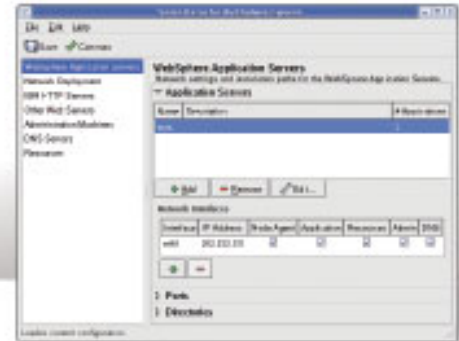




Razor™ for IBM WebSphere®

THE POWER OF SELINUX MADE EASY



With Tresys Razor for IBM WebSphere, for the first time, flexible mandatory access control is used to significantly improve the security of an N-tier application infrastructure without impacting functionality or user administration.

Tresys Razor for IBM WebSphere is a unique solution that uses powerful mandatory access control (MAC) security in a flexible and configurable way to secure an enterprise application. While complex, the components of IBM's WebSphere interact in a predictable manner. Tresys worked with IBM to develop a strong SELinux foundation for several WebSphere products. The administrator specifies configuration items in familiar WebSphere terms and Tresys Razor translates these into tightly confined SELinux policy for each component in the architecture.

Tresys Razor™ for IBM WebSphere

Express Edition

Complete protection for small WebSphere solutions. Express Edition uses the power of SELinux to build a firewall around each process on IBM WebSphere Applications Server, Network Deployment, and web servers. Tresys Razor confines access to files, shared memory, message queues, IP addresses, ports, and other system resources. The result is protection of WebSphere processes from vulnerabilities elsewhere on the system - even zero-day attacks.

Enterprise Edition

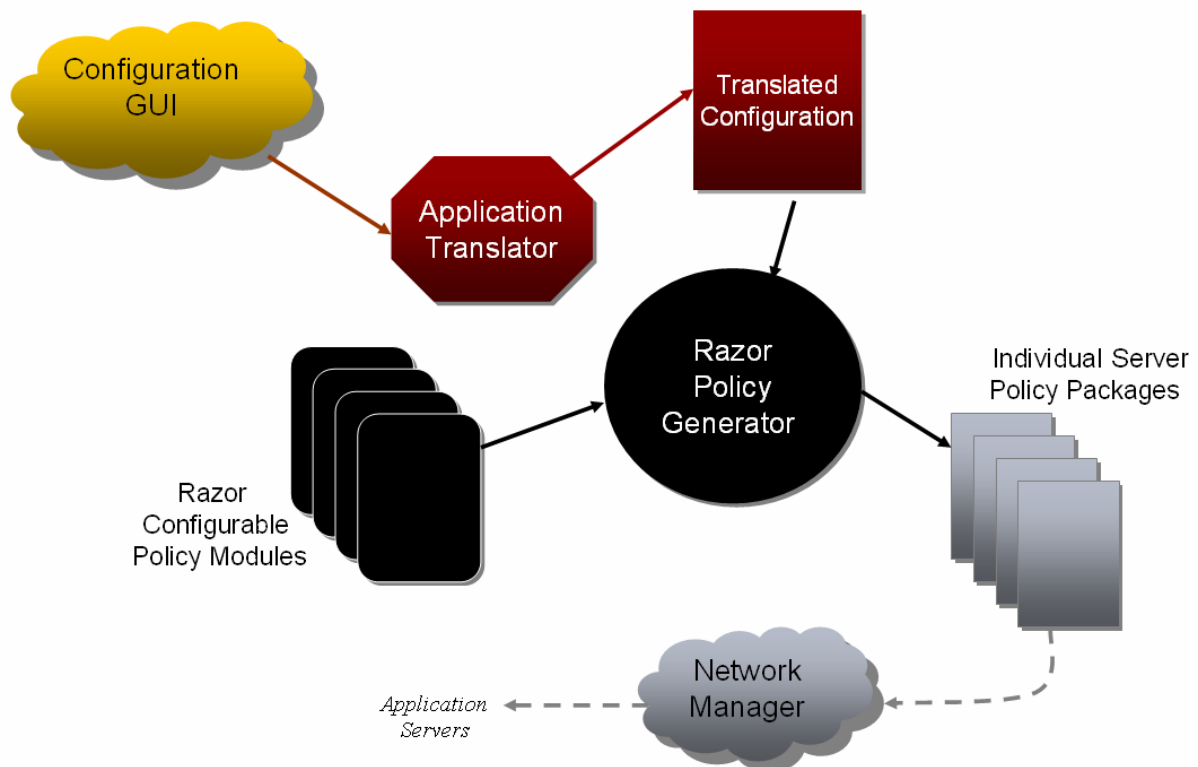
Complete protection with network management for small-to-large IBM WebSphere solutions. Enterprise Edition provides the same SELinux-based protection for WebSphere servers as Express Edition. It also provides remote management and deployment of the security enhancements. Seamless integration with the Tresys Brickwall Security Suite ensures protection for your entire computing environment.



Features	Express	Enterprise
SELinux-based protection for WebSphere servers	Application Server, Network Deployment, web servers	Application Server, Network Deployment, web servers
Configurable service-level file access	✓	✓
Configurable application network topology	✓	✓
Intuitive security settings (no SELinux expertise required)	✓	✓
Number of processors supported	Up to 2	any
Integration with Tresys enterprise manager		✓
Remote management and monitoring		✓

How Tresys Razor Works

Tresys Razor makes it possible to configure, change, and adapt SELinux to enforce application-specific security goals across many networked systems to create a cohesive, distributed, secure enterprise. With Tresys Razor integrated into an application, administrators can set familiar network and file configuration options that automatically result in security changes without SELinux expertise. Each process on each system is confined to the resources required to function properly. This makes privilege escalation much more difficult since an exploited vulnerability does not provide unlimited access to the attacked system, even if root privilege is obtained. Tresys Razor and SELinux allow your application to achieve unmatched security protection using the best operating system technology available.



About Tresys

Tresys provides security solutions that enable customers to achieve greater success by making information technology systems more secure. The combination of acclaimed research and development prowess and practical approach to security solutions has earned the company a distinct reputation in the security market. Tresys has successfully delivered products and services that meet and exceed the needs of the most sensitive security missions, including those at defense and intelligence agencies around the world. These proven accomplishments and a continuing pursuit of thought leadership are part of a strategy that is shifting the way governments and businesses approach sensitive security issues.

Headquartered in Columbia, Maryland, Tresys clients and partners include the U.S. U.K. and Australian Departments of Defense, IBM, General Dynamics, Red Hat and Cisco.

