IBM Tivoli Usage and Accounting Manager V6.1 and IBM Tivoli Usage and Accounting Manager for z/OS V6.1 help enable the broad adoption of virtualization and server consolidation

At a glance

IBM Tivoli Usage and Accounting Manager V6.1 and IBM Tivoli Usage and Accounting Manager for z/OS V6.1 are designed to:

- Collect and report usage data throughout the enterprise
- Bill the utilization and costs associated with many computing resources
- Help you manage and control IT costs
- Help you create an IT chargeback process

For ordering, contact:
Your IBM representative, an IBM Business Partner, or the Americas Call Centers at

800-IBM-CALL Reference: SE001

Overview

IBM Tivoli® Usage and Accounting Manager V6.1 and IBM Tivoli Usage and Accounting Manager V6.1 for z/OS® are powerful cost management tools designed to provide usage-based accounting and charging for IT system resources. It helps businesses determine their IT infrastructure costs with features designed to accurately measure, analyze, report, and bill the utilization and costs of computing resources such as servers, storage, networks, databases, messaging, and many other shared services. It is a cross platform product, especially of value to IT shops with multiprofile heterogeneous environments.

The usage data collected is organized and restructured as reporting information that helps you track and allocate resources. Chargeback, resource accounting, and shared services billing features are included.

IBM Tivoli Usage and Accounting Manager (TUAM) V6.1 collectors provide the detailed IT resource usage data. IBM Usage and Accounting Manager V6.1 offers data collectors for the AIX 5L™ (including support for AIX 5L V5.3 Advanced Accounting), RedHat Linux™, SUSE Linux, Windows™, Solaris, HP/UX, i5/OS, and VMware platforms.

The following additional advanced collectors are available for specific applications and environments such as databases and ERP applications:

- Collectors for Database Applications
  - DB2®, Oracle, MS SQL, Sybase
- Collectors for Internet Infrastructure
  - Apache, Squid, MSIIIS, Netscape
• Collectors for e-mail Applications
  – MS Exchange, sendMail
• Collectors for Network and Printing
  – Windows Print, Netbackup, Netflow, UNIX® ftp
• An Enterprise Collector pack that incorporates all of the above

IBM Usage and Accounting Manager V6.1 is sourced in part from IBM’s acquisition of CIMS Lab, Inc.

Key prerequisites

Refer to the Software requirements section.

Planned availability dates

• September 12, 2006: Electronic software delivery
• September 15, 2006: Media and documentation
IBM Tivoli Usage and Accounting Manager (TUAM) V6.1 and IBM Tivoli Usage and Accounting Manager V6.1 for z/OS are resource accounting products that enable you to track, manage, allocate, and bill for IT resources. TUAM assists with:

- Usage-based accounting and chargeback
- IT cost allocation and analysis
- Application allocation and availability
- Resource utilization and capacity reporting
- Easy reporting through Web interface

TUAM consolidates different types of usage metering data into an integrated reporting structure. TUAM can then generate reports, invoices, and summary files that show resource consumption and cost for the different functional units within an organization. This information is presented in Web, print, or file formats for easy availability.

IBM Tivoli Usage and Accounting Manager V6.1 collectors are the data collection agents that provide the usage data. Collectors are available for multiple platforms and different releases and are designed to consume minimal CPU and storage resources. IBM Tivoli Usage and Accounting Manager V6.1 collectors are targeted to support AIX 5L (including support for AIX® 5L V5.3 Advanced Accounting), RedHat Linux, SUSE Linux, Windows, Solaris, HP/UX, i5/OS, and VMware platforms.

