



Openshift Development II : Containerizing Applications (DO288)

Virtual Instructor-Led Course

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Course Overview

Red Hat OpenShift Development II : Containerizing applications - This is a Virtual Instructor Led online course. In this course, you will learn how to design, build, and deploy containerized software applications on a Red Hat OpenShift cluster. Whether you are migrating existing applications or writing container-native applications, you will learn how to boost developer productivity powered by Red Hat OpenShift Container Platform, a containerized application platform that allows enterprises to manage container deployments and scale their applications using Kubernetes.

This course helps learner's build advanced knowledge and skills in managing containers through hands-on experience with containers, Kubernetes, and the Red Hat OpenShift Container Platform needed for multiple roles, including developers, administrators and site reliability engineers.

Our Red Hat OpenShift Certification Course is specifically designed to help learner's prepare for the certification in **OpenShift Development II Certification (DO288) exam**. The RedHat DO288 course is based on Red Hat Enterprise Linux 8.x and Openshift Container Platform 4.x.

Course Objectives

After attending RedHat DO288 certification course, learner's will be able to demonstrate the following skills:

- Designing cloud native applications for Kubernetes and Red Hat OpenShift.
- Manage and trigger application builds using Source-to-Image (S2I).
- Customize application builds and use Source-to-Image builds.
- Deploy multi-container applications using Helm Charts.
- Create health checks to monitor and improve application reliability.
- Create and deploy cloud-native applications on OpenShift.

Why take up this course?

- As organisations are adopting cloud and building cloud native applications using Microservices and Containers, hence the demand for people who are proficient in Kubernetes administration is at an all-time high.
- More than 80% of all companies are looking for people who are Kubernetes experts.
- The average starting salary of a Kubernetes Administrator is minimum INR 30L per year.
- People who have Kubernetes administration skills will have great demand in the IT industry. Our online instructor led training will help you learn these skills and hence upgrade your career.

Who should attend this course?

- **Administrators** who are new to container technology and container orchestration.
- **Developers** who want to containerize software applications.
- **Architects** who are looking to use container technologies in software architectures.
- **Site Reliability Engineers** who want to support their technology infrastructure using Kubernetes and OpenShift.

What are the Prerequisites for this course?

Following are these prerequisites for this course:

- Complete the [DO180: Red Hat OpenShift I: Containers & Kubernetes](#), or have equivalent knowledge
- Basic knowledge of a Linux terminal session, issuing operating system commands, and familiarity with shell scripting. A Red Hat Certified System Administrator (RHCSA) certification is recommended but not mandatory.

Please note that the sessions will be conducted via google meet and require an Internet Connection and headset with microphone connected to your computer or laptop.

Course Highlights

- Advanced Curriculum - **Designed** by **subject specialists** and reviewed by **industry experts**.
- Interactive Learning - **Engaging content**, **easy to learn** with **no prior experience** required.
- Discussion Forums - **Ask questions and engage** in discussions with instructors and other learners.
- Hands-on Lab Sessions - Practice **Labs** and Exam Preps are **available 24/7** for **hands-on** skill development.
- Real Life Case Studies - Learn about **use cases**, **solutions**, **challenges**, **best practices** and much more.
- Career Mentoring - Get **guidance** on your **professional development** and **career advancement**.
- Job Assistance - through our network of **450+ Hiring Partners** across Pan India.
- Flexible Scheduling - **Flexible batch timings** to suit your availability. Most classes are scheduled either on **weekends** or in the **evening hours**.
- 24/7 Technical Support - Get **24/7 technical support** to resolve all your technical queries even after you have completed the course.
- Lifetime Access - You get lifetime access to **course material** including presentations, videos etc.

