IBM

Tivoli software

IBM Tivoli License Manager

Highlights

- ■ *Help reduce costs by optimizing software license usage*

- ■ *Strengthen software negotiation position with detailed license usage information*

- ■ *Help guard against penalties for exceeding software license agreements*

- ■ *Support a wide variety of software licensing models*

- ■ *Gather software usage information by individual, machine or division*

- ■ *Leverage flexible Web-based architecture for management and reporting*

- ■ *Delegate management tasks through role-based administration*

Help reduce costs through comprehensive software license management
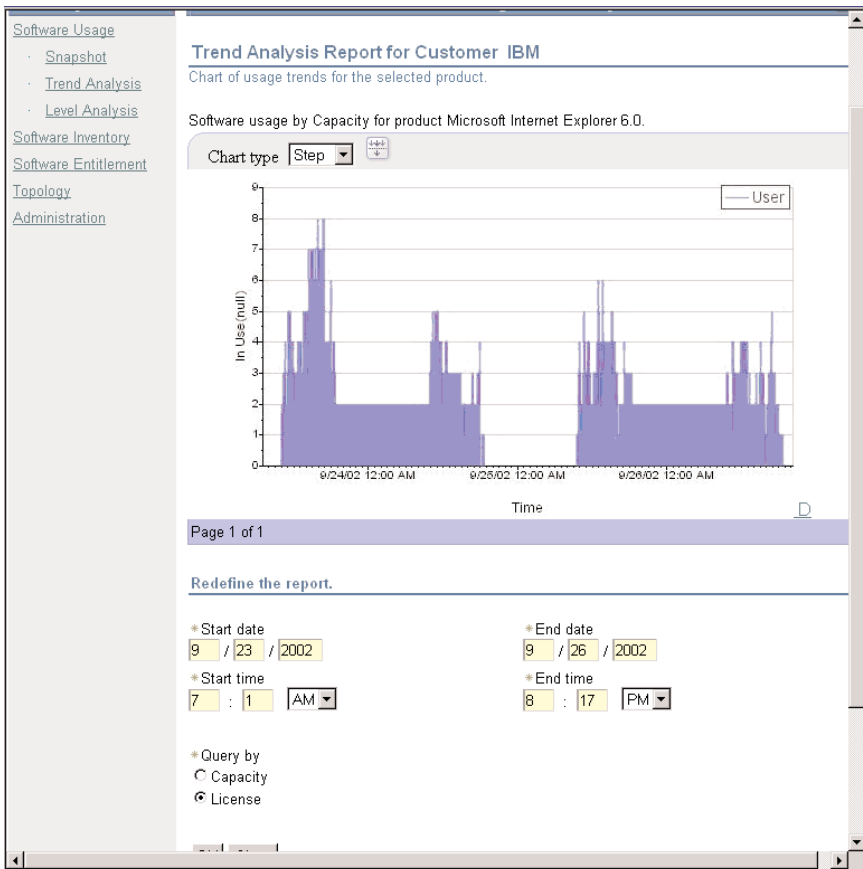
IBM® Tivoli® License Manager is a comprehensive software license management solution that can help your organization control costs by optimizing software license usage. Tivoli License Manager can help you verify that you are paying for only software that you actually use while guarding against penalties for exceeding software license agreements.

Tivoli License Manager provides on demand software usage information through a simple Web-based graphical user interface. By automating the data collection process and eliminating the need for manual tracking and spreadsheets, your license administrators can direct more time and resources to strategic planning and less to implementation. Regardless of the complexity of your organization, or the nuances of your various license agreements, Tivoli License Manager can track software installation and usage according to a variety of common, industry-standard licensing models.

Because Tivoli License Manager can help your procurement manager determine your organization's precise software usage requirements, you can strengthen your bargaining position during license renewal negotiations. Plus, by better targeting your future software expenses, your enterprise can benefit from increased productivity and efficiency.

Enable compliance through license pools

Tivoli License Manager can create license pools to help manage entitlements and "hard-stop" compliance of application usage. For example, if various divisions within your organization have contracts with a single software vendor, those contracts probably expire on varying dates. Tivoli License Manager can generate unique license pools to manage each contract separately. By enforcing license usage thresholds, the system can help you avoid exceeding the number of licenses specified in the pool. The administrator also can apply hard-stop application usage thresholds to prevent the launch of applications above the number specified in the respective license agreements.

