

IBM Tivoli Access Manager for Operating Systems

Run business applications in a secure operating environment



Autonomic Computing

- **Self-protecting, predefined policies help maintain the integrity of the implementation**
- **Automated incident integration with IBM Tivoli Risk Manager**
- **Can tailor standardized sets of best-practices rules for a specific environment**

UNIX® operating systems (including Linux®) provide the basic operating environment for many of today's business-critical applications. Companies struggle to balance the requirements and costs of operating-system administration with maintaining a secure environment for applications and data. The UNIX administration model can create unique problems in controlling access, because advanced UNIX administration requires access to "super user" capabilities that also can be used to compromise the system.

IBM® Tivoli® Access Manager for Operating Systems provides a layer of access control to applications running on UNIX and Linux while complementing long-established administrative practices. It can help you:

- **Reduce risk**—Helps prevent unauthorized access to critical data without inhibiting normal "super user" administrative operations.
- **Make users more accountable**—Administrators and other users with privileged UNIX identities can continue to perform their duties as usual, while Tivoli Access Manager for Operating Systems helps prevent them from accidentally or deliberately violating the system. It also provides a unique audit trail for protected resources, tracking access by every user.
- **Reduce administrative overhead**—Maintaining efficient administrative practices and adequate security becomes more complicated and expensive with every added server or workstation. Tivoli Access Manager for Operating Systems provides a consistent security model across distributed and mainframe UNIX vendors with delegated administration.
- **Centralize your security policy**—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 across UNIX environments and other applications.



Tivoli Access Manager for Operating Systems capabilities

Tivoli Access Manager for Operating Systems has several capabilities that make it a flexible and efficient access control system that remains unobtrusive:

- **Complementary protection**—Access controls enforced by Tivoli Access Manager for Operating Systems apply to every user in the system, including the root user. At the same time, access is complementary to standard UNIX permissions. This lets Tivoli Access Manager for Operating Systems provide additional controls while still allowing the administrator to continue authorized actions under normal UNIX privileges.
- **Sophisticated audit**—Granular audit controls on protected resources allow detailed information on access attempts to be gathered. The Tivoli Access Manager for Operating Systems audit viewing tool can filter and format the output, such as extracting records by user and placing them in a comma-delimited file for reporting purposes. Optional integration with IBM Tivoli Enterprise Console® and Tivoli Risk Manager provides a centralized console view of audit events.

Tivoli Access Manager for Operating Systems also provides:

TCP port and IP address-based access control

Control and management of user login activity and policy

Password strength management

Web-based administration

Central policy management server

LDAP repository for user credentials

For more information on Tivoli Access Manager for Operating Systems and integrated solutions from IBM, contact your IBM sales representative or visit ibm.com/tivoli

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