applications.

- ▶ [Developing and Deploying AI/ML Applications on Red Hat OpenShift AI \(AI267\)](#)

Get started

Take a [skills assessment](#) to determine the best place for you to begin.

Try Red Hat Learning Subscription for free

Red Hat Learning Subscription is an on-demand prescriptive solution for keeping pace with Red Hat technologies. Take advantage of a complimentary trial to get a preview of the portal, access to a chapter of every course in the catalog, and 1 hour of cloud-based lab time.

Redeem your [14-day free trial](#) today.

Red Hat OpenShift Application Developer Specializations

Once you have received your Red Hat Certified Specialist in OpenShift Application Development (EX288), we recommend selecting specialized courses and exams from the list below. You have the flexibility to select the most relevant courses and certifications to your learning journey and are able to complete them in non-sequential order:

- ▶ [Red Hat Cloud-Native Microservices Development with Quarkus \(DO378\)](#)
- ▶ [Red Hat Certified Cloud-Native Developer exam \(EX378\)](#)
- ▶ [Building Resilient Microservices with Istio and Red Hat OpenShift Service Mesh \(DO328\)](#)
- ▶ [Red Hat Certified Specialist in Building Resilient Microservices exam \(EX328\)](#)
- ▶ [Developing Event-Driven Applications with Apache Kafka and AMQ streams \(AD482\)](#)
- ▶ [Red Hat Certified Specialist in Event-Driven Application Development exam \(EX482\)](#)
- ▶ [Red Hat JBoss Application Administration I \(AD248\)](#)
- ▶ [Red Hat Certified Specialist in Enterprise Application Server Administration exam \(EX248\)](#)
- ▶ [Red Hat's Single Sign-On Administration \(DO313\)](#)
- ▶ [Red Hat DevOps Pipelines and Processes: CI/CD with Jenkins, Git, and Test Driven Development \(DO400\)](#)



About Red Hat

Red Hat helps customers standardize across environments, develop cloud-native applications, and integrate, automate, secure, and manage complex environments with [award-winning](#) support, training, and consulting services.

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