



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

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# IBM WebSphere MQ V7 Implementation for Experienced MQ Personnel

CODE:	LENGTH:	PRICE:
WM601	16 Hours (2 days)	£1,300.00

## Description

This course provides technical professionals with the needed skills to do the IBM Cloud Pak for Integration administration and troubleshooting tasks.

The course begins with an introduction to IBM Cloud Pak for Integration. You explore the Red Hat OpenShift Container Platform environment. You manage dashboard security for Cloud Pak Integration. You configure an external LDAP server (OpenLDAP) and add LDAP users to the Cloud Pak environment. You explore the Red Hat OpenShift Container Platform (RHOC) web console for container management such as Roles, Topology, Cluster Inventory, Alerts, Events, CPU, and Memory. You perform basic administration tasks in the RHOC web console. You examine the available open-source monitoring options such as Metrics, Alerts, and Dashboards. You also scale the application deployment by using OpenLDAP as an example.

You examine the logs for pods by running commands and in the RHOC console. To troubleshoot common Cloud Pak cluster problems, you get information and logs for nodes, cluster, and pods. You learn how to troubleshoot the Container Engine and the pods that fail to start. You set different log levels for Red Hat OpenShift, check the routes, and understand troubleshooting for installation. You learn how to collect MustGather files for submitting it to IBM Support team for troubleshooting.

You upgrade the Integration capabilities and runtimes and Platform Navigator. You also learn also how to remove the Integration capabilities and runtimes.

## Objectives

- Understand the business value and architecture of IBM Cloud Paks
- Describe the products in the Cloud Pak for Integration
- Explain Kubernetes and Red Hat OpenShift
- Explore the Red Hat OpenShift environment
- Perform basic administration tasks in the Red Hat OpenShift Container Platform web console and in the Cloud Pak web client
- Scale the application deployment
- Manage dashboard security for Cloud Pak Integration
- Change the default password for the Platform Navigator UI
- Configure an external LDAP provider (OpenLDAP)
- Troubleshoot common Cloud Pak cluster problems
- Monitoring your IBM Cloud Pak for Integration system
- Examine the logs for pods by running a command and in the Cloud Pak environment
- Troubleshoot Container Engine and the pods that fail to start
- Collect MustGather files and examine logs
- Upgrade the version for Platform Navigator and the Integration capabilities and runtimes
- Safely remove the Integration capabilities and runtimes

## Exercises

- Exercise 1. Administering IBM Cloud Pak for Integration
- Exercise 2. Troubleshooting and monitoring the IBM Cloud Pak for Integration system
- Exercise 3. Upgrading Platform Navigator, capabilities, and runtimes
- Exercise 4. Removing Integration capabilities and runtimes

## Audience

This course is intended for administrators of IBM Cloud Pak for Integration.

## Prerequisites

- Familiarity with the IBM Cloud Pak for Integration concepts
- Basic knowledge of Linux operating system
- Understanding of Containers and Kubernetes
- Recommended course: IBM Cloud Pak for Integration Installation (Course code: WM600 / ZM600)

## Programme

- Introduction to IBM Cloud Pak for Integration
- IBM Cloud Pak key infrastructure terminologies
- Administering IBM Cloud Pak for Integration
- Exercise 1. Administering IBM Cloud Pak for Integration
- Troubleshooting and monitoring the IBM Cloud Pak for Integration system
- Exercise 2. Troubleshooting and monitoring the IBM Cloud Pak for Integration system
- Upgrading Platform Navigator, Integration Capabilities, and Runtimes
- Exercise 3. Upgrading Platform Navigator, capabilities, and runtimes
- Removing Integration capabilities and Runtimes
- Exercise 4. Removing Integration capabilities and runtimes

## Session Dates

On request. Please [Contact Us](#)

## Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)