RED HAT ADVANCED CLUSTER MANAGEMENT FOR KUBERNETES (DO432)

Course Code: 832023

DO432 - Address challenges with management, compliance, and productivity of a multicluster Kubernetes environment and its applications by using the capabilities of Red Hat Advanced Cluster Management for Kubernetes.

Multicluster Management with Red Hat Advanced Cluster Management for Kubernetes (RHACM) teaches the required skills to manage a fleet of containerized applications and Kubernetes clusters, by automating compliance with security, governance, and other organization policies, and by implementing GitOps practices.

Following course completion, you will receive a 45-day extended access to hands-on labs for any course that includes a virtual environment.

Note: This course is offered as a 3-day in-person class, a 4-day virtual class, or is self-paced.

Red Hat Learning Subscription COURSE – Included with Your Purchase

Starting January 1, 2026, Red Hat introduces RHLS-Course —a flexible subscription model now included with this catalog offering. This replaces the previous direct virtual class enrollment from Global Knowledge.

When you purchase this item, you'll receive an RHLS subscription at the course level, giving you the freedom to choose the schedule that works best and self-enroll in your selected class.

Your RHLS subscription includes:
  • One live, instructor-led virtual session
  • 12 months of self-paced learning access
  • One certification exam with a free retake

Onsite Classroom-based sessions and closed course options remain unchanged.

What You'll Learn

After completing this course, learners should be able to:
  • Describe and implement the RHACM architecture and its components, and follow recommended practices for its installation.

- Import and manage a cluster by using the RHACM web console, configure user access to clusters, and troubleshoot common import issues.
- Deploy and manage policies in a multicluster environment by using RHACM governance.
- Monitor a fleet of managed clusters and troubleshoot performance and availability issues by using RHACM observability components.
- Deploy and manage applications in a multicluster environment by using RHACM and GitOps.
- Deploy and manage virtual machines in a multicluster environment by using RHACM and GitOps.

Who Needs to Attend

- IT Operations personnel who are responsible for managing the lifecycle and monitoring the usage of multiple clusters.
- DevOps and Site Reliability Engineers who are responsible for monitoring the health of clusters and Kubernetes deployments and for maximizing their uptime. These individuals also automate the provisioning or deprovisioning of clusters and the workload placement based on capacity and policy.
- Security Operations personnel who are responsible for ensuring that Kubernetes deployments comply with regulatory and organizational standards. These individuals create security policies across diverse environments and ensure enforcement.

Prerequisites

Completing Red Hat OpenShift Administration II: Configuring a Production Kubernetes Cluster (DO280) and Red Hat Certified OpenShift Administrator exam (EX280) are strongly encouraged, or possessing equivalent Kubernetes and OpenShift administration skills.

The following optional courses are recommended:

- Red Hat OpenShift Administration III: Scaling Deployments in the Enterprise (DO380) is a course on how to configure and manage OpenShift clusters at scale to address increasing and complex demands from applications and to ensure reliability, performance, and availability.
- Managing Virtual Machines with Red Hat OpenShift Virtualization (DO316) covers the essential skills to create and manage virtual machines on OpenShift by using the Red Hat OpenShift Virtualization operator.

Confirmation of the correct skill set knowledge can be obtained by passing the online skills assessment at Red Hat Skills Assessment

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Course Code: 832023

VIRTUAL CLASSROOM LIVE	$3,525 USD	1 Session

Virtual Classroom Live Outline

1. **Installing Red Hat Advanced Cluster Management for Kubernetes**
   Describe and implement the RHACM architecture and its components, and follow recommended practices for its installation.
2. **Managing Clusters by Using Red Hat Advanced Cluster Management for Kubernetes**
   Import and manage a cluster by using the RHACM web console, configure user access to clusters, and troubleshoot common import issues.
3. **Deploying and Managing Policies for Multiple Clusters with Red Hat Advanced Cluster Management for Kubernetes**
   Deploy and manage policies in a multicluster environment by using RHACM governance.
4. **Enabling and Customizing the Red Hat Advanced Cluster Management for Kubernetes Observability Stack**
   Monitor a fleet of managed clusters and troubleshoot performance and availability issues by using RHACM observability components.
5. **Managing the Multicluster Application Lifecycle by Using GitOps Practices and Red Hat Advanced Cluster Management for Kubernetes**
   Deploy and manage applications in a multicluster environment by using RHACM and GitOps.
6. **Managing Virtual Machines for Multiple Clusters with Red Hat Advanced Cluster Management for Kubernetes**
   Deploy and manage virtual machines in a multicluster environment by using RHACM and GitOps.

Virtual Classroom Live Labs

- Labs are provided by RedHat for this course

Mar 2 - 4, 2026 | 10:30 AM - 6:30 PM EST

Jun 8 - 10, 2026 | 10:30 AM - 6:30 PM EDT

RED HAT ADVANCED CLUSTER MANAGEMENT FOR KUBERNETES (DO432)

Course Code: 832023

ON-DEMAND	$3,525 USD

On-Demand Outline

1. **Installing Red Hat Advanced Cluster Management for Kubernetes**
   Describe and implement the RHACM architecture and its components, and follow recommended practices for its installation.
2. **Managing Clusters by Using Red Hat Advanced Cluster Management for Kubernetes**
   Import and manage a cluster by using the RHACM web console, configure user access to clusters, and troubleshoot common import issues.
3. **Deploying and Managing Policies for Multiple Clusters with Red Hat Advanced Cluster Management for Kubernetes**
   Deploy and manage policies in a multicluster environment by using RHACM governance.
4. **Enabling and Customizing the Red Hat Advanced Cluster Management for Kubernetes Observability Stack**
   Monitor a fleet of managed clusters and troubleshoot performance and availability issues by using RHACM observability components.
5. **Managing the Multicluster Application Lifecycle by Using GitOps Practices and Red Hat Advanced Cluster Management for Kubernetes**
   Deploy and manage applications in a multicluster environment by using RHACM and GitOps.
6. **Managing Virtual Machines for Multiple Clusters with Red Hat Advanced Cluster Management for Kubernetes**
   Deploy and manage virtual machines in a multicluster environment by using RHACM and GitOps.

On-Demand Labs

- Labs are provided by RedHat for this course

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