Course Features

Virtual Online Instructor Led	40 hours Course Duration	Certificate of Completion
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Course Curriculum

Module 1.0 : Deploy and manage applications on an OpenShift cluster

Module 2.0 : Design containerized applications for OpenShift

Module 3.0 : Publish enterprise container images

Module 4.0 : Manage builds on OpenShift

Module 5.0 : Customize source-to-image builds

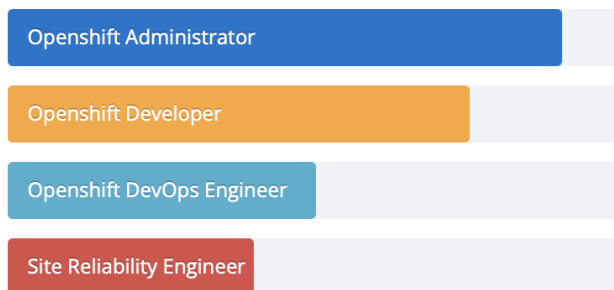
Module 6.0 : Deploy multi-container applications

Module 7.0 : Manage application deployments

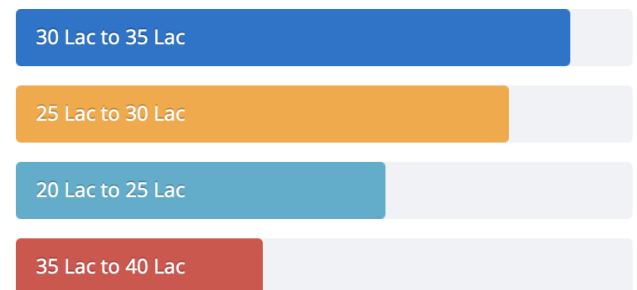
Module 8.0 : Build applications for OpenShift

