



コースコード : RH-DO380

税抜価格 : 220,000円

日数 : 4日間

前提条件

Complete Red Hat OpenShift Administration (DO280) and become a Red Hat Certified Specialist in OpenShift Administration. Complete Red Hat System Administration II (RH134) and become a Red Hat Certified System Administrator. Recommended, but not required: become a Red Hat Certified Systems Engineer or a Red Hat Certified Specialist in Ansible Automation. Basic knowledge about writing and running Ansible playbooks is required.

受講対象者

Cluster engineers (systems administrators, cloud administrators, or cloud engineers) focused on planning, designing, and implementing production-grade OpenShift clusters. Cluster engineers require automation skills to scale their manpower to provision and manage an increasing population of clusters, applications, and users, at the same time ensuring these clusters remain in compliance with corporate standards.

Site reliability engineers (SREs) focused on keeping OpenShift clusters and applications running

コース概要

Plan, implement, and manage OpenShift clusters at scale

Red Hat OpenShift Administration (DO380) expands upon the skills required to plan, implement, and manage OpenShift® clusters in the enterprise. You will learn how to support a growing number of stakeholders, applications, and users to achieve large-scale deployments.

This course is based on Red Hat® OpenShift Container Platform 4.5.



目的

Manage OpenShift cluster operators and add operators.
Automate OpenShift management tasks using Ansible® playbooks.
Create and schedule cluster administration jobs.
Implement GitOps workflows using Jenkins.
Integrate OpenShift with enterprise authentication.
Query and visualize cluster-wide logs, metrics, and alerts.
Manage both shared, file-based storage and non-shared, block-based storage.
Manage machine sets and machine configurations.

アウトライン

Move from Kubernetes to OpenShift
Introduce automation on OpenShift
Manage operators with OpenShift
Implement GitOps with Jenkins
Configure enterprise authentication
Configure trusted TLS certificates
Configure dedicated node pools
Configure persistent storage
Manage cluster monitoring and metrics
Provision and inspect cluster logging
Recover failed worker nodes