

# Red Hat Certified Technologist in OpenShift Exam

Course code: EX180

The Red Hat Certified Technologist in OpenShift exam (EX180) tests the knowledge, skills, and ability to plan, deploy, and manage applications in a Red Hat OpenShift Container Platform environment. By passing this exam, you become a Red Hat Certified Technologist in OpenShift. This exam is based on Red Hat OpenShift Container Platform 4.18.

## Who is the course for

Platform engineers, system administrators moving into container orchestration, cloud administrators, enterprise architects, Site Reliability Engineers (SREs), DevOps engineers, and anyone tasked with ensuring the availability and health of containerized applications.

## What we teach you

To help you prepare, the exam objectives highlight the task areas you can expect to see covered in the exam. Red Hat reserves the right to add, modify, and remove exam objectives. Such changes will be made public in advance.

Candidates for this exam should be able to perform the following tasks:

### Manage OpenShift Container Platform

- Install the OpenShift CLI tool
- Inspect Kubernetes resources using both the CLI and the Web UI

### Deploy applications on OpenShift

- Create Linux containers and Kubernetes pods
- Find and inspect container images
- Deploy applications from an image and from a template
- Scale and expose applications to external access

### Manage storage for application configuration and data

- Externalize the configuration of applications
- Provision persistent data volumes

### Configure applications for reliability

- Configure application health probes
- Reserve and limit compute capacity for applications
- Configure application autoscaling

## Required skills

- Red Hat System Administration I (RH124)
- and
- Red Hat System Administration II (RH134)
- or equivalent experience recommended.
- Red Hat OpenShift Administration I: Operating a Production Cluster
- or equivalent experience.

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