

# SCALE CONTAINERS AND AUTOMATE I.T. DELIVERY

Create a modern digital enterprise with Red Hat Consulting's container adoption program

DATASHEET

- Define strategies across people, processes, and technologies to gain the full benefits of containers
- Establish collaborative IT innovation to align with and achieve business goals
- Develop new practices for designing and delivering responsive business capabilities
- Increase operational efficiency, reliability, and scalability

For more information, visit:  
[redhat.com/services/consulting](https://redhat.com/services/consulting).

## COMPETITIVE LANDSCAPE

Business leaders are embracing DevOps to keep up with market demand. Container platforms are a new category of enterprise software, offering powerful technology to accelerate the development and delivery of applications. While containers help developers package applications for consistent deployment, they also provide a framework and common language that links development and operations teams.

However, the road to container adoption can be complex. To gain the full benefit of containers, you need a flexible program that incrementally delivers a modern, container-based infrastructure—with the necessary organizational process changes.

Red Hat® Consulting's container adoption program is a holistic program that addresses three workstreams—infrastructure, release management, and application development—turning isolated container experimentation into scaled container adoption while simultaneously transforming IT teams and processes.

## INFRASTRUCTURE

Deploying and operating containers at scale requires the coordination of infrastructure, management tooling, and operational practices. Through the container adoption program, Red Hat Consulting will partner with you to build and operationalize a production container platform, enhanced through rapid releases that address security, reporting, resiliency, and governance.

## RELEASE MANAGEMENT

Red Hat Consulting will work with you to achieve container-driven continuous delivery in your organization, so you can provide frequent, rapid, automated application releases that meet or exceed business demands. We will build and optimize a deployment pipeline with test automation and metrics to identify bottlenecks as they occur. We will then collaborate with your team to maintain and expand those pipelines to continually improve software delivery performance.

## APPLICATION DEVELOPMENT

Market demands force application development teams to be more rapid, iterative, continuous, reliable, and collaborative. We will work with your teams on the necessary process changes to experience DevOps and become agile—accelerating your success and maximizing your investment in containers. We will use Open Innovation Labs to give influencer development teams necessary techniques and practices to inform broader transformation efforts. Also, through a core team of application onboarding specialists, we will help facilitate mass adoption of containers throughout your application portfolio.



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## GET STARTED WITH RED HAT CONSULTING

The container adoption program provides a roadmap for successfully adopting and scaling containers in the enterprise. Spanning a series of agile program increments, Red Hat Consulting will work with you on all stages of container adoption, from aligning teams around containers, to expanding them in your organization, and ultimately helping to lay the groundwork for self-sustained growth within the business.

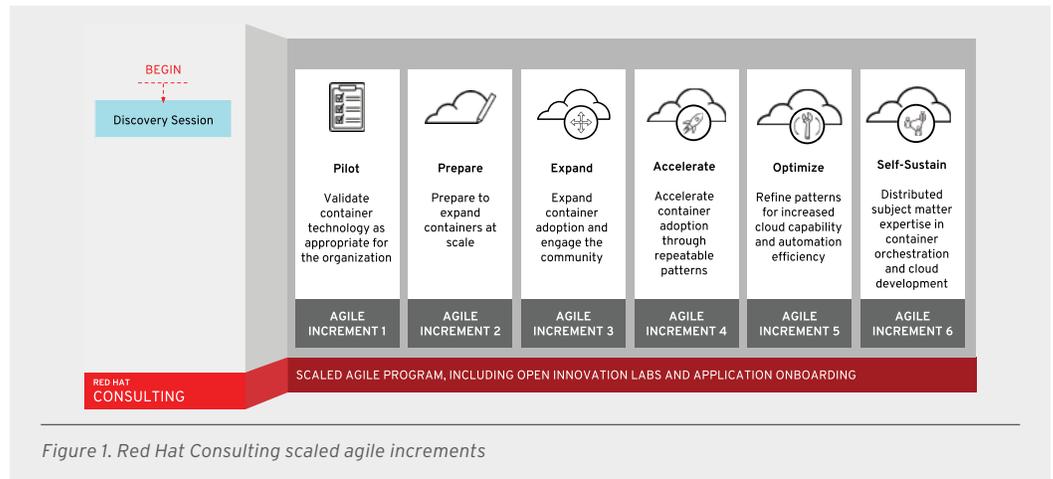
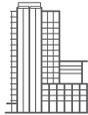


Figure 1. Red Hat Consulting scaled agile increments

During a container adoption journey, Red Hat Consulting experts help customers explore, establish, scale, and expand a unified digital transformation strategy focused around container adoption that meets customers’ unique business needs. Across the following phases, our experts will:

<b>Explore</b>	<p>Discuss goals, solution approaches, and next steps to:</p> <ul style="list-style-type: none"> <li>• <b>Identify</b> challenges and potential issues, as well as viable approaches and technologies, necessary participants, and desired outcomes.</li> <li>• <b>Outline</b> current state, target state, and opportunities for change.</li> </ul>
<b>Establish</b>	<p>Develop an intelligent plan that delivers a(n):</p> <ul style="list-style-type: none"> <li>• <b>Analysis</b> of the current state architecture and organizational practices for the migration.</li> <li>• <b>Strategy</b> across people, processes, and technologies to create a mobile enterprise.</li> <li>• <b>Architecture</b> definition that addresses target environments.</li> </ul>
<b>Expand</b>	<p>Work with Red Hat’s subject matter experts, who will integrate with and guide your team to:</p> <ul style="list-style-type: none"> <li>• <b>Establish</b> strategies to build a collaborative culture, determine responsibilities, foster new skills, and accelerate innovation.</li> <li>• <b>Adapt</b> existing applications and build new cloud-native services to provide the full benefits of container platforms.</li> <li>• <b>Deliver</b> secure, resilient new environments and practices to efficiently deploy, manage, and scale workloads that support your business strategy.</li> </ul>



### 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.

### THE RED HAT CONSULTING 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 exclusive insight into upcoming features and product roadmaps, nobody is better positioned to align teams, streamline 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 unparalleled expertise.
- **Diverse technical experience:** Red Hat Consulting maintains deep expertise with open source and proprietary systems and applications platforms. Our comprehensive understanding of the technology 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.

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