

## **DO480 Multicluster Management with Red Hat OpenShift Platform Plus**

### **Course outline**

#### **Manage a Multicluster Kubernetes Architecture**

- Describe multicluster architectures and use Red Hat OpenShift Platform Plus to solve their challenges.

#### **Inspect Resources from Multiple Clusters Using the RHACM Web Console**

- Describe and navigate the Red Hat Advanced Cluster Management for Kubernetes (RHACM) web console. Configure role-based access control (RBAC) and search for resources across multiple clusters by using the RHACM search engine.

#### **Deploy and Manage Policies for Multiple Clusters with RHACM**

- Deploy and manage policies in a multicluster environment by using Red Hat Advanced Cluster Management for Kubernetes (RHACM) governance.

#### **Install and Customize the RHACM Observability Stack**

- Gain insight into the fleet of managed clusters by using Red Hat Advanced Cluster Management for Kubernetes (RHACM) observability components.

#### **Deploy Applications Across Multiple Clusters with RHACM**

- Deploy and manage applications in a multicluster environment with Red Hat Advanced Cluster Management for Kubernetes GitOps.

#### **Install and Configure Red Hat Quay**

- Install and configure Red Hat Quay on Red Hat OpenShift Container Platform (RHOCP).

## **Integrate Red Hat Quay with Red Hat OpenShift and RHACM**

- Describe Red Hat Quay use cases in a multicluster environment, and use Red Hat Advanced Cluster Management for Kubernetes (RHACM) to deploy applications and control the image sources allowed in the cluster fleet.

## **Install and Configure RHACS**

- Install and configure Red Hat Advanced Cluster Security for Kubernetes (RHACS) and learn how it can help organizations with security in multicluster environments.

## **Multicluster Operational Security Using RHACS**

- Manage the operational security of a Kubernetes cluster fleet using Red Hat Advanced Cluster Security for Kubernetes (RHACS), and integrate RHACS with external services.