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 and industry expert in digital transformation. Li9 has demonstrated its ability to help envision, shape, and execute digital transformation roadmaps for customers of all sizes and complexity.

Statement of Work

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.

Introduction

This service is designed to accelerate OpenShift Virtualization adoption for organizations seeking to implement their virtualization infrastructure.

This engagement by a Li9 OpenShift Red Hat Certified Architect (RHCA) with expertise and experience establishes a production-ready, best-practices Red Hat OpenShift Virtualization environment designed for deployment on bare metal.

Timeline: 2-4 Weeks
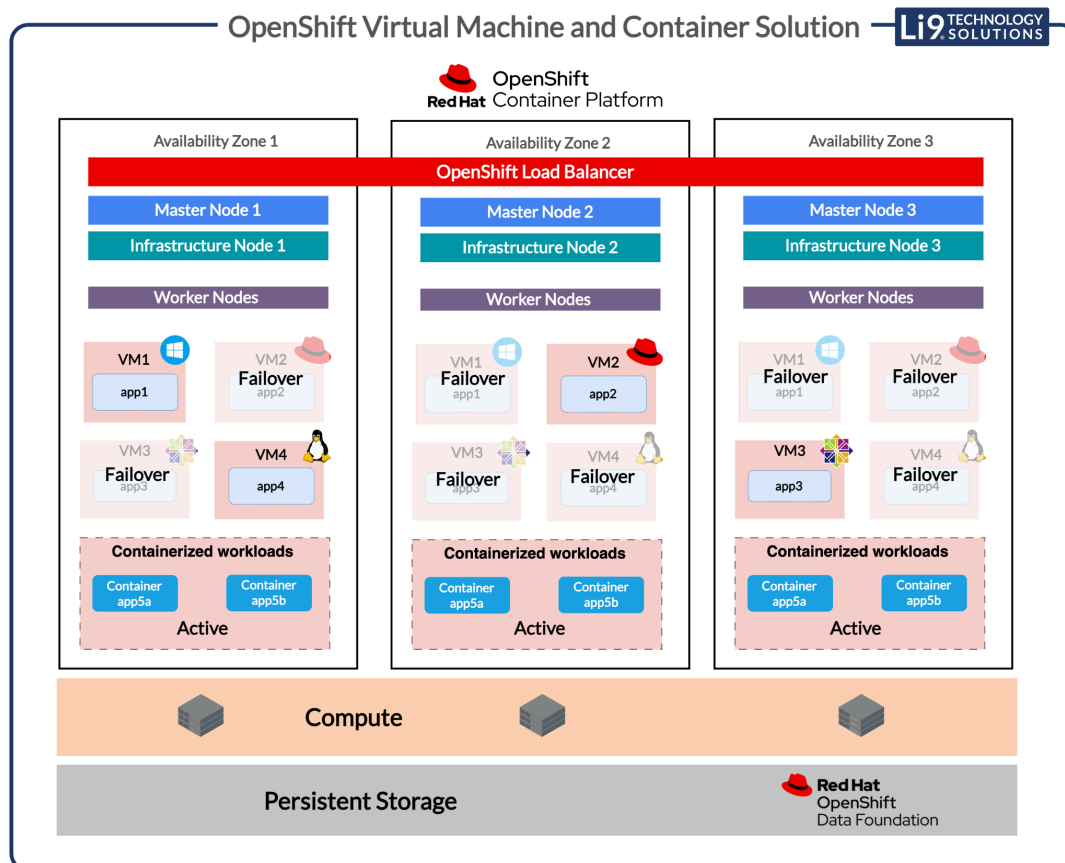
Objectives

- Rapidly deploy a baseline Red Hat OpenShift environment following industry best practices.

- Enable the OpenShift Virtualization feature.

- Provide a customizable foundation upon which to build a full-scale production deployment.

- Facilitate knowledge transfer, empowering customer teams to manage and extend their OpenShift environment effectively.

Scope

- **Infrastructure:** Deployment of OpenShift cluster.
- **Architecture:** Design of an OpenShift cluster to host virtualization workloads via OpenShift Virtualization.
- **Storage:** Integration of persistent storage solutions to safeguard containerized application data.
- **Security:** Implementation of essential OpenShift security features to protect the platform and workloads.
- **Identity Management:** Basic integration with the customer's existing user group system(s).
- **Virtualization Demo:** Deployment of a sample Virtual Machine to showcase OpenShift Virtualization functionality.

Deliverables

- A functional Red Hat OpenShift Virtualization environment tailored to customer specifications.

- Documentation detailing the environment's architecture, configuration, and security settings.

- Knowledge transfer sessions to empower customer teams and ensure effective OpenShift Virtualization management post-engagement.

