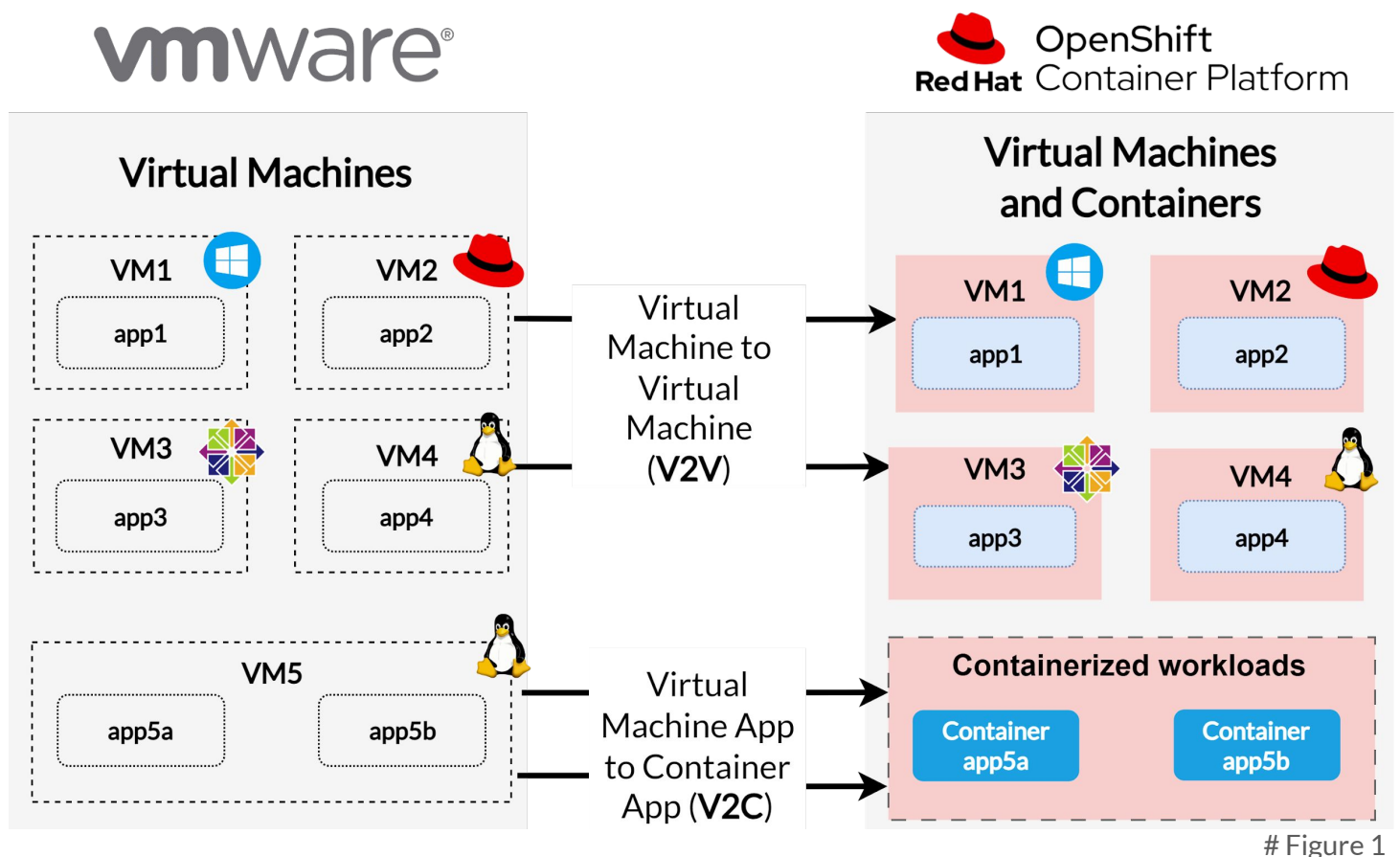# VMWare to OpenShift Migration (VTOM)

For many years, VMware has been a trusted solution for organizations seeking to optimize resource utilization and streamline operational processes. However, the recent price increases implemented in 2024 have introduced an unexpected financial burden, with some VMware users seeing their costs multiply several times over.

The combination of escalating costs and the limitations of legacy systems has created a crisis of confidence in VMware for many organizations. They seek a trustworthy platform that can address their current challenges and future-proof their infrastructure. Yet, the complexities of migration, the need for minimal downtime, and the importance of ensuring team proficiency present a significant challenge.

