

## IBM Tivoli Access Manager for e-business

*A centralized, flexible and scalable access control solution*




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### Autonomic Computing

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- **Helps provide a self-protecting environment through:**
  - **Using a single security policy server to enforce security across multiple file types, application providers, devices and protocols**
  - **Web single sign-on for maintaining password and user integrity**
  - **Robust auditing and information-gathering tools for discovering problems or potential problems**
- **Helps provide a self-optimizing environment through:**
  - **Load balancing and automated reflection of Web object spaces**
  - **Highly available and scalable architecture, based on open standards**

Many organizations use the public Internet and private intranets as tools for global communication. Electronic commerce, and by extension e-business, has become an essential component of many companies and their bottom line. To leverage this business opportunity for reducing costs and increasing revenue, companies need a proven access control solution that also integrates with other components of identity management.

An information access management solution, IBM® Tivoli® Access Manager for e-business can provide you with centralized Web and application security services and help you consistently implement and maintain corporate security policy. By providing centralized, flexible and scalable access control, it can help you build secure, well-managed, network-based applications based on a robust e-business security platform. Tivoli Access Manager for e-business can help you:

- **Speed deployment**—Separating security policy from application business logic allows application developers to focus on business logic and use standards-based calls to access world-class security functions. Tivoli Access Manager for e-business can dramatically accelerate application creation and deployment, and it supports J2EE™ container-based authorization.
- **Simplify administration**—With Tivoli Access Manager for e-business, a single administrator or team of delegated administrators can use a single consistent administrative tool, rather than having a number of departments use disparate tools that don't work together.
- **Optimize experience for Web users**—Tivoli Access Manager for e-business extends security from solely a protective role to an e-business driver. Web single sign-on capability addresses single-domain and multiple-domain single sign-on needs and complies with emerging Web services security standards.



### **Tivoli Access Manager for e-business capabilities**

Tivoli Access Manager for e-business has several capabilities that make it flexible, efficient and easy to operate:

- **Single comprehensive policy controls Web environment**—Delivers a security policy that is connected in realtime to the operational environment and helps control the security for that environment. Whether it's the protection of Web servers, application servers, key Web vendor applications or customized Java™ applications, Tivoli Access Manager for e-business provides a single policy that can address those environments consistently across your organization.
- **Defense-in-depth delivers a highly secure operational model**—Involves a security proxy as a primary architecture that runs in a “demilitarized zone,” separate from the Web and application servers it protects. This separation promotes defense-in-depth, wherein users are authenticated and their access to resources is authorized before they directly access critical backend resources.
- **High-performing, scalable solution**—Helps reduce complexity because of its security layer design, allowing Web and application servers to be dedicated to pure application use. Existing Tivoli Access Manager for e-business implementations support more than 1 million users, due to robust support for replication, load balancing and caching.
- **Support for other components of identity management**—Tivoli Access Manager for e-business is integrated with other key areas of identity management: identity federation\* (cross-enterprise identity mapping and provisioning), identity lifecycle management (user self-care, enrollment and provisioning), identity control (privacy management and auditing for sensitive information) and identity foundation (directory and workflow). A single security policy server can provide an integrated point of control to manage security across the Tivoli Access Manager family. This provides easy, centralized administration and consistent enforcement of security policies. This level of integration helps optimize costs and can provide a highly secure solution.

\*Sharing user authentication and attribute information between trusted Web services applications.

For more information on Tivoli Access Manager for e-business and integrated solutions from IBM, contact your IBM sales representative or visit [ibm.com/tivoli](http://ibm.com/tivoli)

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