



SECURING SERVER INTEGRATION WITH SYMANTEC AND RED HAT

Improve operational flexibility. Protect critical assets. Simplify your data center.

Your IT organization is faced with the need to reduce the cost and complexity of purchasing, integrating and managing critical applications and to proactively secure your heterogeneous environments from threats. To simplify management, your IT team is eager to standardize your data center infrastructure software to better serve internal and external customers.

The solution from Symantec and Red Hat includes the leading operating system software, Red Hat Enterprise Linux and Symantec Critical System Protection host security software along with support and services. This solution enables data center standardization on a single-infrastructure software platform for complete enterprise security needs. It also enables the implementation of open source web and Service-Oriented Architecture (SOA) based applications.

Linux plays a critical role in corporate data center operations, so it is imperative that customers have proven tools that enable them to manage not only their Linux infrastructure but their entire heterogeneous storage and operating system environments. IT organizations are eager to adopt Red Hat Enterprise Linux as an effective platform for driving IT costs out of deploying and managing their infrastructure software.

Host Intrusion Protection and Detection solutions fortify the overall security posture of today's enterprise, allowing organizations to securely leverage the benefits the Internet provides. Utilizing a multi-layered approach, Symantec Critical System Protection monitors traffic, detects intrusion attempts, responds to attacks in real time, and delivers flexible management capabilities to simplify administration. Symantec Critical System Protection provides enterprises operating multiple platforms with a security solution that protects their organization from new and unknown threats.

Simplified, delivered, and supported by Red Hat and Symantec. The solution delivers enterprise class features, performance, 64-bit support and service. With Red Hat Enterprise Linux and Symantec Critical System Protection your organization has proactive, behavior-based host intrusion protection that ensures host integrity and system compliance and the highest level of availability.

OVERVIEW

Red Hat is the leading provider of Linux and open source solutions for the enterprise. Symantec is a global leader in infrastructure software, enabling businesses and consumers to have confidence in a connected world. This solution from Red Hat and Symantec provides enterprises with the value of integration and standardization without the pain of lock-in. The Secure Server Solutions includes two new server packages:



SECURE SERVER HOST

Combines the leading proactive, behavior-based host intrusion protection and the leading open source Linux platform for enterprise computing for servers with up to 2 processor sockets to ensure host integrity and system compliance, as well as reduce the cost and complexity of data center environments.



SECURE SERVER HOST FOR APPLICATIONS

For servers with up to 2 processor sockets, provides traditional Red Hat Enterprise Linux functionality, the leading proactive, behavior-based host intrusion protection, JBoss Application Server with Tomcat, JBoss Hibernate, and a choice of open source database—MySQL or PostgreSQL and Apache Web Server to enable data center standardization on a single infrastructure software platform for security needs of the enterprise.

SYMANTEC CRITICAL SYSTEM PROTECTION

Symantec Critical System Protection protects against day zero attacks, hardens systems, and helps maintain compliance by monitoring and enforcing behavior-based security policies on clients and servers. A centralized management console enables administrators to configure, deploy and maintain security policies, manage users and roles, view alerts, and run reports across heterogeneous operating systems.

Critical System Protection provides proactive behavior-based host intrusion protection through a high speed application firewall designed for servers, system controls of application and operating system resource calls to prevent system exploitation and provides system lockdown on application, user and group levels to control configuration changes preventing zero-day attacks or accidental misconfiguration. This host-based intrusion prevention capability can be operated in both preventative and monitoring modes to provide both full protection of a system, or simply monitoring for issues to either configure the policies or provide real-time monitoring of potentially malicious behaviors. Critical System Protection also provides a rich host intrusion detection feature set that provides resource and event monitoring with notifications and audit logging and reactive actions to ensure host integrity and compliance across heterogeneous platforms.

RED HAT ENTERPRISE LINUX

The Red Hat Enterprise Linux family provides the industry's most comprehensive suite of Linux solutions designed for mission-critical enterprise computing and certified by top enterprise software vendors. Red Hat Enterprise Linux delivers the highest level of reliability and value, coupling the innovation of open source technology and the stability of a true enterprise-class platform.

Enterprise Linux delivers the features required for commercial deployments, including:

- Support for a wide range of ISV applications.
- Certifications on multiple architectures and leading OEM platforms, including Bull, Dell, Fujitsu, Hitachi, HP and IBM.
- Exceptional performance, scalability, and availability, with audited industry benchmarks.



RED HAT APPLICATION STACK

Red Hat Application Stack is the first fully integrated open source stack. Simplified, delivered and supported by the open source leader. IT includes everything you need to run standards-based Web and enterprise applications. All bundled and sold as a per-server subscription, delivered through Red Hat Network, and offered with up to 24x7 premium support.

MANAGEMENT

Symantec Critical Security Protection is managed through the Symantec Critical System Protection console. Centralized administration of agents through the Symantec Critical System Protection management server and console enable administrators to centrally configure and monitor their server infrastructure for security issues and quickly adjust policies for new applications and changing security needs. The Critical System Protection console makes it easy to configure and monitor Critical System Protection agents, edit prevention and detection policies and analyze detected security events. The console also provides easy-to-use wizard configuration tools for creating new security policies, as well as adjusting policies to modify policies for allowable application behaviors. Finally, the Critical System Protection server provides event query matching capability, which can be used to generate reports, e-mail alerts or SNMP traps.

