SAY YES TO INNOVATION: MODERNIZE YOUR I.T. FOUNDATION

TECHNOLOGY BRIEF

INTRODUCTION

Workforce mobility, flexible computing options, and mountains of data are pushing the bounds of traditional datacenters. Trying to respond to these demands with complex, heterogeneous infrastructure is expensive and cumbersome, forcing IT departments to say "no" to new projects as they exhaust budgets just to keep the lights on. With Red Hat, you can smoothly transition to infrastructure that is open and flexible—a standards-based, stable platform that drives significant cost savings and frees your IT talent to say "yes" to projects that deliver differentiated value.

Red Hat and its partner ecosystem stand ready with the tools, capabilities, and expertise to help your IT department move to modern, next-generation infrastructure that can respond to dynamic business priorities on a moment's notice.

MODERNIZE WITH RED HAT SOLUTIONS

Applications built and deployed on legacy UNIX/RISC platforms make it difficult for IT infrastructure to perform, scale, or respond to changing market dynamics. Migrating to Red Hat solutions helps you build the foundation for better infrastructure agility and offers the opportunity for real datacenter transformation. Red Hat solutions—operating system, virtualization technology, middleware, and management tools—enable you to develop high-value applications and services and transform resource delivery on a simplified IT architecture.
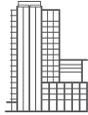
Since it costs a lot to maintain and operate a legacy platform, you cannot afford not to move to more modern infrastructure. By taking advantage of modern, energy-efficient servers and high-value Red Hat software subscriptions, you can reduce your acquisition and ongoing costs.

MORE SCALABILITY AND CONVERGENCE

Removing performance and scalability barriers is paramount for businesses facing mobility, big data, and cloud initiatives. When your application platform struggles to satisfy demand, modernizing your IT infrastructure with Red Hat solutions can help. Enhancements in Red Hat® Enterprise Linux® push the bounds of scalability with support for massive memory configurations and processor counts, caching optimizations, and fine-grained resource allocation. As a result, your IT infrastructure can support more workloads in less space with headroom for growth.

FLEXIBILITY THAT BREAKS DOWN SILOS

With Red Hat solutions, you can break down silos and maximize agility. Red Hat Enterprise Virtualization helps your IT staff scale and integrate both Linux® and Microsoft Windows workloads. Based on the Kernel-based Virtual Machine (KVM) hypervisor technology, the Red Hat Enterprise Linux kernel, and the oVirt.org virtualization management project, Red Hat Enterprise Virtualization makes it easy to deploy and support high-density configurations so you can make effective use of valuable datacenter resources.

Plus, you gain the flexibility to re-provision resources to accommodate new or growing workloads that satisfy user demand. Your IT staff can migrate workloads to areas with the lowest cost structure and distribute workloads for greater disaster recovery and business continuity.

INVESTMENT PROTECTION AND CHOICE

Popular enterprise and open source applications such as Apache, Oracle, SAP, and SAS all run on Red Hat Enterprise Linux. By moving to a platform based on open, industry standards, you can protect your investment and run the tools you need on a modern architecture. Indeed, more than 9,200 applications from 1,400+ ISVs are certified for use. Since Red Hat Enterprise Linux is certified for use with more than 3,000 hardware configurations, including x86 servers, RISC servers, mainframes, workstations, and storage devices, you can choose the right platform for the right workload and use common management tools.

OPERATIONAL AND MANAGEMENT EFFICIENCY

What makes Red Hat Enterprise Linux the right choice when IT efficiency is a concern? Given the similarities between UNIX and Red Hat Enterprise Linux, you can even run your systems the way you did before. Many of the same tools used to manage UNIX are similar to tools in Red Hat Enterprise Linux. You can make the transition with less disruption while leveraging the skill sets of your existing team members.

In addition, the capability to automate routine tasks such as upgrades, patches, and updates is a more efficient use of an administrator's time. Red Hat's centralized on-premise management lets your IT staff know if systems need important patches or configuration changes. An intuitive GUI enables junior IT staff to perform day-to-day tasks, freeing senior staff to focus on strategic initiatives and increasing your server-to-administrator ratio.

SUMMARY

Doing more with less is possible when you modernize your IT infrastructure with Red Hat solutions. Solution stability frees you to take on your biggest challenges now and provides the flexibility to do what's most important in the future. In addition, Red Hat's extensive community of partners, customers, and experts stands ready to support your success no matter what you face. As markets shift and your business reacts and changes, you can be confident that your IT infrastructure will deliver the agility, adaptability, and speed to you need today, and be prepared for your next big thing.