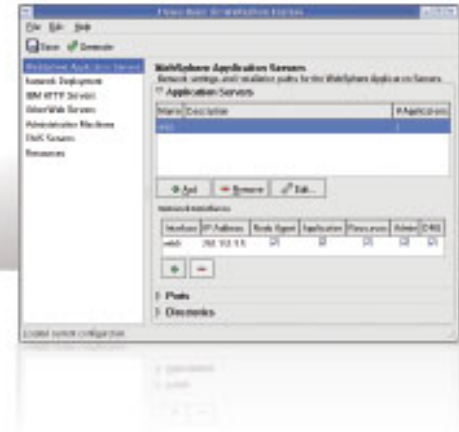




Razor™ for IBM DB2®

THE POWER OF SELINUX MADE EASY



Tresys Razor for IBM DB2 applies flexible mandatory access control to an enterprise database management system, hardening the underlying platform without impacting the functionality or administration

Tresys Razor for IBM DB2 provides a first-ever enterprise solution that uses powerful mandatory access control (MAC) security in a flexible and configurable way to secure a major database management system. While complex, the components of enterprise applications like DB2 interact in a predictable manner. Tresys worked with IBM to develop a strong SELinux foundation for IBM DB2 applications. The administrator specifies configuration items in familiar DB2 terms and Tresys Razor translates these into tightly confined SELinux policy for each component in the architecture.

Tresys Razor™ for IBM DB2

Express Edition

Complete protection for small DB2 solutions. The Express Edition builds a firewall around each process on IBM's DB2 Universal Database servers by confining access to files, shared memory, message queues, IP addresses, ports, and other system resources. This protects the DB2 server processes from vulnerabilities elsewhere on the system - even zero-day attacks.

Enterprise Edition

Complete protection with network management for small to large DB2 solutions. The Enterprise Edition provides the same SELinux-based protection for DB2 servers but supports large installations and provides remote management and deployment of the security enhancements. Seamless integration with the Brickwall Security Suite insures protection for your entire computing environment.

Ready for

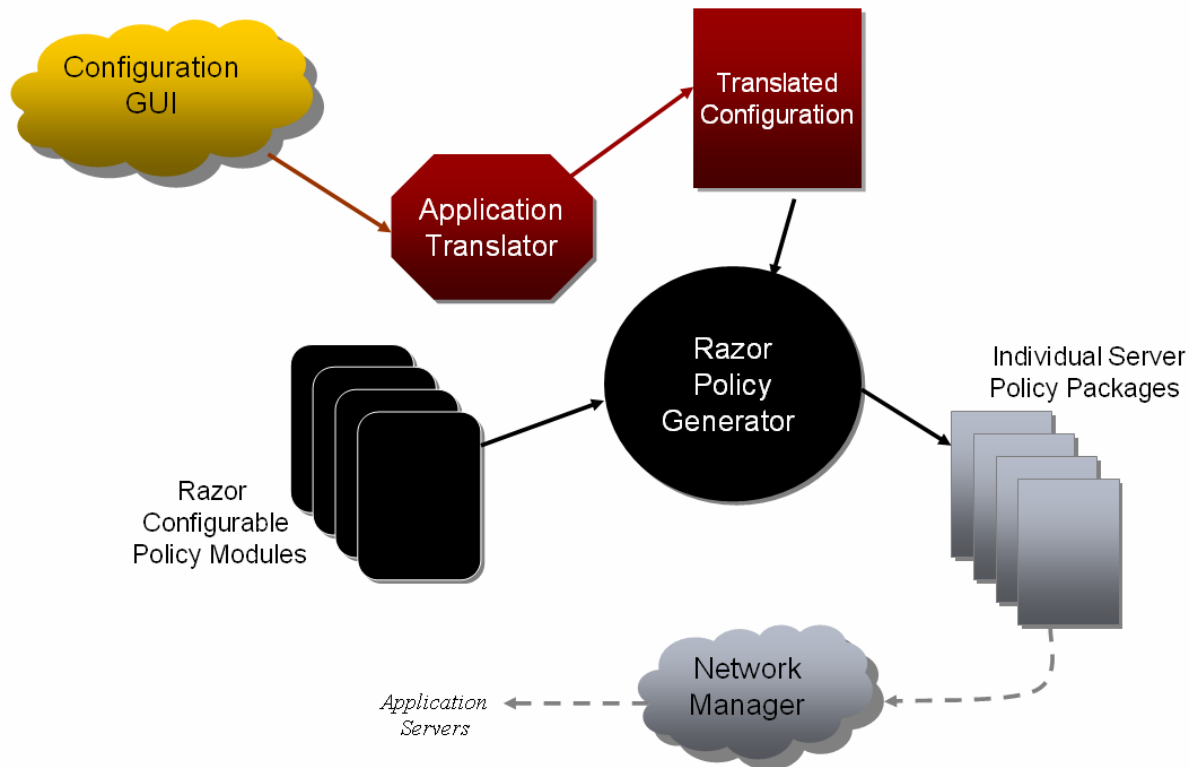
IBM DB2.

data server software

Features	Express	Enterprise
SELinux-based protection for DB2 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.