TUAM V6.1 consists of multiple packages, a main package and multiple additional collector packages. The main TUAM V6.1 contains:

- Collectors: Collects information from Windows Disk Usage, Windows CPU Processor usage, VMware, UNIX/Linux Operating System and UNIX/Linux File System information.
- Windows Server: The Microsoft™ Windows-only central component, consisting of the following:
  - TUAM Administrator: This is a Visual Basic-based Windows administrator tool
  - TUAM Engine: Consists of many components including a batch processing facility called JobRunner that launches and controls the underlying processes that convert raw usage data into usable TUAM information. Also contains the main rules engine processing components and other data transformation tools.
  - TUAM Web Reporting: Reports directly from the MS SQL Server, Oracle or DB2 database using either Crystal Reports or MS Reporting Services as the underlying reporting engine and MS IIS as the Web server.
- UNIX and Linux server: The UNIX and Linux central component, consisting of the following:
  - TUAM Engine: Consists of many components including a batch processing facility that launches and controls the underlying processes that convert raw usage data into usable TUAM information. Also contains the main rules engine processing components and other data transformation tools.

The following additional advanced collectors are available for specific applications and environments such as databases and ERP applications:

- Databases
  - Windows: Oracle, DB2, MS SQL Server, Sybase
  - UNIX and Linux: Oracle, DB2 UDB
- Internet infrastructure
  - Windows: Apache, Squid, MSIIS, MSISA, MS Proxy, Netscape Proxy
  - UNIX and Linux: Apache
- E-mail
  - Windows: Exchange, Exchange Mailbox, SendMail, Lotus Notes®
• Network and printing
  – Windows: Windows Print, NetBackup, NetFlow
  – UNIX and Linux: FTP transfer usage
• Enterprise collector pack (all the above collectors)
• Custom data input from your resources or another vendor's platform

New in TUAM V6.1 are:

• Full collector support for AIX 5L and Linux running on POWER® hardware
• Remote installation of all remaining UNIX data collectors, where it makes sense
• Support for DB2 UDB V8.1 and later on current versions of UNIX/Linux
• Collector Support for AIX 5L V5.3 Advanced Accounting
• Support for 64-bit platforms for the Windows Process Collector
• Support for Linux on System z™

Migration Information: Tivoli Usage and Accounting Manager (TUAM)

Over time, you will be contacted by IBM to migrate your use entitlements from the offerings you acquired from CIMS Labs to the replacement offerings available through IBM. At that point, you will be presented with a quote and be presented the steps to follow to complete your migration. The table which follows provides a mapping. You must be current on maintenance to be eligible for migrations; if you are not current you will have to pay a get-current or maintenance reinstatement fee. You will need to accept the replacement products terms and conditions.

The conversion is for the same capacity as currently licensed when converted to the pricing metric announced for the replacement offering. Initial migration quotes will be generated using standard ratios, although you will be migrated to ensure that you are entitled to use the software on the same systems that you are currently managing by adjusting the license metric quantities where required. The following table has migration details:

