

Distance Learning Program – cloud-native application development

What is it?

The Distance Learning Program - cloud-native application development is a new cloud-native application development learning experience to our app dev partners.

Cloud-native applications are a collection of small, independent, and loosely coupled services. They are designed to deliver well-recognized business value, like the ability to rapidly incorporate user feedback for continuous improvement. Cloud-native app development is a way to speed up how you build new applications, optimize existing ones, and connect them all together. Its goal is to deliver apps users want at the pace a business needs. During this program, you will learn the full breadth of the Red Hat portfolio that supports this activity from our runtimes support to our container platform.



Red Hat has put together this comprehensive learning program, that participants can engage with at home or the office to learn everything they need to understand the concepts, the architectural principles and component Red Hat products, for successfully discussing, designing and implementing next-generation, containerised solutions at a customer site. The products covered in this training are: Red Hat Application Runtimes and Red Hat OpenShift Container Platform.

This learning path is designed for the EMEA region and audience.

Audience: Sales Engineers & Delivery

[Visit Partner Training Portal](#)

For registration (in Red Hat Partner Training Portal) you need to have an active Red Hat Partner Connect Account.

Prerequisites

- Experience with enterprise integration is beneficial.
- Basic knowledge of Red Hat
- Commitment to completion of the full program
- You need to have an active Red Hat Partner Account to access the Partner Training Portal. If you do have questions in regards to this please [check our "How to Guide"](#) or contact the EMEA Partner Team emea-partner-team@redhat.com

How is the Distance Learning Program - cloud-native application development set up?

This program will run over the course of 4 weeks, starting with a kick-off webinar for all registrants. There is an anticipated 2-20 hours of content per week to be completed.

The core weeks are laid out as follows:

Week 1	Introduction to cloud-native application development	20 hours
Week 2	Quarkus foundation and homework assignment	> 2 hours
Week 3	Quarkus advanced	2 hours
Week 4	Final workshop	2 hours

For any open questions please contact us: cloud-native-dlp@redhat.com.

Detailed Agenda | Distance Learning Program - cloud-native application development

To see your personal progress [please log in here](#).

The different formats:  Live interactive webinar  Course  Video  Homework assignment  Instructor-led training

Week 1		
Course name	Description	Duration
 Introductory Webinar – Cloud Native Application Development	The interactive webinar session will introduce you of the topics covered during this Cloud-Native Application Development Distance Learning Program.	2 hours
 Red Hat Foundations	In this course, you will hear about Red Hat and how Red Hat established a successful business supporting enterprise customers based on open source standards.	2 hours
 Cloud-Native Development Foundations	Cloud-Native Development Foundations teaches students how to build cloud-native applications based on microservices. Students develop cloud-native applications with microservices by leveraging components of Red Hat OpenShift Application Runtimes. Students learn how to develop cloud-native applications with Spring Boot, Thorntail, and Vert.x At the end of this course, students will be able to deploy cloud-native applications to OpenShift using components of Red Hat OpenShift Application Runtimes.	16 hours

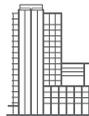
Week 2		
Course name	Description	Duration
 Webinar: Welcome to the Quarkus World	The interactive webinar session will introduce Quarkus and it's benefits from a business and architectural perspective. At the end of the session you will get an introduction to the required homework.	2 hours
 Homework assignment	Homework description to be provided during the webinar "Welcome to the Quarkus World"	TBD

Week 3	Hackathon preparation and homework assignment	2 hours
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Course name	Description	Duration
 Webinar: Quarkus best practices	The interactive webinar session will guide the audience through the recommended practices on Quarkus development and will give an overview of the most commonly used Quarkus modules. Here you will also have the opportunity to raise questions about your homework.	2 hours

Week 4	Final workshop	2 hours
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Course name	Description	Duration
 Final Workshop: Cloud-Native Application Development Distance Learning Program	This interactive webinar session will wrap up the Cloud-Native Application Development Distance Learning Program, recap what attendees have learned over the last weeks, and introduce the next steps.	2 hours



About Red Hat

Red Hat is the world's leading provider of open source solutions, using a community-powered approach to provide reliable and high-performing cloud, virtualization, storage, Linux, and middleware technologies. Red Hat also offers award-winning support, training, and consulting services. Red Hat is an S&P company with more than 80 offices spanning the globe, empowering its customers' businesses.



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