



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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IBM Cloud Pak for Data: Administration

CODE: **DURÉE:** **PRIX H.T.:**

6XA100G 6 Hours €229.00

Description

The course takes the learner through the journey of learning about Kubernetes and OpenShift as the platform for Cloud Pak for Data. The course focuses on the Day 2 Operations of managing the Cloud Pak for Data platform once it has been installed. The course goes through the administration of the OpenShift web console, the Cloud Pak for Data web client and the cluster, including scaling services, backup and restore, and disaster recovery. Additional Day 2 Operations include troubleshooting the components of the cluster, monitoring, and metering. The scope of this course is the administrative capabilities of Cloud Pak for Data and the related OpenShift capabilities required to perform those functions. For deeper learning on OpenShift administration, refer to the Red Hat OpenShift Administration course.

NOTE: This offering is part of the Digital Learning Subscription and provides the learner with the course content as soon as they are developed. The course is divided into units, which are released as soon as they are ready allowing for immediate learning. The learner can subscribe to the course forum to be notified when a new unit is released.

Objectifs

Introduction to Kubernetes and Red Hat OpenShift
Perform administration tasks in the Cloud Pak for Data web client
Perform basic administration tasks in the Red Hat OpenShift web console
Perform administration tasks on the Cloud Pak for Data Cluster
Troubleshoot Cloud Pak for Data cluster problems
Perform monitoring and metering operations on the Cloud Pak for Data cluster

Audience

Cloud Pak for Data Administrators

Prérequis

Foundational knowledge of IBM Cloud Pak for Data or you have taken the IBM Cloud Pak for Data: Foundations course.

Programme

Introduction to Kubernetes and Red Hat OpenShift
Describe the basic concepts of Kubernetes and OpenShift
Explain the overall OpenShift architecture
Describe the components of the architecture
Describe the difference between resource quotas, limits and requests
Identify the Day 2 Operations
Perform administration tasks in the Cloud Pak for Data web client
Manage users, roles and permissions
Manage and monitor resource deployments on the cluster
Manage pods
Gather diagnostic information for troubleshooting and support
Manage Watson Studio environments and notebooks
Perform basic administration tasks in the Red Hat OpenShift web console
Overview of the web console
Access the web console and view cluster information
Manage Pods
Manage Routes
Manage Nodes
Perform administration tasks on the Cloud Pak for Data Cluster
Scale services on the cluster
Backup, restore, and disaster recovery operations
Add nodes to a cluster (OpenShift)
Migrate Cloud Pak for Data metadata and clusters
Troubleshoot Cloud Pak for Data cluster problems
Verify nodes' health
Troubleshoot pods and image registry
Inspect Portworx volumes
Obtain utilization metrics
Troubleshoot cluster operators
Restart OpenShift clusters
Perform monitoring and metering operations on the Cloud Pak for Data cluster
Perform monitoring and metering operations on the OpenShift Console
Configure OpenShift Monitoring
Enable email alerts
Describe the Container Licencing and Licence Service
Audit Cloud Pak for Data

Dates de session

Sur demande. [Merci de nous contacter](#)

Informations Complémentaires

Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.