<table>
<thead>
<tr>
<th>Current entitlement Description</th>
<th>Part</th>
<th>Replacement entitlement Description</th>
<th>Part</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIMS Data Collector for UNIX Server License (Server)</td>
<td>D5995LL</td>
<td>TUAM Server Lic SW Maint 12 Mb (server to 4 processors) and TUAM Enter Coll Pack Srv SW Maint</td>
<td>D59KFLL</td>
</tr>
<tr>
<td>CIMS Data Collector for UNIX Server Annual SW Maint RNWL (Server)</td>
<td>E02WFL</td>
<td>TUAM Server SW Maint RNWL (server to 4 processors) and TUAM Enter Coll Pack Srv SW Maint</td>
<td>E0316LL</td>
</tr>
<tr>
<td>CIMS Data Collector for UNIX Server Initial SW Maint 12 MO (Server)</td>
<td>D5996LL</td>
<td>TUAM Server SW Maint RNWL (server to 4 processors) and TUAM Enter Coll Pack Srv SW Maint</td>
<td>D59KELL</td>
</tr>
<tr>
<td>CIMS Server Managing Server License (Server)</td>
<td>D598XLL</td>
<td>TUAM Server Lic SW Maint 12 Mb (server to 4 processors) and TUAM Data Import Entitlement Admin Svr Lic SW Maint 12 Mb (per admin server)</td>
<td>D59K2LL</td>
</tr>
<tr>
<td></td>
<td>E02WFL</td>
<td>TUAM Server SW Maint</td>
<td>E0316LL</td>
</tr>
<tr>
<td>Serv</td>
<td>Annual SW Maint RNWL (Server)</td>
<td>Annual SW Maint RNWL (server to 4 processors) and TUAM Data Import Entitlement Admin Svr SW Maint Annual Renewal (per admin server)</td>
<td>E0310LL</td>
</tr>
<tr>
<td>-----</td>
<td>--------------------------------</td>
<td>-----------------------------------------------------------------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>CIMS Server Managing Server Initial SW Maint 12 Mo (Server)</td>
<td>D599YLL TUAM Server SW Maint Rinst 12 Mo (server to 4 processors) and TUAM Data Import Entitlement Admin Svr SW Maint Rinst 12 Mo (per admin server)</td>
<td>D59KELL</td>
<td></td>
</tr>
<tr>
<td>CIMS Server for UNIX Managing Server License (Server)</td>
<td>D5993LL TUAM Server Lic SW Maint 12 Mo (server to 4 processors) and TUAM Data Import Entitlement Admin Svr Lic SW Maint 12 Mo (per admin server)</td>
<td>D59KFLL</td>
<td></td>
</tr>
<tr>
<td>CIMS Server for UNIX Managing Server Annual SW Maint RNWL (Server)</td>
<td>E02W6LL TUAM Server SW Maint Annual RNWL (server to 4 processors) and TUAM Data Import Entitlement Admin Svr SW Maint Annual Renewal (per admin server)</td>
<td>E0316LL</td>
<td></td>
</tr>
<tr>
<td>CIMS Server for UNIX Managing Server Initial SW Maint 12 Mo (Server)</td>
<td>D5994LL TUAM Server SW Maint Rinst 12 Mo (server to 4 processors) and TUAM Data Import Entitlement Admin Svr SW Maint Rinst 12 Mo (per admin server)</td>
<td>D59KELL</td>
<td></td>
</tr>
<tr>
<td>CIMS Data Collector for UNIX Node License</td>
<td>D59D6LL TUAM Server Lic SW Maint 12 Mo (server to 4 processors) and TUAM Enter Coll Pack Srv SW Maint Annual RNWL</td>
<td>D59KFLL</td>
<td></td>
</tr>
<tr>
<td>CIMS Data Collector for UNIX Node Annual SW Maint RNWL</td>
<td>E02YGLL TUAM Server SW Maint Annual RNWL (server to 4 processors) and TUAM Enter Coll Pack Srv SW Maint Annual RNWL</td>
<td>E0316LL</td>
<td></td>
</tr>
<tr>
<td>CIMS Data Collector for UNIX Node Initial SW Maint 12 Mo</td>
<td>D59D7LL TUAM Server SW Maint Rinst 12 Mo (server to 4 processors) and TUAM Enter Coll Pack Srv SW Maint Annual RNWL</td>
<td>D59KELL</td>
<td></td>
</tr>
<tr>
<td>CIMS Data Collectors for Windows Server License</td>
<td>D59G8LL TUAM Server Lic SW Maint 12 Mo (server to 4 processors) and TUAM Enter Coll Pack Srv SW Maint Annual RNWL</td>
<td>D59KFLL</td>
<td></td>
</tr>
<tr>
<td>CIMS Data Collectors for Windows Server Annual SW Maint RNWL</td>
<td>E02ZELL TUAM Server SW Maint Annual RNWL (server to 4 processors) and TUAM Enter Coll Pack Srv SW Maint Annual RNWL</td>
<td>E0316LL</td>
<td></td>
</tr>
</tbody>
</table>
The following products will not be migrated to another product at this time.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIMS VSE Server License</td>
<td>D597YLL</td>
</tr>
<tr>
<td>CIMS VSE Server Annual SW Maint Rnwl</td>
<td>E02W9LL</td>
</tr>
<tr>
<td>CIMS VSE Server Initial SW Maint 12 Mb</td>
<td>D597ZLL</td>
</tr>
<tr>
<td>CIMS Capacity Planner MPS License</td>
<td>D5980LL</td>
</tr>
<tr>
<td>CIMS Capacity Planner MPS Annual SW Maint Rnwl</td>
<td>E02W9LL</td>
</tr>
<tr>
<td>CIMS Capacity Planner MPS Initial SW Maint 12 Mb</td>
<td>D597ZLL</td>
</tr>
<tr>
<td>CIMS Server for OpenVMS Server License</td>
<td>D599DLL</td>
</tr>
<tr>
<td>CIMS Server for OpenVMS Server Annual SW Maint Rnwl</td>
<td>E02W8LL</td>
</tr>
<tr>
<td>CIMS Server for OpenVMS Server Initial SW Maint 12 Mb</td>
<td>D599ELL</td>
</tr>
<tr>
<td>CIMS Desktop Copy License</td>
<td>D5999LL</td>
</tr>
<tr>
<td>CIMS Desktop Copy Annual SW Maint Rnwl</td>
<td>E02W8LL</td>
</tr>
<tr>
<td>CIMS Desktop Copy Initial SW Maint 12 Mb</td>
<td>D599ALL</td>
</tr>
<tr>
<td>CIMS Mainframe MIPS License</td>
<td>D598VLL</td>
</tr>
<tr>
<td>CIMS Mainframe MIPS Annual SW Maint Rnwl</td>
<td>E02V8LL</td>
</tr>
<tr>
<td>CIMS Mainframe MIPS Initial SW Maint 12 Mb</td>
<td>D598VLL</td>
</tr>
</tbody>
</table>

