IBM Cloud Pak for Data 4.8: Installation

Course Number: 6XS938G-SPVC

Duration: 0.75 days

Course Description

This IBM Self-Paced Virtual Class (SPVC) includes:
- PDF course guide available to attendee during and after course
- Lab environment where students can work through demonstrations and exercises at their own pace

Installing IBM Cloud Pak for Data on-premises for the first time can be a daunting task. This course aims to demystify and streamline that process for learners new to the Cloud Pak for Data ecosystem.

This course follows Emily, a Cloud Pak for Data administrator. Emily is assigned to install the Cloud Pak for Data platform on a Red Hat OpenShift Container Platform cluster that has been provisioned to her by the Red Hat OpenShift administrator. Emily is new in the world of Cloud Pak for Data and has never done this before.

Throughout this course, Emily plans out the installation of IBM Cloud Pak for Data and additional services, prepares the cluster, and installs the IBM Cloud Pak for Data platform. Later, Emily also upgrades IBM Cloud Pak for Data 4.8.x to a newer version.

Together with Emily, you learn step-by-step how to perform each task in this course. Ultimately, you also verify your newly acquired knowledge in a series of hands-on exercises performed in a custom-made course lab environment as well as in a final assessment.

Skills Gained

After completing this course, you should be able to:

- Plan the installation
- Collect all required information for the installation
- Set up environment variables
- Prepare the cluster for IBM Cloud Pak for Data on-premises installation
- Install the shared cluster components for all IBM Cloud Pak for Data instances
- Install the IBM Cloud Pak for Data platform and services on top of it
- Upgrade IBM Cloud Pak for Data V4.8.3 to V4.8.4

Who Can Benefit

Professional administrators of Cloud Pak for Data

Prerequisites

The prerequisite skills and knowledge include:

- Basic knowledge of Red Hat OpenShift Container Platform
- Basic knowledge of the architecture of Cloud Pak for Data
- Prior experience in the installation, administration, and troubleshooting of Cloud Pak for Data (preferably from previous courses in the specialization)

Note: This course is on a professional level, and it is strongly recommended to complete the associate level on the path for administrators of Cloud Pak for Data before attending it. To be successful in this course, you must understand the basics of Red Hat OpenShift administration and know the basic bash syntax.

Course Details

Outline

- Introduction
- Plan the installation
- Set up the client workstation
- Collect required information
- Set up environment variables
- Prepare the cluster
- Install the IBM Cloud Pak for Data platform and services

- Upgrade IBM Cloud Pak for Data
- Review and Evaluation