

# Red Hat OpenShift skill paths

## Benefits of training on Red Hat OpenShift<sup>1</sup>

- 365% return on investment (ROI) over 3 years
- With training, staff competencies increased over 10x for Red Hat OpenShift
- Boost team DevOps productivity 44%
- Boost team IT infrastructure productivity 34%

## 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.

## Red Hat Certified OpenShift Administrator skills path

- ▶ [Containers, Kubernetes, and Red Hat OpenShift Technical Overview \(DO080\)](#) - 2 hours - at no cost (recommended, but not required)
- ▶ [Red Hat OpenShift I: Containers & Kubernetes \(DO180\)](#) - 3 days instructor-led training (ILT), 4 days virtual training (VT) - Recommended
- ▶ [Red Hat OpenShift Administration II: Operating a Production Kubernetes Cluster \(DO280\)](#) - 3 days ILT, 4 days VT - Recommended
- ▶ [Red Hat Certified OpenShift Administrator exam \(EX280\)](#) - 3 hours - Required

## Red Hat Managed OpenShift

This path offers the flexibility to select your prerequisites. While it is not required, we recommend completing the OpenShift Administration skills path (previously mentioned). If you already possess foundational knowledge for operating Red Hat OpenShift clusters, proceed with DO120 and DO121.

- ▶ [Introduction to Red Hat OpenShift Service on AWS \(ROSA\) \(DO120\)](#) - 4 hours VT
- ▶ [Introduction to Microsoft Azure Red Hat OpenShift \(ARO\) \(DO121\)](#) - 4 hours VT

## Advanced Red Hat OpenShift Administrator skills path

Once you have received your Red Hat Certified OpenShift Administrator certification (EX280), we recommend these advanced skills:

- ▶ [Red Hat OpenShift Administration III: Scaling Kubernetes Deployments in the Enterprise \(DO380\)](#) - 4 days ILT, 5 days VT
- ▶ [Enterprise Kubernetes Storage with Red Hat OpenShift Data Foundation \(DO370\)](#) - 4 days ILT, 5 days VT
- ▶ [Multicloud Management with Red Hat OpenShift Platform Plus \(DO480\)](#) - 4 days ILT, 5 days VT
- ▶ [Managing Virtual Machines with Red Hat OpenShift Virtualization \(DO316\)](#) - 3 days ILT, 4 days VT
- ▶ [Red Hat OpenShift Installation Lab \(DO322\)](#) - 2 days ILT, 3 days VT

### Get started

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

## Red Hat Certified OpenShift Application Developer skills path

- ▶ [Red Hat OpenShift Development I: Introduction to Containers with Podman \(DO188\)](#) - 3 days ILT, 4 days VT - Required
- ▶ [Red Hat Certified Specialist in Containers exam \(EX188\)](#) - 2.5 hours - Required
- ▶ [Red Hat OpenShift Development II: Containerizing Applications \(DO288\)](#) - 4 days ILT, 5 days VT - Recommended
- ▶ [Red Hat Certified OpenShift Application Developer exam \(EX288\)](#) - 3 hours - Required
- ▶ [Red Hat Cloud-Native Microservices Development with Quarkus \(DO378\)](#) - 4 days ILT, 5 days VT - The above path is recommended, but not required in order to complete the course.
- ▶ [Red Hat Certified Cloud-Native Developer exam \(EX378\)](#) - 3 hours - The above path previously mentioned is recommended, but not required in order to complete the exam.

## Rapid track skills path for cloud-native application development

- ▶ [Introduction to OpenShift Applications \(DO101\)](#) - 1 day

## Advanced Red Hat OpenShift Application Developer skills path

[Red Hat JBoss Application Administration I \(AD248\)](#) is recommended, but not required before taking DO313:

- ▶ [Red Hat Single Sign-On Administration \(DO313\)](#) - 2 days ILT, 3 days VT

Once you have received your Red Hat Certified Specialist in OpenShift Application Development (EX288) or have completed the Introduction to OpenShift Applications (DO101), we recommend these advanced skills:

- ▶ [Red Hat DevOps Pipelines and Processes: CI/CD with Jenkins, Git, and Test Driven Development \(DO400\)](#) - 4 days ILT, 5 days VT
- ▶ [Building Resilient Microservices with Istio and Red Hat OpenShift Service Mesh \(DO328\)](#) - 3 days ILT, 4 days VT
- ▶ [Developing Event-Driven Applications with Apache Kafka and Red Hat AMQ Streams \(AD482\)](#) - 3 days ILT, 4 days VT



### 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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**North America**  
 1888 REDHAT1  
[www.redhat.com](#)

**Europe, Middle East,  
and Africa**  
 00800 7334 2835  
[europe@redhat.com](#)

**Asia Pacific**  
 +65 6490 4200  
[apac@redhat.com](#)

**Latin America**  
 +54 11 4329 7300  
[info-latam@redhat.com](#)