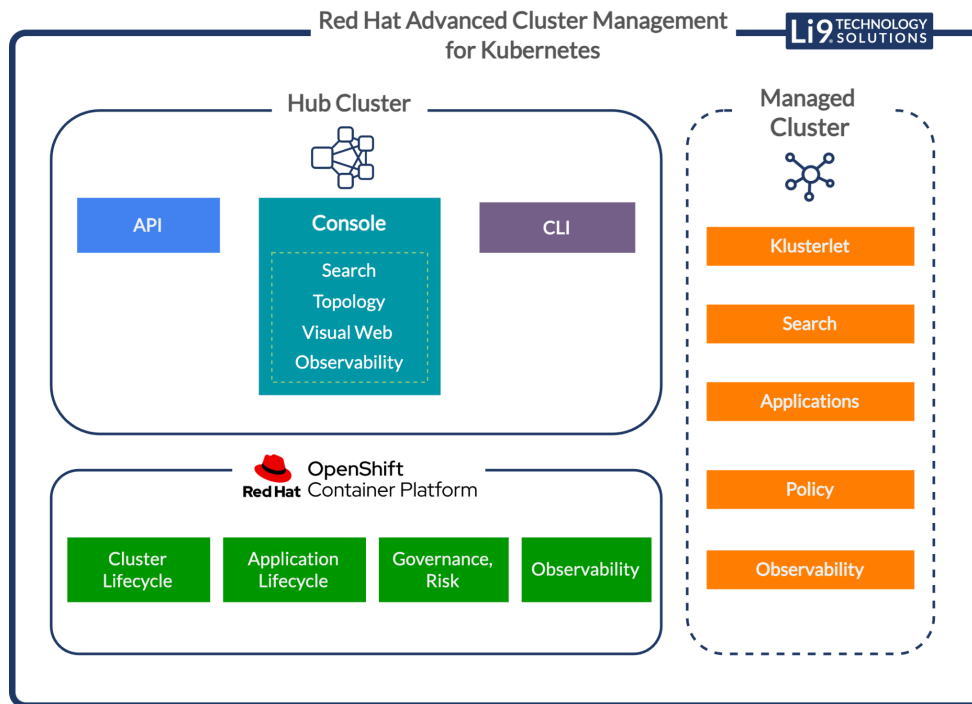


Introduction

Li9 Technology Solutions, a trusted Red Hat partner, delivers a Quick Start service to establish a robust OpenShift/Kubernetes **Advanced Cluster Management (ACM)** foundation within your IT environment. This service accelerates the adoption of ACM, paving the way for streamlined cluster and application management across your entire Kubernetes landscape.

Customers can benefit from Red Hat ACM quickly by leveraging Red Hat and Li9's best practices, along with Li9's expertise and experience with ACM with customers of all sizes.

Timeline: 2 weeks



Red Hat Advanced Cluster Management for Kubernetes empowers your teams to innovate with unprecedented speed. Streamline application development with intuitive self-service provisioning, **freeing up IT resources** to focus on value-driven tasks.

Minimize downtime and bolster application availability by seamlessly deploying both legacy and cloud-native applications across your entire distributed cluster environment. Advanced Cluster Management for Kubernetes empowers you to **deliver services reliably and at scale**.

Following the initial discovery workshop, a comprehensive SOW will be developed collaboratively with the customer. This SOW will detail the specific deliverables for this Solution Brief.

Objectives

- Establish a central ACM hub to govern your OpenShift/Kubernetes clusters from a single point.
- Integrate ACM with your identity provider (IdP) for simplified access and user management.
- Implement ACM's observability capabilities to gain insights into cluster health and performance.
- Showcase ACM's potential with a pilot deployment of containerized applications.
- Provide documentation to ensure understanding and future expansion.

Scope

- **Pilot Environment:** Deployment of a Red Hat ACM hub within your existing OpenShift infrastructure.
- **Identity Integration:** Connection of ACM to your IAM system for streamlined user and group management.
- **Observability Setup:** Configuration of ACM's observability tools to enable proactive monitoring.
- **Demonstration:** Showcase the value of ACM's capabilities.

Deliverables

- A fully functional ACM hub deployed on your OpenShift infrastructure.
- ACM connected to your existing IdP, enabling Single Sign-On (SSO).
- Configured ACM observability tools to monitor managed clusters.
- Two containerized applications deployed, demonstrating the value of ACM.
- Overview of the architecture, implementation steps, components, and processes.

Project Phases

- **Assessment:** Initial review of your infrastructure and requirements.
- **Design:** Development of a tailored ACM architecture aligned with your environment.
- **Deployment:** Installation and configuration of the ACM hub.
- **Integration:** Connection of ACM with your IdP and observability setup.
- **Demonstration:** Deployment of sample applications and showcasing ACM's

capabilities.

- **Documentation:** Creation of clear documentation for ongoing management.

Platform and Subscription Pricing:

Li9 can work closely with customers to make platform recommendations based on the solution requirements and can provide any necessary Red Hat Software through traditional subscriptions or through Private Offers on AWS, Azure, or GCP.

Next Steps

Contact Li9 Technology Solutions today! We invite you to schedule a consultation with Li9 to discuss your goals and explore how Advanced Cluster Management can transform your IT operations.



email info@Li9.com - call or text 855.832.4764

About Li9

Li9 are experts in automation and application modernization and have proven their ability to leverage best practices combined with customer requirements to allow customers to achieve business and technology goals.

Red Hat has designated Li9 as a Red Hat Partner who is an industry expert in digital transformation. Li9 has demonstrated their ability to help envision, shape, and execute digital transformation roadmaps for customers of all sizes and complexities.

Additional Services

To achieve a full production-ready ACM solution, consider the following additional services:

1. **Cluster Lifecycle Management:** Automate cluster creation, updates, and deletion.

2. **Governance and Policy Engine:** Establish guardrails and enforce compliance across clusters.
3. **Application Deployment and Management:** Deploy and scale applications consistently.
4. **GitOps Integration:** Streamline CI/CD pipelines and infrastructure as code.
5. **Multi-Cluster Security:** Implement centralized security policies and monitoring.
6. **Disaster Recovery:** Design and implement DR strategies for clusters and applications.
7. **Backup and Recovery:** Define backup schedules and recovery processes.
8. **Cost Optimization:** Analyze resource usage and identify cost-saving opportunities.
9. **Managed Services:** Ongoing support and maintenance for your ACM environment.
10. **Training and Enablement:** Empower your team with ACM skills and best practices.