Trusted Enterprise Computing for a New Economy: Red Hat and Cisco

Red Hat is the world's leading supplier of open source solutions, offering a compelling lineup of an enterprise-standard operating system, virtualization solutions, middleware, and services that dramatically reduces costs while delivering the applications, performance, security, and manageability of traditional environments. Red Hat solutions support the most demanding work-loads in companies large and small. The combination of the Cisco Unified Computing System™ and Red Hat software offers customers next-generation computing—beyond RISC, beyond UNIX, beyond yesterday's solutions.

Responding to Today's IT Reality: Delivering Business Flexibility on a Tight Budget

CIOs and IT managers today are facing traditional challenges, but on a scale never seen before. They need to keep costs strictly under control, they need to change processes and adopt new business models more quickly than ever, and they need to do more with less, every day. In this challenging new world, the survivors are those who have the flexibility to adapt.

Red Hat and Cisco solutions enable CIOs and IT managers to meet the challenges they face daily. For example, a traditional UNIX application running on a RISC hardware platform—the enterprise workhorse for the past two decades—is too inflexible to compete in today's market. The Cisco Unified Computing System unites network, compute, and virtualization resources into a cohesive system. Red Hat software products offer UNIX capabilities to replace older systems, as well as capabilities for new, modern workloads and applications: features such as integrated virtualization, integrated high availability, exceptional security, benchmark-winning performance, and compelling economics.

The combination of Red Hat Enterprise Linux and the Cisco Unified Computing System offers customers a long-term platform for deploying powerful computing infrastructures.

Delivering the Software Portfolio for Today's Successful Business

Red Hat solutions are delivered in five primary categories:

- **Operating systems:** Red Hat Enterprise Linux and Red Hat Enterprise Linux Advanced Platform offer the world's leading Linux server computing environments, including integrated virtualization technology. Supporting a wide range of commercial applications, they are ideal for all enterprise environments. Read more at http://www.redhat.com/rhel.

- **Virtualization solutions.** The integrated virtualization capabilities in Red Hat Enterprise Linux allow it to run as a standalone operating system or as a guest operating system on alternative virtualization solutions such as VMware's. In addition, Red Hat will deliver the Red Hat Enterprise Virtualization portfolio of solutions in 2009. Read more at http://www.redhat.com/rhel/virtualization.

- **Infrastructure technologies.** Red Hat Enterprise Messaging, Realtime, and Grid (MRG) offers increased performance, reliability, and interoperability and faster computing for enterprise customers. Benefits include messaging that is up to 100 times faster than alternatives; increased interoperability through implementation of Advanced Message Queuing Protocol (AMQP); the first open messaging standard; fast response times; scheduling to local grids, remote grids, virtual machines, and rented cloud infrastructure; and harvesting of spare capacity from idle PCs to make full use of resources. Read more at http://www.redhat.com/mrg.

- **Middleware.** Red Hat's portfolio of JBoss Enterprise Middleware products offers a comprehensive range of capabilities, from application servers to service-oriented architecture (SOA), delivering uncompromising value. More than 30 percent of middleware customers report that they use JBoss in their organizations. Read more at http://www.jboss.com.

- **Services.** Cisco and Red Hat offer a comprehensive range of services, from planning through deployment to ongoing support. Cisco has partnered with the Red Hat services team to provide customers with all levels of support for Red Hat Enterprise Linux on the Cisco Unified Computing System.

Red Hat offers a wide range of worldwide services, from comprehensive training, through professional design and deployment, to long-term support and maintenance. Migration services simplify the transition from UNIX to Linux, reducing deployment time and costs. Read more at https://www.redhat.com/services.

Cisco® Services provide a comprehensive portfolio of services to assist customers in building next-generation data centers, from architecture design to implementation of sustainable optimal operations. Cisco Services can accelerate deployment time for clients deploying the Cisco Unified Computing System. These services provide knowledge transfer and best-practices deployment strategies, architecture, and configuration for Red Hat products, including the cluster suite and satellite server, optimized to run on the Cisco Unified Computing System. Cisco Services provide a single point of resolution for customer issues across all technologies that include Red Hat Enterprise Linux on the Cisco Unified Computing System.

Cisco Services provide continuous remote monitoring and management activities, resolving problems for the devices and applications in customer data centers including Red Hat Linux on the Cisco Unified Computing System.

The value of Red Hat solutions is best illustrated by the success of Red Hat customers. To read about a variety of global customers who are benefiting from a selection of Red Hat solutions, please visit http://customers.press.redhat.com/.

Red Hat and Cisco

Red Hat solutions fully use the power of the Cisco Unified Computing System, enabling customers to deploy their most mission-critical applications in a secure, virtualized, high-performance environment with the peace of mind provided by coordinated support services. Red Hat technologies, coupled with the Cisco Unified Computing System, enable customers to master today's IT challenges.

For More Information

Please visit http://www.redhat.com or http://www.cisco.com/go/ucs.

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