**Product positioning**

IBM Tivoli Usage and Accounting Manager (TUAM) is positioned for customers (CFOs, CIOs, CTOs, IT Platform Directors, Financial Analysts, and Asset Managers) that are:

- Adopting virtualization to control IT complexity and growth, sharing IT resources across multiple departments and processes
- Seeking to bill or charge business units or departments for their share of system use
- Needing to understand the usage of shared IT resources to:
  - Make better informed IT decisions (for example purchase versus outsource, hardware acquisition)
  - Track system utilization and bill departments for their use
  - Track, identify, and control IT costs to lower total cost of ownership

TUAM allows them to:

- Link IT expenditures to business value
- Accurately allocate cost across functions and departments
- Understand true IT costs resulting in better IT decisions
- Charge departments and functions accurately for their use of IT resources
- Quantify® the costs associated with Services in an SOA environment
TUAM provides detailed information about:

- Who is using which resources (including servers, storage, and middleware or applications)
- What are the true costs of these resources, including shared costs
- How IT costs should be allocated and billed

All offers are subject to availability. IBM reserves the right to alter product offerings and specifications at any time without notice. IBM is not responsible for photographic or typographic errors.

IBM makes no representation or warranty regarding third-party products or services.

**Trademarks**

AIX 5L, POWER, and System z are trademarks of International Business Machines Corporation in the United States or other countries or both.

Tivoli, z/OS, DB2, AIX, Lotus Notes, and Quantify are registered trademarks of International Business Machines Corporation in the United States or other countries or both.

Windows and Microsoft are trademarks of Microsoft Corporation.

UNIX is a registered trademark of the Open Company in the United States and other countries.

Linux is a trademark of Linus Torvalds in the United States, other countries or both.

Other company, product, and service names may be trademarks or service marks of others.

---

**Education support**

Comprehensive education for IBM Tivoli® products is offered through Worldwide Tivoli Education Delivery Services. A wide range of training options are available, including classes led by instructors, learning on demand, on-site training, and blended learning solutions.

For additional information, visit Web site


---

**Offering Information**

Product information is available via the Offering Information Web site


Also, visit the Passport Advantage® Web site


---

**Publications**

No publications are shipped with this product.

IBM Tivoli Usage and Accounting Manager documentation is included on the product media.

The IBM Publications Center


The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. Payment options for orders are via credit card (in the U.S.) or customer number for 20 countries. A large number of publications are available online in various file formats, and they can all be downloaded by all countries free of charge.
Technical information

Specified operating environment

Hardware requirements: The following hardware is recommended for the IBM Tivoli Usage and Accounting Manager V6.1 and IBM Tivoli Usage and Accounting Manager for z/OS® V6.1 database server and Web/reporting server.

