



Advanced Cluster Management

An experience report and demo

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acend
experience knowledge





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Rhaetian Railway

OpenShift 3 to 4 migration project | Multi-cloud strategy



Manage Kubernetes clusters

Run your operations from anywhere that Red Hat OpenShift runs, and manage any Kubernetes cluster in your fleet.



Accelerate development to production

Speed up application development pipelines with self-service provisioning.



Central management automatically

Free up IT departments with self-service cluster deployment that automatically delivers applications.



Ease compliance

Streamline security compliance with centralized policy enforcement across clusters.

Platform	Supported for hub	Supported for management
Red Hat OpenShift Container Platform 3.11.200, and later	No	Yes
Red Hat OpenShift Container Platform 4.3.18, and later	Yes	Yes
Red Hat OpenShift Container Platform 4.4.3, and later	Yes	Yes
Red Hat OpenShift Container Platform 4.5.2, and later	Yes	Yes
Red Hat OpenShift Container Platform 4.6.1, and later on the latest Red Hat Advanced Cluster Management 2.0 Errata release	Yes	Yes
Red Hat OpenShift Kubernetes Engine	No	Yes
IBM Red Hat OpenShift Kubernetes Services 4.3.x (ROKS)	No	Yes
Amazon Elastic Kubernetes Service (Amazon EKS) (Kubernetes 1.14.9, and later)	No	Yes
Google Kubernetes Engine (Google GKE) (Kubernetes 1.15, and later)	No	Yes
IBM Cloud Kubernetes Service (Kubernetes 1.16, and later)	No	Yes
Microsoft Azure Kubernetes Service (Microsoft AKS) (Kubernetes 1.17, and later)	No	Yes



Demo

Application deployment | Policies enforcement

References

Examples used during this presentation

<https://github.com/appuio/acm-example>

ACM blog posts

<https://www.openshift.com/blog/tag/red-hat-advanced-cluster-management>