Benchmark Red Hat tidal migrations

RHEL 5/6 MIGRATION FROM A WORKABLE APPROACH

Application Centric Approach

Leveraging Automation

Traditionally, RHEL migrations were approached from the perspective of the OS layer. The goal was to move from an older/unsupported version onto a current/supported RHEL version. Applications were assessed and reviewed, but these efforts were manual and expensive, typically lasting 6 - 12 months, or longer. Following this legacy approach left little time for planning and even less for execution, leading to rushed application migrations.

Business Case

Traditional

- $6,000+ per app
- 6-12+ months
- Minimal Savings that can be demonstrations

Application Centric

- $2,500 + per app
- 3 weeks
- 90%+ Opex Savings




An application-centric approach changes the migration perspective. The efforts still achieve the goal of getting the application onto a newer, supported RHEL platform, but focuses on ensuring the application takes the best path to its new destination. Leveraging a repeatable automation approach from an application perspective allows for an acceleration of the assessment and code review phases, often in as little as 3 weeks. Other byproducts from an automated approach include decreased opex, a more detailed, thorough planning phase and leaving adequate time to build automation into the execution phase.

Discover - Automation

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Source Code Analysis

DNS Discovery and URL Analysis

Database Analysis

Interview Application Owners

Application Inventory Imports

Application Centre

Database Server Imports

Hypervisor Cluster Imports

Server Inventory Imports and Integrations

Infrastructure

Execute - Automation

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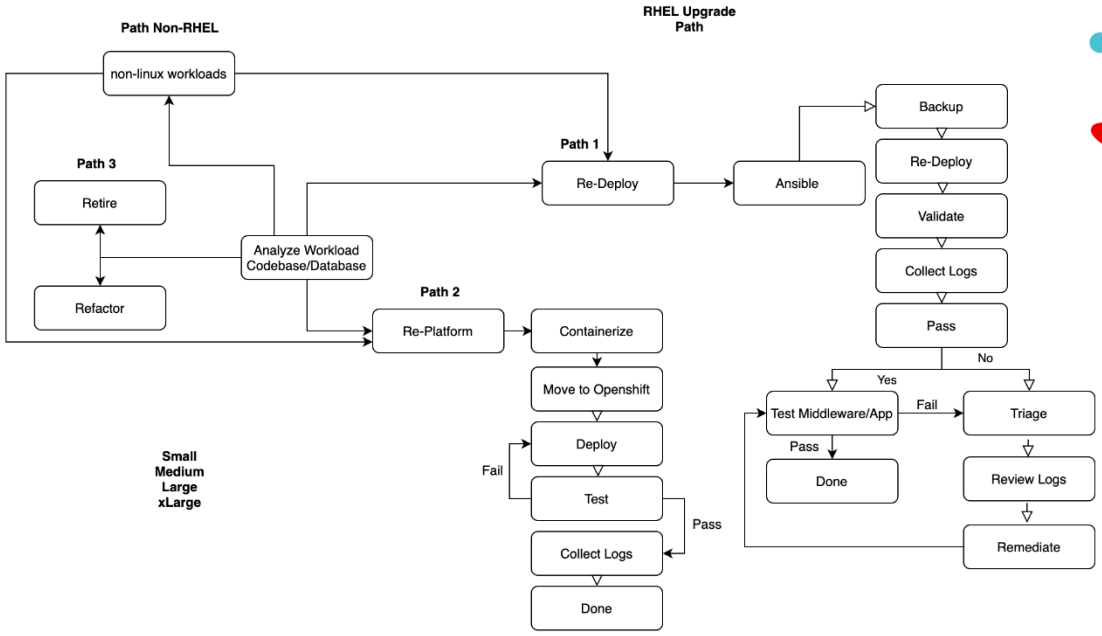

- Analyze workload
- Image creation
- Image Configuration

- Increased Security
- Artifact deployment
- Environment Management

- VM Reduction
- Cost Reduction
- DB Freedom