- Single-core 3 GHz Intel® processor or 1.65 GHz IBM POWER5+™ processor for both servers
- 2 GB of free memory for both servers
- 80 GB hard drive space for database server
- 30 GB hard drive space for Web/reporting server

Software requirements: IBM Tivoli Usage and Accounting Manager V6.1 has server, client, and collector components. The following table identifies the platforms supported by each component.

<table>
<thead>
<tr>
<th>Platform</th>
<th>Server</th>
<th>Client</th>
<th>Collector</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM AIX(R) 5.1, 5.1.0.c</td>
<td>Partial</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>IBM AIX 5.2</td>
<td>Partial</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>IBM AIX 5.3</td>
<td>Partial</td>
<td>x</td>
<td>*</td>
</tr>
<tr>
<td>Sun Solaris V7, V8, V9, V10</td>
<td>Partial</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>HP-UX 10.20</td>
<td>Partial</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>HP-UX 11, 11i, 11.23 Itanium</td>
<td>Partial</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Windows(TM) 98</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Windows 2000 Pro</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Windows 2000 Server</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Windows 2000 Advanced Server</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Windows XP Professional -- x86</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Windows Server 2003 Standard Edition -- x86</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Windows Server 2003 Enterprise Edition -- x86</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Windows Server 2003 Datacenter Edition -- x86</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Windows Server 2003 Web Edition -- x86</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Windows Server 2003 Standard Edition -- x64</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Windows Server 2003 Enterprise Edition -- x64</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
</tbody>
</table>

IBM is a registered trademark of International Business Machines Corporation
<table>
<thead>
<tr>
<th>Operating System</th>
<th>Partial</th>
<th>x</th>
<th>x</th>
<th>x</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows Server 2003 Datacenter Edition - x64</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Windows Server 2003 Web Edition - x64</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>IBM i5/OS(TM) v5, V3, V4, V5, V6, and V7 via TDSz</td>
<td>x</td>
<td>vi</td>
<td>a</td>
<td>TDSz</td>
</tr>
<tr>
<td>Red Hat Enterprise Linux(TM) 3.0 -- x86</td>
<td>Partial</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Red Hat Enterprise Linux 4.0 -- x86</td>
<td>Partial</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Red Hat Enterprise Linux 3.0 -- AMD64 and EM64T</td>
<td>Partial</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Red Hat Enterprise Linux 4.0 -- AMD64 and EM64T</td>
<td>Partial</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Red Hat Enterprise Linux 3.0 -- System z(TM) (31 and 64 bit)</td>
<td>Partial</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Red Hat Enterprise Linux 4.0 -- System z (31 and 64 bit)</td>
<td>Partial</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Red Hat Enterprise Linux 3.0 -- Power PC(R)</td>
<td>Partial</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>SUSE Linux Enterprise Server 9.0 -- x86</td>
<td>Partial</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>SUSE Linux Enterprise Server 10.0 -- x86</td>
<td>Partial</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>SUSE Linux Enterprise Server 9.0 -- AMD64 and EM64T</td>
<td>Partial</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>SUSE Linux Enterprise Server 9.0 -- System z (31 and 64)</td>
<td>Partial</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>SUSE Linux Enterprise Server 9.0 -- Power PC</td>
<td>Partial</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>VMware ESX 2.5.x</td>
<td>Partial</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
</tbody>
</table>

IBM Tivoli Usage and Accounting Manager (TUAM) V6.1 Table Notes:
• Server denotes the Application Engine, Web Reporting, and TUAM Administrator
  – x, in the Server column denotes the Server, Web Reporting, and Application Engine will run on that platform
  – Partial, in the Server column denotes the Application Engine can run on that platform but the Reporting and TUAM Administrator do not
• Client denotes the TUAM Administrator only
• Collector denotes the TUAM resource usage collection process
  – x and *, in the Collector column denotes for AIX 5.3 with support for AIX Advanced Accounting
For all Client/Collector columns, x denotes the product component will support that platform
• TDSz denotes IBM Tivoli Decision Support for z/OS

The server component supports the following databases for reporting.
• DB/2 V8.1 and V8.2 (Windows, UNIX®, and Linux)
• MS SQL Server 2000 and MS SQL Server 2005
• Oracle 9i, Oracle 9i v2, Oracle 10 (Windows and UNIX)

Report generation requires that you have Crystal Reports or MS Reporting Services. IBM Tivoli Usage and Accounting Manager reports are from the chosen database using Crystal Reports or MS Reporting Services as the underlying reporting engine and MS IIS as the web server.

