

SIMPLIFY DIGITAL TRANSFORMATION WITH RED HAT AND TIDAL MIGRATIONS

SOLUTION OVERVIEW

INTRODUCTION

Digital transformation is essential to remaining competitive in fast-changing markets. Hybrid cloud infrastructures can help organizations succeed, but deploying them can be a complex process. During the premigration phase of digital transformation, organizations gather massive amounts of data on their existing IT infrastructure, often relying on manual analysis of this data to deploy new technologies. Automated premigration services streamline costly manual transformation initiatives and enable enterprises to embrace modern IT infrastructures faster and with less risk.

As the demand for modern infrastructure continues to grow, many enterprises are drawn to the benefits of the cloud but worry that the costs associated with cloud migration may be prohibitive. Tidal Migrations harnesses the configuration and automation capabilities of Red Hat® Ansible® Tower to deliver streamlined and cost-efficient premigration services. By automating the technical phases of digital transformation, the Tidal Migrations platform delivers accelerated migration initiatives.

RED HAT AND TIDAL

Red Hat and Tidal Migrations work together to provide advanced automation services and alternatives to manual premigration remediation. These joint solutions are uniquely open source and modular, and they deliver greater speed and cost-efficiency than traditional application migration—without vendor lock-in. With Red Hat and Tidal Migrations, organizations can use automation to migrate applications to new infrastructures, standardize configurations, and increase IT security. Together Red Hat and Tidal Migrations deliver:

- A comprehensive portfolio of automated discovery, assessment, planning, and migration services.
- A unique blend of open technology, price and performance efficiency, and enterprise credibility.
- Cost savings and decreased deployment cycles.



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SOLUTION AT A GLANCE

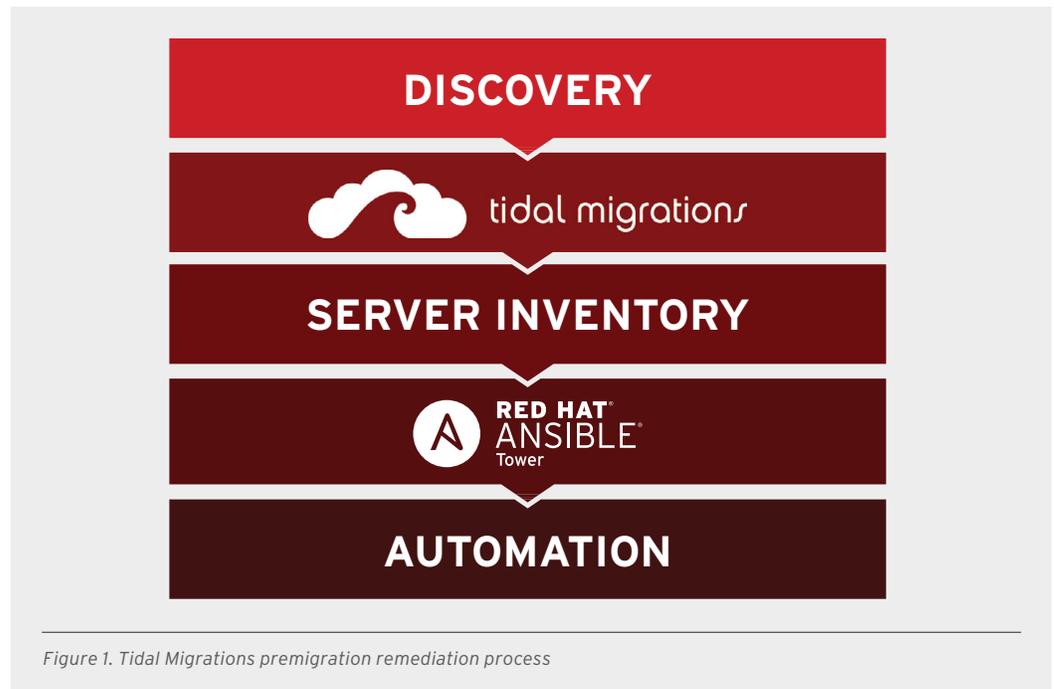


Figure 1. Tidal Migrations premigration remediation process

When undertaking a digital transformation initiative, organizations must ensure that their existing applications are properly configured before transitioning to a new environment. This premigration remediation process ensures consistency across applications and allows organizations to take advantage of cloud-based services, such as serverless architecture, Linux® containers, and cloud-scale load balancing. Premigration remediation for enterprises with hundreds or thousands of servers is typically a costly and time-consuming endeavor. Tidal Migrations utilizes Red Hat Ansible Tower, a simple solution for configuration and automation, to decompose complex infrastructures in a fraction of the time required by traditional migration approaches.

Red Hat Ansible Tower is minimal in nature, consistent, secure, and highly reliable, with a low learning curve for administrators, developers, and IT managers. One of the key reasons for this is that Ansible configurations are simple data descriptions of IT infrastructure components (both human-readable and machine-parsable). Tower offers a number of features that bring new levels of control to existing infrastructure analysis, including automated configuration, provisioning callbacks, job scheduling, and continuous remediation. By harnessing the configuration and automation capabilities of Ansible Tower, Tidal Migrations accelerates digital transformation initiatives and enables organizations to migrate to the cloud with less risk.

SOLUTION BENEFITS

With Red Hat and Tidal Migrations premigration remediation services, organizations benefit from the performance, speed, and agility of automated discovery and migration. Founded on open source technologies and industry best practices, Red Hat and Tidal Migrations deliver a range of advantages to the enterprise, including:

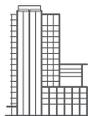
FEATURE	BENEFIT
Accelerated migration	Automation of the migration process eliminates the need for manual data entry and accelerates data migration times.
Increased cost savings	Reduces costs associated with manual configuration work, proprietary automation software and extended workload migration periods.
Lower migration risk	Decreases inconsistencies and data entry errors associated with manual data entry.
Faster time to value	Eliminates vendor lock-in and speeds cloud adoption to provide a more cost-effective solution.
Transformed IT provisioning	Delivers a proven, modular, open source architecture that relies on the services and software of industry-trusted vendors.
Life-cycle support	Provides extended enterprise support that covers software and migration platforms.

LEARN MORE

Do not migrate to a messy cloud environment; normalize and standardize your application configurations before you migrate with Red Hat Ansible Tower and Tidal Migrations. To learn more, contact Tidal Migrations at info@tidalmigrations.com.

ABOUT TIDAL MIGRATIONS

Tidal Migrations empowers enterprises around the world to transition to modern application development environments and embrace the cloud as part of their digital transformation strategy. Our team delivers a scalable and multitenant web application to support cloud transformation initiatives, augmented by our best practices and professional services. Our mission is to support migration initiatives, making the complex straightforward.



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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