Average Salary Trends

Post Program Career Options



Average Salary Trends



Hiring Companies

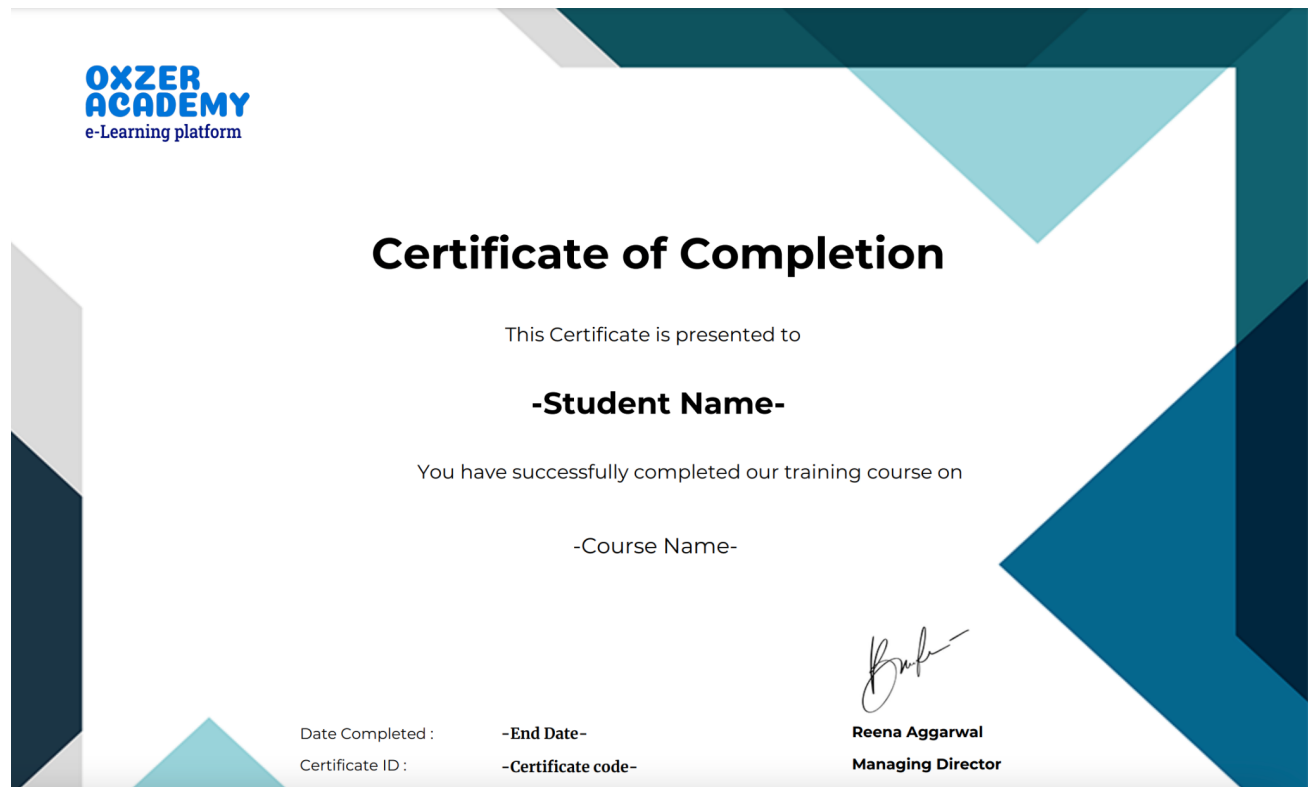


Cognizant



Sample Certificate

After the completion of the course, you will get an industry recognized certificate from Oxzer Academy.



Frequently Asked Questions

What are the advantages of doing a course from Oxzer Academy?

The advantages of doing a course from Oxzer Academy are multifold.

- Our Instructors are professional trainers who have extensive technology and domain experience, including years of experience training & mentoring professionals in the industry.
- You get lifetime access to course material including presentations, videos etc.
- You get the industry recognised certificate from Oxzer Academy on your successful course completion.
- We give you an option to attend a free trial class before enrolling in the course.
- We provide 24 * 7 online support to resolve all your technical queries even after you have completed the course.

- We provide flexible batch timings to suit your availability. Most classes are scheduled either on weekends or in the evening hours, so that the class timings do not overlap with your other work during the day time.
- In case you miss any class, in that case you can go through the recorded videos of that lecture. Also there is an option to attend the lecture in a different batch if there is a seat available.
- Every module in the course will be followed with a quiz to assess your learning.
- We give you extensive time to complete the hands-on labs and assignments.
- We have smaller batches with a limited number of people in a single batch to ensure quality learning.

Is this a Virtual Instructor Led training or Classroom training?

This is a Virtual Instructor Led training (VILT) where an instructor will facilitate a training session for a group of learners over a virtual setting (online mode). Similar to traditional instructor-led classroom training, VILT is synchronous, collaborative, and happens in real-time.

How many learners will be there in a single batch?

This is a virtual online Instructor Led course. There will be a maximum of 20 learners in a single batch.

Does the course include hands-on labs?

Yes, the course curriculum includes both hands-on lab and theory sessions as well. The hands-on labs will be continuously monitored by our instructor and you get sufficient time to complete your labs. It is mandatory for the learners to attend both the labs as well as theory sessions for successful course completion.

Will the lab access available after the course completion?

All our labs are provisioned in the cloud. So you can only access the labs during the duration of the course. Ideally, once you have completed your course, your lab access will be removed as well. But in exceptional cases where you need extension for an additional time, you can drop an email to helpdesk@oxzeracademy.com or open a support ticket with our helpdesk regarding this. Once your request has been considered and approved by management, you will receive an email notification within 48 hours from Oxzer Academy providing you with the status on the lab extension. You can request for extension only once.

How is an online class typically structured?

The online classes will happen on google meet or similar communication platform. You will be notified with the login details before every class.

Is there any trial class provided by the Instructor?

Yes, you are eligible for one free trial class. You can attend your first class as a trial class. Please note that there is only one trial class provided for each course.

How many trial classes are provided under this course?

There is only one trial class provided under this course.

Do learners need to attend the classes at a specific time?

Yes, classes are structured in batches and each batch has a specific time. You can enrol yourself in a batch which suits your availability. If you are not able to attend the lecture due to any specific reason then you can go through the recorded videos of that lecture. Also there is an option to attend the lecture in a different batch if there is a seat available.

Is Certification exam fees included in the course fees?

