MIGRATE AND MODERNIZE APPLICATIONS

Accelerate innovation and reduce costs with an open source solution

DATASHEET

BENEFITS

- Reduce total cost of ownership (TCO) by migrating to Red Hat JBoss Middleware, an open source solution

- Establish a plan to identify and test the technical and business risks of migration in 3-4 weeks

- Accelerate developer efficiency and productivity

- Prepare for the future with a proven plan for migrating to JBoss Middleware

OVERVIEW

To meet market demands, stay competitive, and prepare for the future, businesses must innovate by adjusting their tools, processes, and skills. While reducing costs may have been enough to relieve business concerns in the past, a broader approach is needed to adequately address rapid change and the resulting need for greater flexibility and scalability.

By migrating applications from proprietary software—such as Oracle WebLogic and IBM WebSphere—to an open source solution like Red Hat® JBoss® Middleware, organizations can avoid high costs from vendor lock-in and better prepare their systems for future demands.

Red Hat Consulting's Application Migration and Modernization engagement helps businesses introduce and fully integrate open source software to accelerate and optimize application life cycles and take advantage of emerging technologies, including modernized applications and infrastructure. As a result, organizations can improve developer performance and productivity, reduce TCO, and prepare for future success.

A PROVEN AND REPEATABLE APPROACH TO ACCELERATE APPLICATION MIGRATION

Due to the perceived risk and cost of migration—across time, people, and budgets—many organizations seek smaller-scope, temporary solutions or may decide not to implement any solution. Red Hat Consulting leads and implements an effective migration plan that keeps daily operations running smoothly, manages risks and costs, and provides more strategic allocation of resources and budgets.

With extensive experience migrating customer workloads to Red Hat JBoss Middleware, Red Hat Consulting's subject matter experts guide customers through migration following their solution delivery framework (SDF) that consists of three steps: Discover, Design, and Deploy. At each stage, customers achieve incremental value while gaining enterprise-wide capabilities.
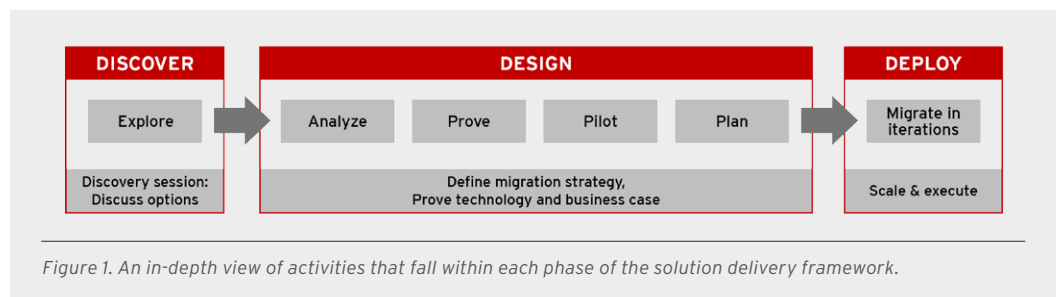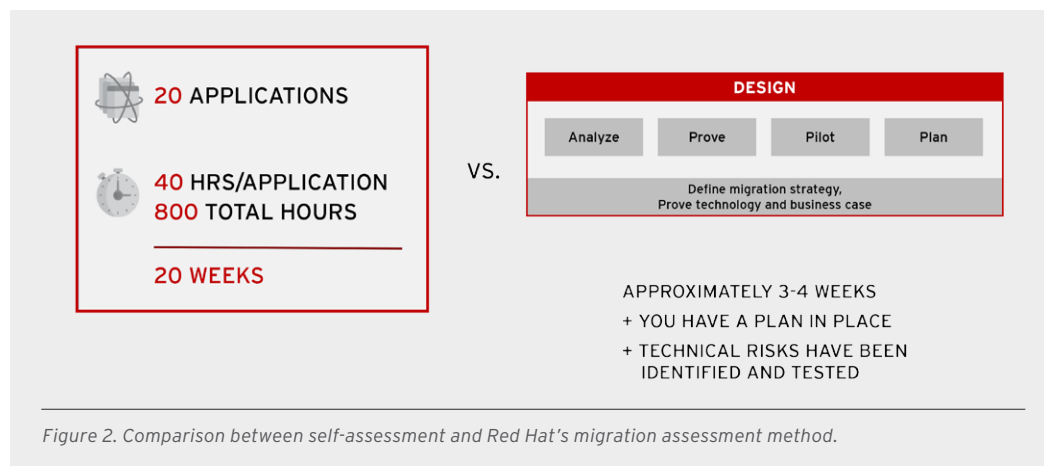
Figure 1. An in-depth view of activities that fall within each phase of the solution delivery framework.

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Following Red Hat Consulting's approach, organizations can achieve business value faster, compared to self-assessment and implementation. As a result, organizations can devote more time to other initiatives that deliver additional value.

Figure 2. Comparison between self-assessment and Red Hat's migration assessment method.

RED HAT CONSULTING APPLICATION MIGRATION AND MODERNIZATION

SOLUTION PHASE	DESCRIPTION
Discover	Discuss goals, solution approaches, and next steps to: • **Identify** challenges and potential issues, as well as viable approaches and technologies, necessary participants, and desired outcomes. • **Outline** current state, target state, and opportunities for change.
Design	Work with Red Hat consultants across 3-4 weeks to: • **Analyze** architecture, dependencies, infrastructure, processes, governance, and knowledge, including performing automated application code analysis. • **Complete** proofs-of-concept or demos across continuous integration (CI), continuous development (CD), or infrastructure automation to determine if high-risk issues are solvable. • **Pilot** target infrastructure and adjust estimates based on assessment, Windup information, and outcomes from the previous phase. • **Plan** migration and implementation by establishing work backlog, including phases, order, teams, documents, code infrastructure, and processes.

SOLUTION PHASE	DESCRIPTION
Deploy	Collaborate with Red Hat's subject matter experts, who will integrate with and guide your team to: • **Migrate** in iterations—typically two-week sprints—and document findings to improve the next sprint. • **Continuously validate** implementation against plan. • **Build skills** with ongoing coaching and mentoring.

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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