

RED HAT PATHWAY TO IT MODERNIZATION

DATASHEET

ADVANTAGES OF IT MODERNIZATION

- Significantly reduce operational costs for IT infrastructure
- Proactively increase IT infrastructure performance and agility to meet scaling demands
- Better align IT infrastructure with business objectives and regulatory compliance demands
- Eliminate reliance on legacy systems and associated risks

DEFINE AND EXECUTE YOUR ROADMAP TO CREATE A HIGH-PERFORMING, STREAMLINED, AND AGILE INFRASTRUCTURE.

OVERVIEW

Over time, every IT portfolio gets bogged down in the chaos of servers, platforms, and software that make up the current IT landscape. Legacy systems, disparate architectures, and aging technologies slowly eat away at returns, reduce your ability to respond to shifting demands, and limit how quickly you can scale to meet new market opportunities.

IT modernization lets you reboot your portfolio for greater agility, reduced cost, and operational excellence. This frees up your time and money to focus on innovation, not implementation.

RED HAT SERVICES PATHWAY TO IT MODERNIZATION

IT modernization requires a holistic approach--addressing workloads, systems, processes, skills, and culture as critical components of a successful evolution.

The Red Hat approach is modular and scalable, with four focus phases that can combine or expand to better serve the size of the portfolio and the demands of your business.

These phases include:

- Strategy – Uncover key objectives and determine tangible business results of modernization.
- Blueprint – Create detailed plans for your modernization efforts.
- Transform – Efficiently execute modernization plans.
- Optimize – Continue refining for added benefits and opportunity.

The Pathway to IT Modernization uses open technologies, tools, and standards; industry and organizational insight; and proven IT methodologies to provide the best approach. The engagement provides recommendations and comprehensive methodologies and practices that increase standardization, drive application and environment migration targets, and implement low-cost virtualization technologies. The Red Hat approach helps improve productivity and efficiency across your enterprise IT systems and enables an agile IT infrastructure for new business opportunities.



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INITIAL PATHWAY OUTCOMES

- Inventory of server hardware and open source and proprietary software portfolio
- Inventory of IT management process
- Recommendations for open source and open standards alternatives to proprietary counterparts
- Detailed recommendations for environment consolidation, including how these recommendations impact your operating expenses (TCO)
- High-level recommendations for software, hardware, and process standardization
- Roadmap for strategic migration that includes recommendations for migration candidates and implementation path
- Knowledge transfer and documentation

EMBARKING ON YOUR PATH

STRATEGY

Most IT modernization efforts stem from a need to replace expensive, feature-locked legacy systems with more agile and efficient solutions.

The first step is to establish a strategy for intelligently migrating workloads. This requires a flexible, open-standards based infrastructure, and identifying the organizational culture and skills needed to maximize the return.

During this phase, we perform a macro-level analysis of organization, processes, systems, and workloads to define the IT modernization strategy, which includes:

- Survey existing IT ecosystem and organization
- Benchmark organizational readiness
- Triage workloads
- Analyze migration and virtualization options
- Perform preliminary financial analysis return on investment (ROI), total cost of ownership (TCO)
- Define overarching migration strategy

BLUEPRINT

Working from the IT modernization strategy, this phase includes in-depth analysis of systems, workloads, processes, and skills that results in a comprehensive plan. The plan incorporates a proposed timeline, and effort and cost estimates for modernization.

The blueprint phase includes:

- Analysis of the current UNIX ecosystem to identify opportunities for Red Hat Enterprise Linux capabilities
- Review of functional applications to determine which ones will be using the Red Hat Enterprise Linux environment and how
- Analysis of organizational readiness and potential risk factors
- Creation of the migration roadmap and standard operating environment (SOE) architecture

TRANSFORM

The transform phase follows the IT modernization blueprint, and focuses on unlocking the benefits of modernization through efficient execution and expert guidance, including:

- Skills training
- Governance and governance consulting
- Creation of reference architectures
- Process engineering
- Construction of virtualization environments
- Creation of core builds and deployment automation
- Migration and validation
- Production entry and exit criteria
- Production go-live assistance
- Transition entry and exit criteria
- Knowledge share
- Enterprise architects
- Developers
- Systems administrators
- User-support engineers
- Transition to Red Hat Global Support Services

OPTIMIZE

With your strong base of modernization established, the optimize phase continues to hone and expand your efficiency with iterative investigation, planning, and consulting focused on evolving the portfolio and the organization.

Opportunities include:

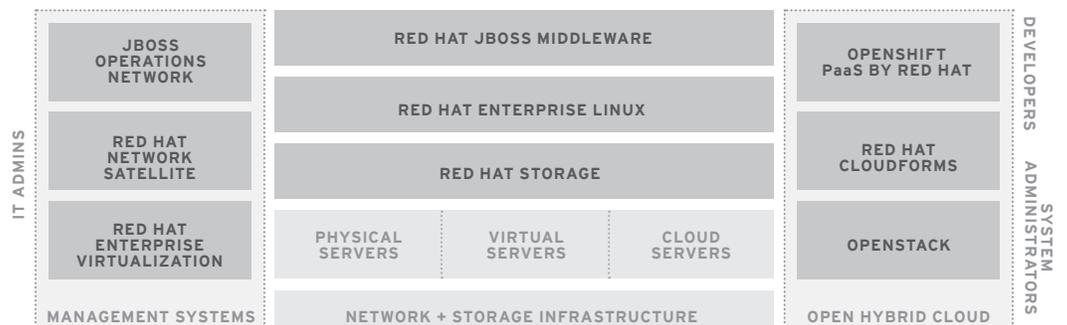
- Red Hat Enterprise Linux performance tuning
- Automation of build, test, release, and compliance processes
- IT governance and process refinement
- Evolution toward and into cloud capabilities



ABOUT RED HAT

Red Hat is the world's leading provider of open source solutions, using a community-powered approach to provide reliable and high-performing cloud, virtualization, storage, Linux, and middleware technologies. Red Hat also offers award-winning support, training, and consulting services. Red Hat is an S&P company with more than 70 offices spanning the globe, empowering its customers' businesses.

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