

# Virtualization Migration Assessment

## Solution overview:

Establish a plan to lower costs and accelerate innovation

## Typical staffing resources:<sup>1</sup>

- ▶ Delivery lead
- ▶ Principal architect

## Benefits:

Create a strategic plan for your VM infrastructure migration.

Accelerate innovation across defined milestones.

Strategize how to realize value during the pilot and factory migration of VMs onto your Red Hat platform.

## Relevant training and certification recommendations:

- ▶ [Red Hat OpenShift Administration I: Containers & Kubernetes \(DO180\)](#)
- ▶ [Managing Virtual Machines with Red Hat OpenShift Virtualization \(DO316\)](#)
- ▶ [Red Hat Certified Specialist in OpenShift Virtualization \(EX316\)](#)

Regardless of the current implementation stage of your project, Virtualization Migration Assessment is an experience-driven framework that helps you understand, plan, and create a strategic path forward for virtual machine (VM) infrastructure migrations. This engagement, offered by Red Hat® Consulting, aligns your existing and future strategy goals with your current technology to create a plan for optimizing your approach and accelerating your time to value.

Experienced Red Hat architects run a short series of 2-hour workshops with your platform and developer teams to assess the current environment and gather requirements for future state and realize subsequent value from innovative technology.

## Virtualization Migration Assessment by Red Hat Consulting

Our experts will assess your business drivers, current state, and the path to future state in a series of interactive discovery and design workshops. This assessment forms the basis for a high-level solution design, a roadmap to production, and a customized services journey to help you decide when and how to engage services to meet your virtualization goals with Red Hat OpenShift®. Tasks may include:

Activity	Outcomes
Perform discovery workshops with relevant stakeholders	<ul style="list-style-type: none"> <li>• Analyze existing investments and infrastructure and gather requirements for your future target platform</li> <li>• Identify virtualization use case(s) in preparation for the pilot</li> <li>• Understand Day 2 operations including, but not limited to automation and configuration management, disaster recovery and monitoring</li> <li>• Identify current ways of working, skillsets and organizational processes</li> <li>• Understand security and compliance requirements</li> </ul>
Identify VM workloads	Define integrations such as storage, networking, and clustering requirements
Co-create	With the input from your teams, Red Hat will propose a high-level solution design for your custom OpenShift Virtualization Pilot based on business needs

<sup>1</sup> Time and staffing may vary based on customer's needs.

“Sahibinden.com began a 3-phase project to migrate its existing VMs into container workflows with Red Hat OpenShift, running in a private cloud environment across its 2 datacenters. By doing this, Sahibinden.com decreased system reliability incidents by 97%, improved developer productivity and time to market, and enhanced its reputation for technology innovation.<sup>2</sup>

“During the pandemic lockdowns, Red Hat set up a group chat for all product managers and engineers to communicate quickly,” said Yalçinkay. “If we have a problem, Red Hat Consulting rapidly escalates it to their highly skilled engineers to get it addressed quickly.”

**Hayri Yalçinkay**  
 Director of Infrastructure Management,  
 Sahibinden

Activity	Outcomes
Propose a high-level solution design	To customize the next step in your OpenShift Virtualization Pilot based on your business needs
Generate a roadmap	Full documentation of workshop findings, including the current technology landscape, people, and process to work for next steps

The final output is a high-level design solution and roadmap presenting effective options for meeting your requirements, the initial scope and priorities for the pilot, and an approach for a migration factory and optional modernization effort to reach your defined outcomes.

**The Red Hat Services difference**

Red Hat Services works with Red Hat engineering teams to deliver advanced solutions, which provides focused insight into upcoming features and product roadmaps. Red Hat Services is better positioned to align teams, streamline processes, and help enterprise systems and applications work together using open source and proprietary technologies.

With diverse technical experience, our consultants bring extensive expertise with open source and proprietary systems and application platforms. Our comprehensive understanding of the technology market helps us provide clients with a complete view of their environment. Our guidance is based not only on our own products but also on a holistic understanding of building enterprise systems.

Red Hat Training and Certification allows students to develop role-based knowledge through hands-on training in emerging and foundational open source technologies. We help you build real-world skills that support critical commoditization and transformation projects such as [Managing Virtual Machines with Red Hat OpenShift Virtualization \(DO316\)](#) and the corresponding certification exam [Red Hat Certified Specialist in OpenShift Virtualization \(EX316\)](#) to test your knowledge. If you are unsure where to get started, check out a customizable Red Hat [OpenShift skills path](#) for developers or administrators.

Red Hat Technical Account Management (TAM) offers 1-on-1 specialized support and partners with you to resolve potential problems before they occur, minimizing disruption and allowing you to focus on your key business challenges.

<sup>2</sup> Red Hat case study. “Sahibinden.com delivers reliable retail services faster with Red Hat OpenShift,” 28 March 2022.



**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 develop cloud-native applications, integrate existing and new IT applications, and automate and manage complex environments. A [trusted adviser to the Fortune 500](#), Red Hat provides [award-winning](#) support, training, and consulting services that bring the benefits of open innovation to any industry. Red Hat is a connective hub in a global network of enterprises, partners, and communities, helping organizations grow, transform, and prepare for the digital future.

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