Red Hat Enterprise Linux and Red Hat Application Stack are managed through Red Hat Network, an easy-to-use systems management platform for your Linux infrastructure. Red Hat Network provides simple tools to efficiently manage the life-cycle of systems on your network, including provisioning new systems, managing updates and configuration changes, monitoring system performance, and eventually red-deploying these systems for a new purpose. All Red Hat Enterprise Linux and Red Hat Application Stack subscriptions include a Red Hat Network Update Module, and can be upgraded with the Management and/or Provisioning Module to increase the management capabilities.

PRODUCT DETAILS

Symantec Critical Security Protection is delivered as a license module with an annual subscription for maintenance and support services. Support levels include:

- Basic: Provides one year of Symantec business hours support service, plus software updates and version upgrades.
- Essential: Provides one year of Symantec 24x7 product support, plus software updates and version upgrades.

Red Hat Enterprise Linux and the Red Hat Application Stack are delivered on an annual subscription basis with one year of maintenance and support services, ensuring your business IT deployments stay reliable and secure. Three support levels are available:

- Basic Edition: Provides one year of Red Hat Network maintenance services, including updates and upgrades.
- Standard Edition: Provides one year of product support, Monday-Friday 9 a.m. - 5 p.m., (9 a.m. - 9 p.m. In North America) with four-hour response, unlimited incidents.
- Premium Edition: Provides Basic Edition plus one-year of product support, 24x7 with one-hour response, unlimited incidents.

INCREASE PERFORMANCE AND SCALABILITY

Take the industry's most popular Linux software and the leading security solutions, create the Secure Server Integration from Symantec and Red Hat and run it on an Intel Xeon processor based platform and you'll experience more performance-per watt. The Intel Xeon processor provides increased performance, scalability, and power efficiency for running today's critical business applications with Red Hat Enterprise Linux plus the flexibility to migrate to a 64-bit computing environment.





With security solutions from Symantec and Red Hat on an Intel Xeon processor based platform, you'll get:

Consulting

Red Hat and partners offer a full range of consulting services, from assessment to migration, implementation, and infrastructure management, all delivered by experienced and certified Red Hat and JBoss professionals.

Symantec Consulting provides Residency and Operational Services where consultants work side-by-side with your IT staff or where the entire end point security function is out sourced to Symantec.

Training

Industry acclaimed. Performance-based. Red Hat offers the most current and accurate hands-on training courses and the most respected certifications in the industry.

Please visit <https://www.redhat.com/training/> for information on classes and current training schedules.

Symantec offers security and product training for Critical System Protection as well as a wide range of other education services in security technologies and products.

Please visit <http://www.symantec.com/enterprise/training/index.jsp> for more information about Symantec's course curriculum and schedules.

Professional Services

A complete range of open source services to help companies plan, implement, and extend the value of Red Hat's open source solutions.

Global Learning Services: Industry acclaimed, performance-based training courses and certifications

Global Professional Services: A full set of consulting services from assessment to implementation, and infrastructure management

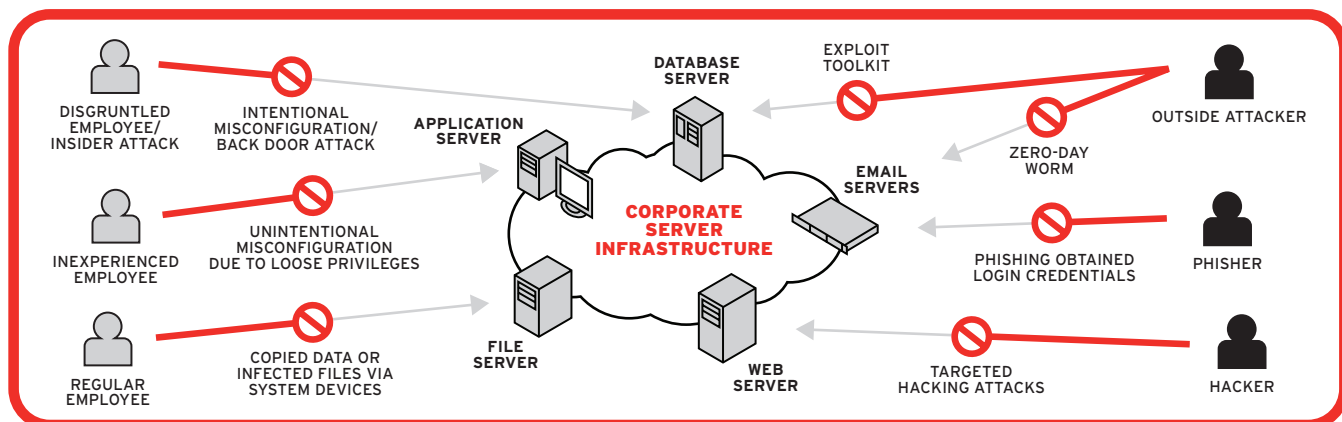
Global Support Services: Around-the-clock, global support from the most trusted experience, and knowledgeable technical support staff

Red Hat Applications

Extend the benefits of open source beyond the operating system.

- JBoss Enterprise Middleware
- Red Hat Developer Suite
- Red Hat Exchange
- Red Hat Directory Server
- Red Hat Certified System

www.redhat.com/software/rha



Symantec Critical System Protection creates a shell around each program and service that defines "acceptable." In each of the scenarios above, the unacceptable behavior is blocked.