Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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IBM Cloud Pak for Data: Administration

CODE:	LENGTH:	PRICE:
6XA100G	6 Hours	£190.00

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.

Objectives

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

Prerequisites

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 OperationsPerform 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 notebooksPerform 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 NodesPerform 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 clustersTroubleshoot Cloud Pak for Data cluster problems Verify nodes' health Troubleshoot pods and image registry Inspect Portworx volumes Obtain utlilization metrics Troubleshoot cluster operators Restart OpenShift clustersPerform 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

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
29 Mar 2024			English	Web based Training		£190.00

Additional Information

This training is also available as onsite training. Please contact us to find out more.