Project Phases

1. **Discovery:** Collaborative workshop with customer stakeholders to gather requirements, assess existing infrastructure, and define the deployment scope.

2. **Design:** Development of a detailed OpenShift architecture plan, including network topology, security considerations, and storage solutions.

3. **Deployment:** Installation and configuration of the OpenShift cluster and OpenShift Virtualization, adhering to best practices and customer-specific requirements.

4. **Integration:** Configure basic user group integration, and establish necessary security measures.

5. **Demo and Knowledge Transfer:** Deploy a Virtual Machine, and provide hands-on training, and thorough documentation to enable customer proficiency.

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 OpenShift can transform your IT operations.

OpenShift
Red Hat Container Platform

Contact Li9 to schedule a consultation, demonstration or workshop. Let's get your OpenShift journey started !

Click Here

email info@Li9.com - call or text 855.832.4764

Additional Services for a Full Production Enterprise Solution

Li9 can provide additional services to expand this solution into a full production OpenShift environment, including:

1. **VMware to OpenShift migration:** Assistance with the migration of existing VMware-hosted Virtual Machines to the OpenShift platform.

Migration Phase 1
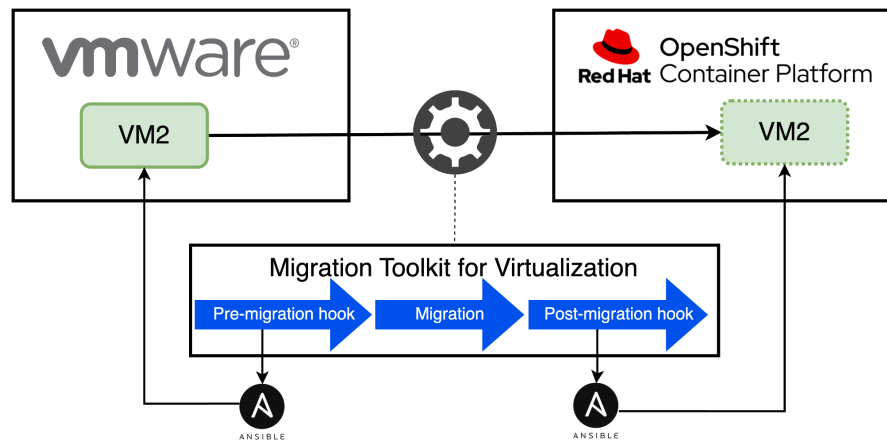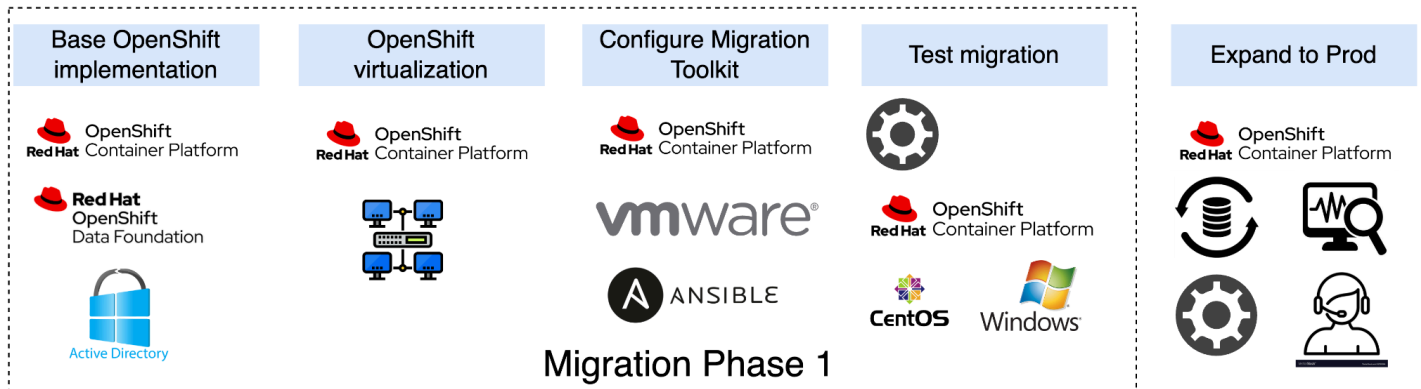
2. **Advanced Security:** Hardening of the OpenShift environment with role-based access control (RBAC), network policies, and integration with security information and event management (SIEM) solutions.

3. **Monitoring and Logging:** Implementation of centralized monitoring and logging solutions for OpenShift and containerized applications.

4. **Disaster Recovery:** Development of disaster recovery strategies and procedures to ensure business continuity.

5. **Performance Tuning:** Optimization of OpenShift and virtualization workloads for resource efficiency and scalability.

6. **Managed Services:** Ongoing support and management of the OpenShift environment.