RED HAT
CONSULTING

redhat

RED HAT CONSULTING OFFERING:
INFRASTRUCTURE MIGRATION PILOT FOR
RED HAT OPENSTACK PLATFORM

DATASHEET

BENEFITS

- Optimizes VM infrastructure costs and redirects the savings to foster innovation

- Frees customers of vendor lock-in with open hybrid cloud model

- Reduces operational complexity by adopting a modern VM infrastructure

INTRODUCTION

For many organizations, legacy infrastructure solutions can stifle innovation. Workloads and resources can span physical, virtual, and cloud-based environments, making the path to IT advancement, and a true hybrid cloud infrastructure, complex. The cost of maintaining these existing infrastructure investments ties up a significant portion of IT budgets, and vendor lock-in limits the options for application modernization with containers. In addition, a lack of automation tooling inhibits the ability to execute migrations at scale.

To remain competitive, businesses need a flexible infrastructure, ideally an open hybrid cloud model. Organizations must consider technology that creates cost savings and agility and also a strategic framework that responds to changing business needs and increases innovation.

The Red Hat® Consulting offering: Infrastructure Migration Pilot for Red Hat OpenStack® Platform delivers an advanced infrastructure migration strategy that optimizes, automates, and simplifies your virtual machine (VM) infrastructure by migrating to OpenStack Platform. Red Hat Consulting provides turnkey VM migration capability, enabling self-service migrations. At the end of the engagement, customers, in partnership with subject matter experts, will have established:

- A foundation for modern, flexible, and agile infrastructure.

- A methodology to assess and categorize workload migrations.

- Strategies, techniques, and tooling to automate various migration scenarios.

- A migration framework to accelerate and execute migrations at scale.

- A production-ready virtualization infrastructure with Red Hat OpenStack Platform for customers to expand their skills, increase their experience, and establish trust.

GET STARTED WITH RED HAT CONSULTING

Red Hat Consulting helps customers quickly, iteratively, and strategically achieve value while building enterprise-wide capabilities. During a Red Hat Consulting engagement, teams are trained on the technology while learning and adopting the methods and skills needed to sustain success now and into the future.
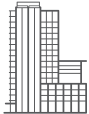
Across the following stages, Red Hat Consulting experts apply a set of products and services in a 12-week engagement to help customers design, build, and scale a virtualization migration strategy that meets their unique business needs.

| Discover and design | - Lead interactive solution design session to identify current virtual infrastructure inefficiencies and initial target state |
| | - Conduct an architecture deep dive to formulate a migration strategy and operational considerations |

Deploy	• Configure a minimal, production-ready Red Hat OpenStack Platform cluster
	• Configure networking and storage resources
	• Set up Red Hat CloudForms® migration orchestration appliance
	• Configure access to source and target locations
	• Test end-to-end access and run representative test migrations
	• Produce baseline performance estimates
	• Migrate an initial set of VMs selected based on complexity and prioritization
Enable	• Guide migration team on strategies, techniques, and tooling
	• Provide side-by-side mentoring throughout the engagement
	• Deliver and review architectural and operational documentation

THE RED HAT SERVICES DIFFERENCE

Working directly with Red Hat engineering and support organizations, Red Hat Consulting teams bring advanced skills to deliver solutions using Red Hat products and open standards. With insight into upcoming features and product roadmaps, nobody is better positioned to align teams, stream-line processes, and make enterprise systems and applications work together using open source and proprietary technologies.

- **Straight from the source.** Red Hat Consulting teams communicate directly with Red Hat support and product development organizations. Many of our consultants are also active contributors to the upstream open source communities behind Red Hat technologies, so they bring unparal-leled expertise.

- **Diverse technical experience.** Red Hat Consulting maintains deep expertise with open source and proprietary systems and applications platforms. Our comprehensive understanding of the tech-nology market helps us provide clients with a complete view of their environment. Our guidance is based on a holistic understanding of building enterprise systems, not just our own products.

- **Mentor-based approach.** Red Hat Consulting's approach gives clients the information and skills they need to move to Red Hat solutions in a safe and efficient manner. Red Hat believes that knowledge must be open and shared, just like source code.

- **Crucial, real-world training.** Red Hat Training and Certification develops role-based knowledge through hands-on training, covering emerging and foundational open source technologies to build real-world skills that support both critical commoditization and transformation projects.

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.

NORTH AMERICA
1 888 REDHAT1

EUROPE, MIDDLE EAST,
AND AFRICA
00800 7334 2835
europe@redhat.com

ASIA PACIFIC
+65 6490 4200
apac@redhat.com

LATIN AMERICA
+54 11 4329 7300
info-latam@redhat.com

facebook.com/redhatinc
@RedHat
linkedin.com/company/red-hat

redhat.com
f15854_0119