

# Red Hat Certified Specialist in OpenShift Data Foundation



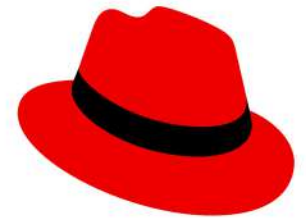
# Online Course



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## Course Modules



### 1. Manage OpenShift Container Platform

- o Use the command line interface
- o Web console to config an OpenShift Container Pform cluster
- o Create and delete projects
- o Create, edit, and delete ConfigMaps and secrets
- o Import, export, and configure Kubernetes resources
- o Examine resources and cluster status
- o View logs
- o Monitor cluster events and alerts
- o Troubleshoot common cluster events and alerts
- o Use product documentation

### 2. Deploy OpenShift Data Foundation using internal mode

- o Deploy OpenShift Data Foundation from the web console
- o Deploy OpenShift Data Foundation from the command line

### 3. Configure OpenShift cluster services

- o Configure the internal image registry
- o Configure monitoring to use Red Hat OpenShift Data Foundation

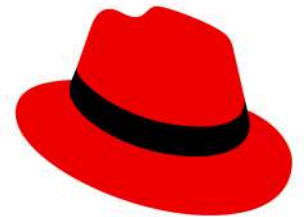




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## 4. Deploy and manage applications and images

- o Deploy applications to Red Hat OpenShift Container Platform
- o Deploy applications to Red Hat OpenShift Container Platform
- o Configure applications to use ConfigMaps and secrets
- o Understand and use image tags
- o Create and edit external routes



## 5. Troubleshoot applications in OpenShift

- o Understand the description of application resources.
- o View and use application logs
- o Inspect running applications
- o Connect to containers running in a pod
- o Copy resources to and from containers running in a pod

## 6. Configure Application workloads to use Red Hat OpenShift

- o Ceph components needed for a Red Hat OpenShift Data Foundation
- o Configure applications to use Red Hat OpenShift DFFS
- o App to use Red Hat OpenShift Data Foundation block storage
- o Configure custom storage classes

## 7. Red Hat OpenShift Data Foundation block & file storage capacity

- o Monitor Red Hat OpenShift Data Foundation cluster health
- o Configure storage quotas and permissions
- o Extend app storage for Red Hat OpenShift Data Foundation
- o Add disks to a Red Hat OpenShift Data Foundation Cluster





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in terms of time management,  
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