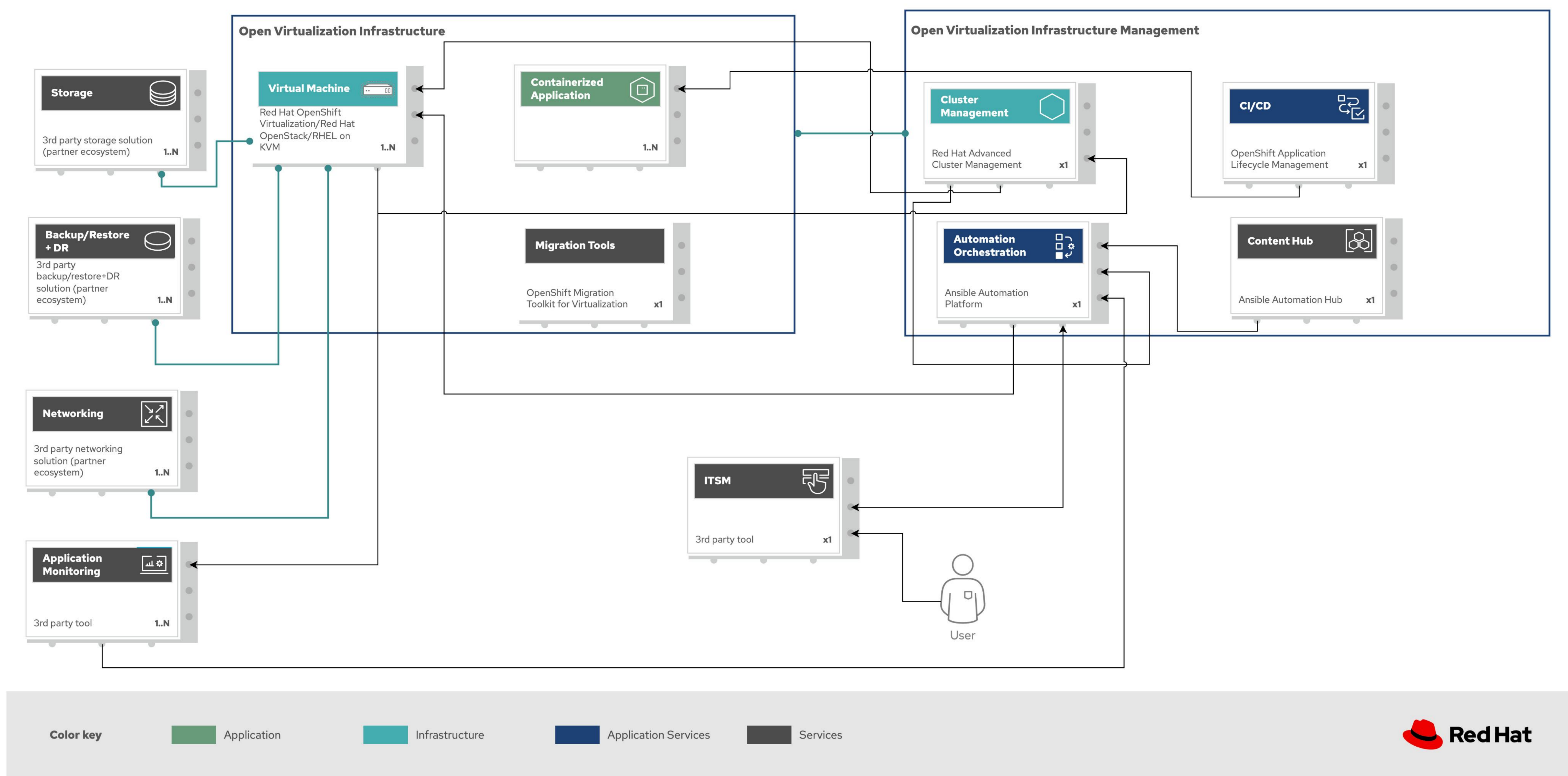


Schematic - Virtualization Migration Solution (Steady State)



SOLUTION PATTERN

Virtualization migration solution (steady state)

Isolate early for migration risks

It's important to understand your virtual estate prior to migration. Before you begin, assess your VM instances to reduce legacy dependencies and hidden costs. From a single management console, plan and define migration timelines to move workloads programmatically. Apply customizable templates to existing workflows for a simplified migration experience, and maintain high availability from centralized, custom dashboards that efficiently manage VM metrics and data flows.

Automate migration at scale

Standardize VM lifecycle management to improve your migration's efficiency. Orchestrate live migrations in batches for faster time to value, and implement pre- and post-flight guardrails to migrate at scale. Capture VM snapshots and backups to automatically rollback failed migrations to a safe state and reduce unplanned downtimes.

Safeguard business continuity

Continuously monitor the health and performance of your VMs. Combine event-driven automation with observability and IT service management (ITSM) tools to proactively find and fix issues. Auto-generate, manage and enforce prebuilt policy sets as-code for tighter CI/CD alignment, using automation playbooks for policy-driven governance, risk management, and compliance.

Set a path to modernize

Modernize at your own pace with Red Hat OpenShift® as the comprehensive foundation. Reduce complexity with OpenShift Virtualization, a self-managed operator that lets you run traditional VMs alongside containers. From there, you can introduce DevOps practices, explore AI capabilities, and prepare for investments in cloud-native development.