





# Welcome and Introduction

OpenShift Architecture Workshop for IBM Nordics

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## About me ..

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<https://www.menti.com/alecof9v9v5m>

https://bit.ly/OCPArch4IBM



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README.md

# Red Hat OpenShift 4.x Infrastructure Workshop for IBM Nordics

About

OpenShift Architecture Workshop for IBM

Readme

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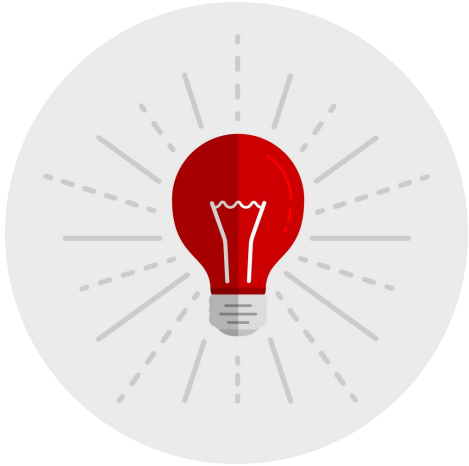
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# Agenda Day 1



|       |                           |
|-------|---------------------------|
| 9:15  | Welcome and Intro         |
| 9:30  | OpenShift Architecture P1 |
| 12:30 | Break                     |
| 13:30 | OpenShift Architecture P2 |
| 14:30 | Workload on OpenShift     |
| 15:00 | Break                     |
| 15:15 | OpenShift Install         |
| 16:16 | Self learning OCP DO280   |
| 17:30 | End of Day one            |

You can find the content here:

[https://github.com/RHEPDS/OCP\\_Infra\\_Architecture](https://github.com/RHEPDS/OCP_Infra_Architecture)

**Link to self learning:**

DO280

<https://training-lms.redhat.com/sso/saml/auth/rhopen?RelayState=deeplinkoffering%3D45314151>

# Introduction into the Learning environment 1/2

Red Hat EMEA Partner Enablement



## Distance Learning

OPENSIFT CONTAINER PLATFORM



Service: Plex Router mylab Kalender Chat Google Meet Salesforce EMEA Partner Enablement Miro | Online Whiteboard ccol stuff Red Hat AWS IBM Rover Apps The OpenShift IT Toolbox IT New Hire Hub

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| docs            | -8-                    | yesterday    |
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| security        | mig                    | 2 months ago |
| .DS_Store       | Update .DS_Store       | yesterday    |
| LICENSE         | Initial commit         | 2 months ago |
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## Red Hat OpenShift

### Red Hat OpenShift 4.x Infrastructure Workshop

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# Introduction into the Learning environment 2/2

## Red Hat OpenShift Administration II: Operating a Production Kubernetes Cluster

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### Introduction

### DO280 Red Hat OpenShift Administration II: Operating a Production Kubernetes Cluster

Red Hat® OpenShift® Container Platform is a containerized application platform that allows enterprises to manage and scale applications. OpenShift provides predefined application environments, based upon Kubernetes, to support DevOps principles such as continuous integration (CI), and continuous delivery (CD).

Red Hat OpenShift Administration II: Operating a Production Kubernetes Cluster (DO280) teaches students how to configure, troubleshoot, and manage a Red Hat® OpenShift® Container Platform. This hands-on, lab-based course shows students how to review the installation of a cluster, configure it, and manage it day-to-day.

|                   |   |
|-------------------|---|
| Course Objectives | Install, configure, manage, and troubleshoot OpenShift clusters. This course, together with Red Hat OpenShift I: Containers & Kubernetes (DO180), prepares the student to take the Red Hat Certified Specialist in OpenShift Administration exam (EX280). |
| Audience          | System and Software Architects, System Administrators, Cluster Operators, and Site Reliability Engineers  |
| Prerequisites     | Either complete the Red Hat OpenShift I: Containers & Kubernetes (DO180) course, or have equivalent knowledge. Either attain the Red Hat Certified System Administrator certification (RHCSA), or have equivalent knowledge.                              |

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### The Classroom Environment

Every student gets a complete remote classroom environment. As part of that environment, every student gets a dedicated OpenShift cluster to perform administration tasks.

The classroom environment runs entirely as virtual machines in a large Red Hat OpenStack Platform cluster that is shared among many students.

Red Hat Training maintains many OpenStack clusters, in different data centers across the globe, to provide lower latency to students in many countries.

## Red Hat OpenShift Administration II: Operating a Production Kubernetes Cluster

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▶ Lab Controls

Click **CREATE** to build all of the virtual machines needed for the classroom lab environment. This may take several minutes to complete. Once the environment can then be stopped and restarted to pause your experience.

If you **DELETE** your lab, you will remove all of the virtual machines in your classroom and lose all of your progress.

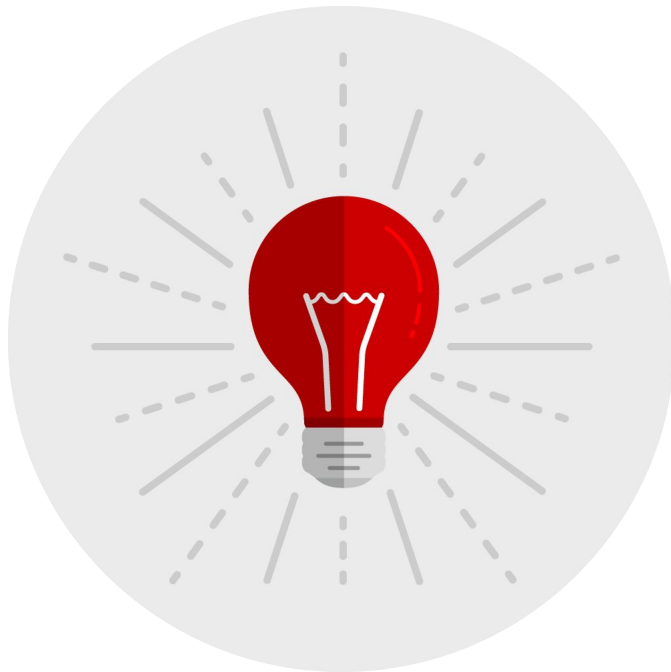
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registry.redhat.io



# Agenda Day 2



- 9:00 Introduction Day 2
- 09:10 Day two Operations / User management, ..
- 10:15 Backup and Disaster Recovery
- 11:00 Break
- 11:15 Applications on OpenShift / Cloud Native
- 11:35 OpenShift Security
- 12:30 Lunch Break
- 13:30 OpenShift Virtualisation
- 14:00 Operator Framework & CloudPak(s)
- 15:00 Break
- 15:15 OpenShift Security
- 16:15 Cont Self Learning and Assessment
- 17:30 End of Day Two

# Thank you

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