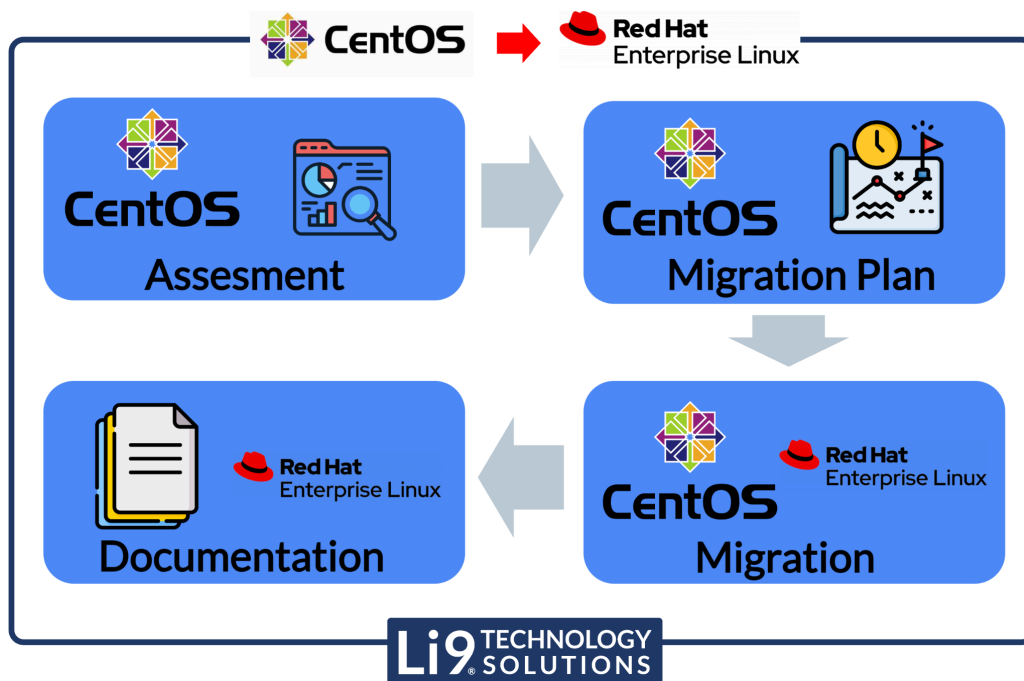## Introduction

Li9 streamlines the transition from CentOS to Red Hat Enterprise Linux (RHEL), ensuring a smooth and secure migration for your critical infrastructure. This Quick Start Service is designed to build a foundation for your complete CentOS to RHEL migration, providing a customized roadmap and pilot execution.

Our CentOS to RHEL Migration Service is designed to facilitate the 1st step in a secure and expedited transition to completing a full migration before CentOS becomes End-of-Life on June 30, 2024.

Timeline: 1 Week

Transitioning to Red Hat Enterprise Linux (RHEL) delivers tangible benefits for your organization. RHEL's new version has **more efficient processing**, allowing a **reduction in unplanned downtime**.

RHEL's enterprise-grade support and reliability mean **faster security responses**, with **updates delivered more quickly** than before. Streamline operations and improve team performance with the power of RHEL, leading to a remarkable i**ncrease in IT infrastructure efficiency.**

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

- Analysis of your existing CentOS environment to identify dependencies, complexities, and potential migration challenges.
- Development of a detailed migration strategy aligned with your unique business requirements and risk tolerance.
- Execution of a controlled pilot migration to validate the plan, refine processes, and mitigate risks.
- Empower your IT team with essential documentation and training to seamlessly manage future migrations.

Scope

- **Assessment:** Evaluation of CentOS servers, applications, configurations, network dependencies, and performance metrics.
- **Planning:** Creation of a migration plan outlining target RHEL versions, migration methods (in-place vs. rebuild), scheduling, and potential downtime.
- **Pilot:** Migration of a representative subset of your CentOS environment to RHEL.
- **Documentation:** Detailed reports on assessment findings, migration plan, pilot results, and recommendations for large-scale migration.

Deliverables

- CentOS Environment Assessment Report.
- RHEL Migration Plan.
- Pilot Migration Results and Validation Report.
- Knowledge Transfer Documentation and Training Session.

Project Phases

1. **Discovery:** Initial consultation to understand your environment, business goals, and constraints.
2. **Assessment:** Comprehensive analysis of your CentOS systems.
3. **Planning:** Development of the RHEL migration plan and pilot strategy.
4. **Pilot Execution:** Controlled migration of selected systems.
5. **Review and Refinement:** Evaluation of pilot results and adjustment of the migration plan.

6. **Knowledge Transfer:** Documentation and training for your IT team.

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 RHEL can transform your IT operations.

Contact Li9 to schedule a consultation, demonstration or workshop. Let's find a cost effective way to safely and securely move you off of CentOS!

Click Here

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 for Complete Migration to RHEL from CentOS

1. **Automation Development:** Create scripts and tools to streamline and accelerate migration.
2. **Application Compatibility Testing:** Assess application portability and identify any necessary modifications.

3. **Performance Optimization:** Fine-tune RHEL configurations for optimal performance and resource utilization.

4. **Change Management and Rollback Planning:** Develop strategies to address potential issues and ensure a smooth transition.

5. **Monitoring and Support:** Provide ongoing monitoring and troubleshooting during the migration process.

6. **Large-Scale Migration Execution:** Full-scale migration of your remaining CentOS systems.

7. **Dependency Mapping:** Identify complex interdependencies between applications and systems.

8. **Security Hardening:** Implement RHEL-specific security best practices to enhance your security posture.

9. **Containerization Consulting:** Explore containerization strategies for RHEL deployments.

10. **Red Hat Subscription Management:** Guidance on selecting and managing Red Hat subscriptions.

Source 1: Red Hat. (2024, May 3). Reduce IT complexity [White paper].