Red Hat
OpenShift 4

Red Hat OpenShift - Developer Experience Workshop

The OpenShift Developer Experience (DevEx) is an interactive, hands-on workshop designed to impart developer-centric information in a practical and easy to consume fashion. The workshop covers both development and essential administration aspects of OpenShift 4 from a pragmatic and software-production perspective.

What is included ?

Each session begins with a presentation introducing the OpenShift concepts in the workshop, with time to answer questions and digress into specific areas of interest for attendees. This is followed by the hands on workshop where users go through a series of activities at their own pace. The content is split into a basic and an advanced workshop to take account of each attendees experience and interest. Each workshop takes around 3 hours to complete and both can be delivered on the same day if required.

Essentials workshop

This workshop covers the introductory concepts of OpenShift 4 aimed at people who are new to Kubernetes or are new to OpenShift specifically.

Topics covered include:

- An introduction to containerised development on OpenShift
- Deployment configuration - config maps & volumes
- Application deployment strategies - Blue / green deployments & A/B deployments
- Software defined networks
- Role-based access control
- Persistent volumes
- Health probes

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Innovation Workshop

This workshop covers the more advanced concepts of OpenShift 4. It is aimed at people who have some experience of creating and delivering applications on OpenShift and want to explore further capabilities.

Topics covered include:

- OpenShift Pipelines - Tekton
- OpenShift DO (odo) - Developer command-line interface
- Red Hat Quay image repository for OpenShift image management across clusters
- Camel K - Lightweight integration platform
- Camel K and OpenShift serverless

Who should attend ?

The workshop is intended for anyone who has an interest in developing containerised cloud-native applications. OpenShift is available on Amazon, Azure, Google Cloud, Red Hat OpenStack, IBM Cloud, on-premise platforms and many more environments. The portability of OpenShift makes it ideal to be the unifying platform for organisations that need a multi-cloud strategy with a consistent experience for developers and administrators.

DevEx is a hands-on workshop, and depending on your level of experience you can choose to do as much or as little of the content as you wish. This ensures that you gather the information needed on how OpenShift can transform your delivery of cloud-native applications.

Where and how is DevEx delivered ?

The DevEx workshop is regularly delivered at the Red Hat offices in central London, or as a virtual experience, and can also be delivered at your premises with ease. All that is required is that each attendee has a laptop with a browser (Chrome or Firefox) and internet access to use the Red Hat supplied OpenShift cluster.

Cost

The DevEx day is free to attend - Red Hat will even buy the pizza for lunch.

To book a DevEx event

Speak to your Red Hat account manager to get further information or contact the DevEx team below.

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