Figure 1

Your Pathway to Agile, Cost-Effective Virtualization

Li9's VMware to OpenShift Virtualization solution offers a clear, compelling path forward. By seamlessly integrating the flexibility of containers with the familiarity of virtual machines within a unified, Kubernetes-based environment, OpenShift revolutionizes how enterprises manage their IT infrastructure.

But it's more than just a migration. Li9's expert team becomes a true partner, guiding organizations through every step of the journey—from initial assessment to post-implementation support. Li9 empowers teams with the knowledge and tools needed to confidently manage their new OpenShift environment, ensuring long-term success.

Unleashing the Power of Modern IT Infrastructure

OpenShift delivers a comprehensive set of benefits that make IT infrastructure more effective and efficient. These benefits include:

1. **Slash Costs, Boost Profits:** OpenShift optimizes resource usage, saving money on hardware and energy. Free up budget for innovation.
2. **Unleash Agility:** Rapid application deployment and scaling fuels faster time-to-market.
3. **Simplify IT:** Unified platform reduces complexity and frees up IT staff for more strategic work.
4. **Fuel Innovation:** Cloud-native foundation fosters experimentation and cutting-edge solutions.
5. **Scale with Ease:** Effortless adaptation to fluctuating workloads ensures cost-effectiveness.
6. **Unify Your Environment:** Manage VMs and containers in a single platform.

Li9 Implements Faster and Better, in as little as 2 weeks!

Li9's meticulous implementation approach ensures minimal disruption and maximum results, often achievable in as little as two weeks. Recognizing that each organization has unique requirements, Li9 tailors its timeline to the specific environment and needs of each client.

Phase 1
Discovery Session
Assess your existing infrastructure, and define the migration scope.

Phase 2
Planning
Development of a detailed migration plan tailored to your specific needs

Phase 3
OpenShift Deployment
Installation and configuration of the OpenShift cluster and OpenShift Virtualization

Phase 4
Automation
Development of automation workflows

Phase 5
Workload Migration
Execution of the migration plan (V2C, V2V)

Phase 6
Demo & Knowledge Transfer
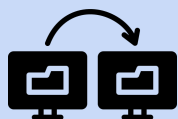Hands-on training and thorough documentation

Additional services, such as ongoing performance optimization and training sessions, can also be requested and provided to ensure the continued success of your OpenShift environment.

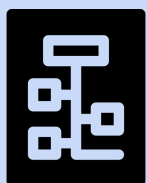# Your OpenShift Virtualization Advantage: Tangible Outcomes

Li9's OpenShift Virtualization engagement culminates in a comprehensive set of deliverables designed to empower organizations for success:

Tailored OpenShift Environment: A fully functional Red Hat OpenShift Virtualization environment, meticulously configured to align with your specific requirements and business goals.

