



Multicluster Management with Red Hat OpenShift Platform Plus

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**WE
ARE
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**Nivel**

Intermedio

**Duración**

35 horas

**Modalidad**

Aula Virtual

**Learning**

by doing

**Curso**

Oficial

Multicluster Management with Red Hat OpenShift Platform Plus

Objetivos:

- Deploy Red Hat Advanced Cluster Management for Kubernetes (RHACM) in a hub cluster.
- Add a managed cluster to RHACM (configure a cluster to be managed by RHACM).
- Define and apply cluster configuration policies.
- Detect and correct non-conformance to cluster configuration policies.
- Visualize and compare cluster settings between different clusters.
- Define and apply application placement policies.
- Identify and compare application resources from multiple clusters.
- Deploy Red Hat Quay in the hub cluster.
- Deploy Red Hat Advanced Cluster Security for Kubernetes (RHACS) in the hub cluster.
- Integrate Red Hat Quay and RHACS with RHACM.

Requisitos:

- BYOD and Internet access is required.
- Completing Red Hat OpenShift Administration II: Operating a Production Kubernetes Cluster (DO280) and Red Hat Certified Specialist in OpenShift Administration exam (EX280) are strongly encouraged, or possessing equivalent basic Kubernetes and OpenShift administration skills.
- Recommended: Red Hat OpenShift Administration III: Scaling Kubernetes Deployments in the Enterprise (DO380) is a course teaching cluster-wide configuration, logging, and monitoring, Ansible automation with OpenShift.
- Recommended: Red Hat OpenShift Installation Lab (DO322) teaches you how to install OpenShift using IPI and UPI.
- Recommended: Understand Ansible basics, including, writing and running simple playbooks or equivalent experience.

Perfil del docente:

- Formador Certificado por Red Hat
- Más de 5 años de experiencia profesional
- Más de 4 años de experiencia docente
- Profesional activo en empresas del sector IT

Metodología:

- “Learning by doing” se centra en un contexto real y concreto, buscando un aprendizaje en equipo para la resolución de problemas en el sector empresarial.
- Aulas con grupos reducidos para que el profesional adquiera la mejor atención por parte de nuestros instructores profesionales.
- El programa de estudios como partners oficiales es confeccionado por nuestro equipo de formación y revisado por las marcas de referencia en el sector.
- La impartición de las clases podrá ser realizada tanto en modalidad Presencial como Virtual.



Contenidos:

Manage a Multicloud Kubernetes Architecture

Describe multicloud 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 multicloud 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 multicloud 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 multicloud 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 multicloud environments.

Multicloud 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.



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