

IBM Cloud Pak for Integration Administration

Duration: 2 Days Course Code: WM601G Delivery Method: Virtual Classroom

Overview:

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 (RHOCP) web console for container management such as Roles, Topology, Cluster Inventory, Alerts, Events, CPU, and Memory.

You perform basic administration tasks in the RHOCP 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 RHOCP 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.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

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

Objectives:

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

Prerequisites:

Testing and Certification

- Familiarity with the IBM Cloud Pak for Integration concepts
- Basic knowledge of Linux operating system
- Understanding of Containers and Kubernetes

None

Follow-on-Courses:

None

Content:

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

Additional Information:

Official course book provided to participants.

Further Information:

For More information, or to book your course, please call us on 00 966 92000 9278

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