Seamless Workload Migration: Expertly orchestrated migration of your existing VMware workloads to OpenShift, ensuring minimal disruption and maximum uptime.
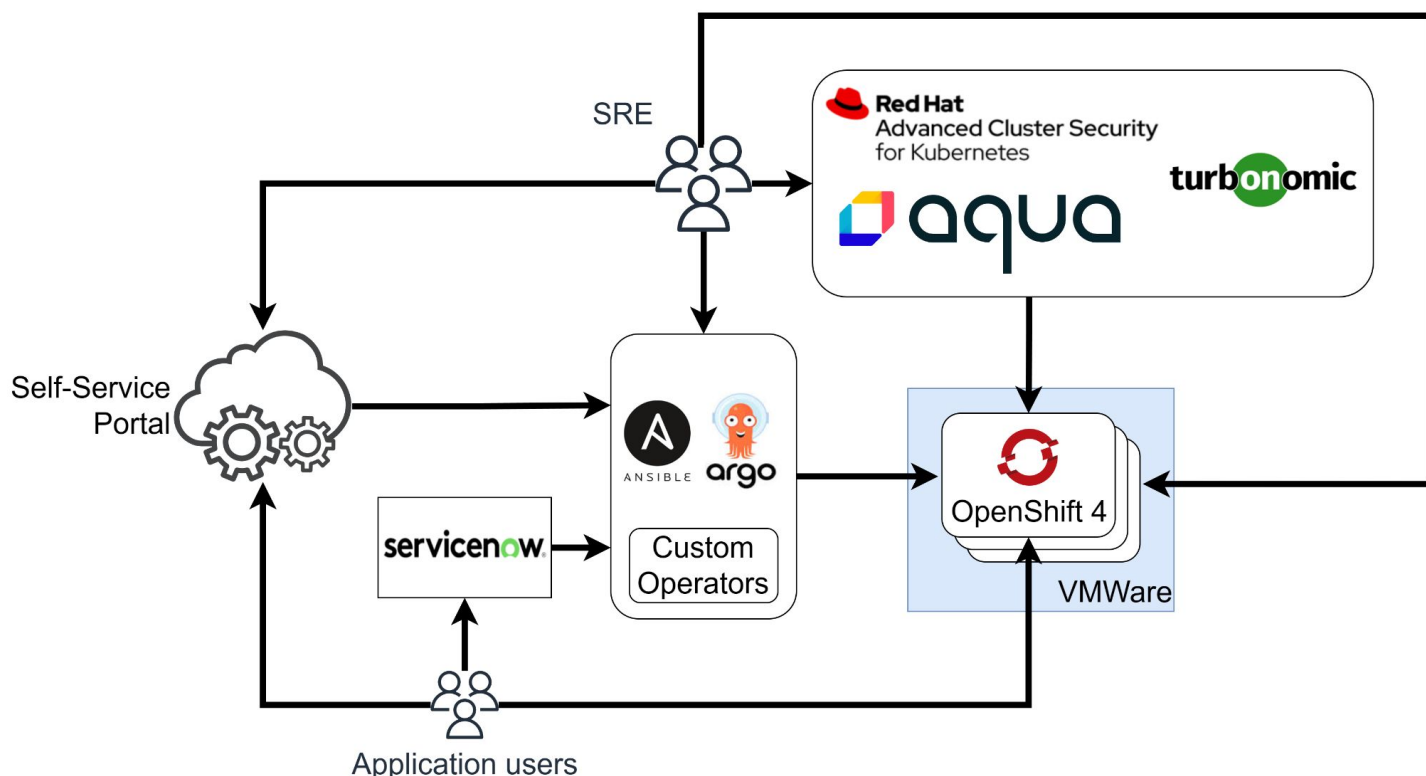
Blueprint for Success: Thorough documentation detailing the architecture, configuration, and security settings of your OpenShift environment, providing a clear roadmap for future enhancements and optimizations.

Knowledge as Power: In-depth knowledge transfer sessions and comprehensive documentation, equipping your teams with the expertise needed to confidently manage and maintain your OpenShift environment long after our engagement concludes.

Financial Institution - OpenShift at Scale

A major financial institution sought to revolutionize their IT infrastructure by deploying OpenShift at a massive scale, spanning hundreds of clusters.

Li9's expertise enabled them to streamline OpenShift cluster delivery, seamlessly manage the vast environment, and effortlessly integrate clusters within their existing ecosystem. By embracing an "Everything-as-Code" philosophy and developing custom operators, Li9 empowered the bank to simplify application onboarding while maintaining stringent security standards.

The result? A highly efficient, agile, and secure OpenShift infrastructure capable of delivering multiple changes per day, ultimately transforming the bank's technological capabilities and driving significant business value.

About Red Hat

Red Hat is the world's leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies.

Red Hat helps customers integrate new and existing IT applications, develop cloud-native applications, standardize on our industry-leading operating system, and automate, secure, and manage complex environments.

Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500. As a strategic partner to cloud providers, system integrators, application vendors, customers, and open source communities, Red Hat can help organizations prepare for the digital future.

About Li9

Li9 is a Red Hat Premier Partner, recognized for its expertise in automation and application modernization. Li9 bridges the gap between business goals and technical solutions, crafting customized digital transformation roadmaps that optimize application performance and efficiency.

Li9's team includes the top four Red Hat Certified Architects in the world, granting unparalleled access to Red Hat's leading technical resources, ensuring efficient proposal development and efficient implementation. Leverage our proven methodologies and partnerships with leading open-source source solutions to unlock your full potential.

Next Steps

Contact Li9 Technology Solutions today! We invite you to schedule a consultation, demonstration or workshop with Li9 to discuss your goals and explore how we can migrate your VMware workloads to Red Hat OpenShift.

Click Here to schedule a Consultation, Demonstration, or WorkShop