

# RED HAT CONSULTING: CLOUD MIGRATIONS

DATASHEET

## BENEFITS

- Quickly and efficiently migrate virtual machines, applications, and infrastructure
- Reduce costs
- Automate your IT processes
- Integrate technologies across your environment

Due to pressure to reduce operational costs and provide better agility to stakeholders, it is critical that IT support an array of workloads. And with more and more users turning to public cloud providers for next-generation capabilities, organizations must find ways to evolve how they deliver and manage infrastructure and platform services to meet users' needs. Many organizations are clear about where they want to go, but due to limited resources or difficulty defining a comprehensive and extensible strategy, they are unsure how to get there.

Red Hat® Consulting helps customers with workloads running in a traditional virtualized infrastructure deploy and transition to a bimodal cloud infrastructure in which traditional virtualized workloads can coexist with cloud-ready applications under a common management platform. Our approach radically simplifies, organizes, and automates the process of migrating workloads from legacy platforms and delivers unified management for ongoing operations and growth. Red Hat Consulting will help you build a robust, flexible computing infrastructure to lower total cost of ownership (TCO), reduce provisioning time, deliver services faster, and streamline processes.

## REALIZE THE POWER OF ADVANCED CLOUD INFRASTRUCTURE

To successfully migrate your operating environment, Red Hat Consulting uses a holistic approach that modernizes and streamlines infrastructure and has been proven in Fortune 50 companies with multiple datacenters, thousands of virtual machines (VMs), and large application and test teams. Incorporating not just technology, but also your organization's people and processes, we will work with you on a plan to tailor your applications for the cloud and provide a self-service catalog for users, all under the control of a single management interface. We will also show you how to use this approach and management interface to do iterative or phased workload migrations when they make sense, long after your initial migration successes.

Red Hat Consulting's structured and iterative solution delivery framework delivers solution-oriented value early and often by focusing on four major phases:

- **Discover:** An exploratory session to define the problem scope, solution approach, and next-step recommendations. This pre-sales engagement serves to:
  - **Align** your challenges and requirements with prevailing technologies, similar client experiences, and expected outcomes.
  - **Outline** the overall problem domain, including current state, target state, and opportunities for initial solution sprints or phases.



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- **Design:** Following discovery, an interactive and highly collaborative workshop with your key personnel will develop an integrated plan for migration, with components that focus on:
  - **Analysis** of the current-state architecture and organizational practices for the migration.
  - **Strategy** mapping across people, process, and technology to define a robust plan to evolve your approach, implementation, and management of infrastructure services.
  - **Architecture** definition (high level) to address your target environment and workload portfolio requirements.
- **Deploy:** Working from the backlog developed and prioritized in the design workshop, we engage with your team via agile sprints or traditional projects to:
  - **Build** and test an adaptable, resilient cloud migration infrastructure that resides in the heart of your open hybrid cloud or Red Hat Virtualization bimodal infrastructure.
  - **Prepare** group workloads with meaningful attributes and define and test tailored migration automation processes.
  - **Migrate** by scheduling and iteratively migrating workloads with a factory-like approach to efficiently bring end-user applications to your new infrastructure as business needs demand and opportunities arise, again and again.
  - **Manage** the deployment of a self-service catalog and automated provisioning to easily address ongoing operations and scaling.
- **Enable:** Red Hat continues to help you succeed throughout deployment and beyond, helping:
  - **Mentor** your operations, development, and governance teams to adopt collaborative approaches to streamline processes, plan for further evolution, and establish your own center of excellence for cloud migration and management.
  - **Train and certify** your teams on current and emerging technologies and methodologies appropriate for their roles. With offerings spanning systems provisioning, operational governance, unified management, and more, Red Hat training and certifications give your team the foundation to support, extend, and evolve your solutions.

## WORLD-CLASS TRAINING AND CERTIFICATIONS

For more than 15 years, organizations around the world have relied on Red Hat to help educate their staff. During that time, we have helped nearly two million students worldwide get the most out of their Red Hat technology investments. Red Hat Training and Certification's hands-on, task-focused courses and exams give your team the skills they need to implement real-world changes—better and faster. Multiple options for learning and testing give you the freedom to choose where, when, and how your staff gains those skills.

## THE RED HAT CONSULTING DIFFERENCE

With exclusive insight into upcoming features and product roadmaps, no consultant is better positioned to align teams, streamline processes, and make enterprise systems and applications work together using open source and proprietary technologies. Red Hat Consulting teams offer:

**Communication straight from the source:** Consultants – many of whom are also active contributors to the upstream open source communities behind Red Hat technologies – work directly with Red Hat support and product development organizations, resulting in unparalleled expertise.

**Diverse technical experience:** Consultants provide guidance based on a holistic understanding of building enterprise systems – not just Red Hat products.

**Mentor-based approach:** Red Hat believes that knowledge must be open and shared, just like source code. Consultants give clients the information and skills to safely and efficiently migrate to Red Hat solutions.



## ABOUT RED HAT

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to provide reliable and high-performing cloud, Linux, middleware, storage, and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT.



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