No, certification exam fee is not included in the course fees. If you wish to appear for the certification exam after course completion, then you need to enrol separately for the certification exam. Please note that any payments which are done on the third party websites, then the terms and condition, refund policy etc of the third party website will be applied.

Will there be any refund if I cancel my enrollment in between the courses?

No, there will be no refund in such cases. Please read the Refund policy carefully before enrolling in the course. <https://www.oxzeracademy.com/refund-policy/>

How do I get in touch with Oxzer Academy customer support?

We have a 24/7 help desk to support our learners, instructors, customers and partners. You can raise a support ticket to our help desk from this page <https://www.oxzeracademy.com/submit-ticket/> Additionally, you can find our contact information on our website <https://www.oxzeracademy.com>

What is Oxzer Academy's response to the posted complaint?

Oxzer Academy will review the complaint within one hour of submission and will also take necessary action within 24 hours on the posted complaint if required.

How do learners and instructors interact in an online class?

There are various channels through which the learners and instructor interact in an online class. Learners can post his question in the google meet or similar communication platform chat and the instructor will respond. Then the learner can raise his hand, unmute himself and can directly ask questions to the Instructor. Also, towards the end of every lecture, there will be a query session for 15 minutes in which the learner can ask any doubt from the Instructor.

Do online classes have in-person components?

No, all our classes will be delivered in an online mode only. In case you require a hard copy of your course completion certificate, it will be courier to your communication address.

What if I have queries after course completion?

We provide 24/7 online support to resolve all your technical queries even after you have completed the course. Your access to our Technical Support is for a lifetime. Our support team will help you in resolving queries, during and after the course. You can raise a support ticket to our technical support from this page <https://www.oxzeracademy.com/submit-ticket/>

Do we get any certificate after completion of the course?

Yes, except for courses listed under academic category, you will get a certificate after you complete the course successfully.

Where can I find the course duration?

You can find the course duration on the course details page.

What are typical assignments in online classes?

Online course assignments depend largely on the course you have enrolled into. But in general, learners should expect assignments similar to those in-person programs. An assignment may require you to work either individually or in groups with other learners on a project. Depending on your course, you may also be required to prepare and give remote presentations.

How do learners take exams in online classes?

Exams will be conducted online after all the modules in the course are completed. It is mandatory to switch on the camera while giving a Test or Exam and will be strictly

monitored by the instructor. You should score at least 60% marks in the qualifying exam to complete the course successfully and receive your course certificate.

What should learners know before enrolling in an online course?

Before enrolling in an online course a learner should go through all the details regarding the course, prerequisite etc. for which they are enrolling and must read all terms and conditions of Oxzer Academy before enrolling in the course.

Do you also provide job placement assistance?

Yes, our placement team will assist you in all possible ways to find a right job if you are in need of the same. The final decision on hiring will always be based on your performance in the interview and the requirements of the recruiter. Moreover, Oxzer Academy courses are well recognized in the industry as it is a testament to the intensive and hands-on learning you have gone through and the real life use cases you have learned during the course.

How soon after signing up would I get access to the Learning Content?

Once you enrol to the course, the LMS access will be instantly provided to you and will be available for lifetime. You will be able to access the complete set of previous class recordings, PPTs, PDFs, assignments etc. Moreover the access to our 24x7 support team will be granted instantly as well.

Is the course material accessible to the learners even after the course training is over?

Yes, the access to the course material will be available for lifetime once you have enrolled into the course.

Where can I read the Terms and Conditions of Oxzer Academy?

You can read the complete set of Terms and Conditions for this program at <https://www.oxzeracademy.com/terms-and-conditions/>

About Oxzer Academy

Oxzer Academy is one of the leading e-learning platforms with more than 1 million learners across 50+ countries. We provide virtual instructor led courses in over 18 categories. Apart from this we also provide corporate training for organisations to transform their workforce by upskilling them.

Our courses are delivered by subject matter experts from top organisations who have more than 15+ years of relevant industry experience training & mentoring professionals in the industry.

Contact Us

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**If you have any further queries or just want to have a conversation with us,
then give a missed call on any of this number.**

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