Cloud Pak for Integration Installation

Duration: 1 Day

Prerequisites:

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

Course Description:

Cloud Pak for Integration consists of several different parts, including the Cloud Pak for Integration operator and the Platform UI instance, which acts as the integration console for the integration capabilities. Each integration capability consists of an operator and one or more integration instances.

The course begins with an introduction to IBM Cloud Paks, Cloud Pak for Integration, its architecture, Docker, containers, Kubernetes, and Red Hat OpenShift console. You explore the Red Hat OpenShift Container Platform environment. You learn how to install the IBM Cloud Pak for Integration operator and a Platform UI instance. You access the Platform UI dashboard and examine some features. You install other integration capability operators and deploy capabilities as operator instances. For each of the integration capabilities, you verify the associated pods, storage, and some of their features.

Target Audience:

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

Course Outlines:

- ➢ Describe the business value and the architecture of IBM Cloud Paks
- ➢ Describe the products included with IBM Cloud Pak for Integration
- ➢ Explain Kubernetes and Red Hat OpenShift
- ➢ Outline and review the prerequisites for IBM Cloud Pak for Integration installation
- ➢ Explain the business value of the air-gap installation technique for IBM Cloud Pak for Integration
- ➢ Install the Red Hat cert-manager operator
- ➢ Install the IBM Cloud Pak foundational services operator
- ➢ Install the IBM Cloud Pak for Integration operator, a Platform UI instance, and demonstrate some of the features
- ➢ Install the IBM API Connect (ibm-apiconnect) operator and operand and verify the successful installation using the Platform UI
- ➢ Install the IBM App Connect (ibm-appconnect) operator and operand and verify the successful installation using the Platform UI
- ➢ Install IBM Automation foundation assets (ibm-integration-asset-repository) operator and operand and verify the successful installation
- ➢ Install IBM MQ messaging (ibm-mq) operator and operand and verify the successful installation
- ➢ Install IBM Event Streams (ibm-eventstreams) operator and operand and verify the successful installation
- ➢ Install IBM DataPower Gateway (ibm-datapower-operator) operator and operand and verify the successful installation
- ➢ Install IBM Aspera HSTS (ibm-aspera-hsts-operator) operator and operand and verify the successful installation
- ➢ Install IBM Event Endpoint Management operator and operand.

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