Tivoli License Manager offers access to current and historical usage data through a Web-based GUI.

Support for a variety of license agreements

Tivoli License Manager supports a wide array of license agreements, ranging from the total number of installed copies to limiting memory allotments, concurrent usage or number of CPUs. The entitlement management functions of the system can accommodate most license models currently in use. Your license administrator simply defines the parameters of the license agreement while creating a license pool, then the system enforces those parameters throughout the business.

Web-based reporting and architecture

Through a simple Web-based graphical user interface, Tivoli License Manager offers access to almost-realtime and historical usage data. Reports can be organized by person, machine or corporate division and then can be output in XML format for external analysis. Additionally, it is possible to chart usage by application, allowing you to understand the true usage patterns of your enterprise and avoid over- or under-purchasing software packages.

Tivoli License Manager offers a scalable, three-tiered architecture comprised of administration servers, runtime servers and agents to collect, analyze, and report software license usage data. The components employ HTTP and HTTPS communication protocols for secure, nonproprietary transactions in multicustomer environments. Independent organizations, such as corporate divisions or subsidiaries, can be managed from a central administration point. Data storage and secure transmission is accomplished through a published data model utilizing the RDBMS model.

Through the intelligent self-update agent in the system, Tivoli License Manager eliminates the need for manual agent updates for each individual user. Instead, agent software and licensing instructions are updated automatically as newer versions or instructions become available. The intelligent agent also performs realtime metering and collects statistics on installed software through the runtime server, then stores the information in a database for on demand reporting.

Delegate management tasks through role-based administration

Because Tivoli License Manager provides role-based administration, delegation of common license management tasks can be simple and flexible. You can provide administration privileges, entitlement privileges or basic reporting privileges to any user in your organization, regardless of their location. With entitlement privileges, users can add, change or delete license pools according to contract updates, while basic reporting limits access to the viewing of usage reports. Tivoli License Manager also can be configured to send automatic e-mail notifications to your license administrator when software usage hits predetermined, configurable thresholds.

Integration

Because Tivoli License Manager is based on the industry-leading IBM WebSphere® infrastructure, it can be deployed or upgraded simultaneously across multiple applications. Additionally, your administrators can leverage their existing WebSphere knowledge to quickly integrate Tivoli License Manager and begin using the system rapidly. The system also integrates with IBM DB2® Enterprise Server and Tivoli Data Warehouse.

To learn more

For more information about Tivoli License Manager and integrated solutions from IBM, contact your IBM sales representative or visit **ibm.com/tivoli**/solutions/co

Tivoli software from IBM

An integral part of the comprehensive IBM e-business infrastructure solution, Tivoli technology management software helps traditional enterprises, emerging e-businesses and Internet businesses worldwide maximize their existing and future technology investments. Backed by world-class IBM services, support and research, Tivoli software provides a seamlessly integrated and flexible e-business infrastructure management solution that uses robust security to connect employees, business partners and customers.

IBM Tivoli License Manager at a glance

Hardware Requirements

For the administration and runtime servers:

Windows server
Intel® Pentium® IV 1.5 GHz, with 1 GB RAM and 10 GB available disk space

IBM AIX server
RS/6000 Model 7044/270, two processor IBM RISC 375, 1 GB RAM and 10 GB available disk space

For the agent:
Requires 1 MB available disk space for code and 10 MB for data

Software Requirements

Server platforms
The IBM Tivoli License Manager administration server, runtime server, and database for these servers are supported on the following platforms:
• Microsoft® Windows® 2000 server and advanced server
• Windows NT® 4 server
• IBM AIX® 4.3.3 and AIX 5.1

Agent-supported platforms
• Windows 2000 professional, server and advanced server
• Windows NT 4 workstation and server
• Windows 98 and Windows ME
• AIX 4.3.3 and AIX 5.1 (32 bit)
• Sun™ Solaris™ 7 and 8 (on Sun UltraSparc 64-bit architecture)

Software prerequisites for IBM Tivoli License Manager components
• Administration and runtime servers require IBM WebSphere Application Server Advanced Edition V3.5.6 or V 4.0.4
• Database for administration and runtime servers require IBM DB2 UDB Enterprise Edition V 7.2.5 (or 7.2 with fixpack 7)
• Web GUI requires Internet Explorer® V5.5 and later or Netscape® Navigator® V6.2 and later