Updates to the platforms supported by IBM Tivoli Usage and Accounting Manager will be available at the following Web site


Limitations: The license for TUAM V6.1 limits data import to the UNIX, Linux, i5/OS, z/OS (via TDSz), Windows and VMware collector platforms listed in the Software requirements section.

For additional information, refer to usage restrictions in the Terms and conditions section of this announcement, or to the License Information Document that is available on the IBM Software License Agreement Web site


The current windows process collector in TUAM V5.1 only gathers process usage on 32-bit Windows platforms. When the process collector is run on a 64-bit Windows machine, any Windows process (like Notepad) that runs as a 64-bit application will not be tracked. The 32-bit applications running on the 64-bit Windows environment, will be tracked, though. TUAM 6.1 will add full support for tracking 64-bit processes. This could be a complicated or simple effort depending on the APIs, server documentation, platform availability, development tools, and testing.

IBM Tivoli Usage and Accounting Manager (TUAM) V6.1 Data

Per the terms of the license, TUAM users are only permitted to collect and import data from distributed server environments, System i™ environments and Linux on System z environments. Collection and importing of data from System z/z/OS environments, UNIX on System z environments and zAAPs (Java™) environments is not permitted. The license further restricts TUAM users from collecting data from data warehouses in any environment. Examples of such data warehouses include but are not limited to: IBM Tivoli Decision Support (TDS), IBM Tivoli Data Warehouse (TDW), Enterprise CA-MICS, CA-JARS, Enterprise HP Openview, Enterprise BMC Patrol Suite, PACE Komand, SAS IT Charge manager, Evident, and others. The user may collect data using the data collectors provided, or by creating data collectors using the tool set provided, as long as the environmental and data warehouse restrictions are adhered to. The user can purchase an expanded license that removes all license restrictions with the purchase of the IBM Tivoli Data Import Entitlement.

IBM Tivoli Usage and Accounting Manager (TUAM) for z/OS V6.1 Data

Per the terms of the license, TUAM for z/OS users are only permitted to collect and import data
from Tivoli Decision Support (TDS) and Linux on System z environments. Collection and
importing of data from distributed server environments and System i environments is not
permitted. The license further restricts TUAM for z/OS users from collecting data from data
warehouses other than TDS in any environment. Examples of such data warehouses include but
are not limited to: IBM Tivoli Data Warehouse (TDW), Enterprise CA-MICS, CA-JARS,
Enterprise HP Openview, Enterprise BMC Patrol Suite, PACE Komand, SAS IT Charge
manager, Evident, and others. The user may collect data using the data collectors provided, or
by creating data collectors using the tool set provided, as long as the environmental and data
warehouse restrictions are adhered to. The user can purchase an expanded license that
removes all license restrictions with the purchase of the TUAM for z/OS Data Import Entitlement.

For additional information refer to usage restrictions in the Terms and conditions section of this
announcement, or to the License Information Document that is available on the IBM Software
License Agreement Web site


Planning information
Software Maintenance, previously referred to as Software Subscription and Technical Support, is
included in the Passport Advantage Agreement. Installation and technical support is provided by
the Software Maintenance offering of the IBM International Passport Advantage Agreement. This
fee service enhances customer productivity, with voice and electronic access into IBM support
organizations.

Packaging: IBM Tivoli Usage and Accounting Manager V6.1 and IBM Tivoli Usage and
Accounting Manager for z/OS V6.1 are distributed with:

- International Program License Agreement (Z125-3301)
- License Information document
- Media

Security, auditability, and control
IBM Tivoli Usage and Accounting Manager V6.1 and IBM Tivoli Usage and Accounting Manager
for z/OS V6.1 use the security and auditability features of the operating system software.

The customer is responsible for evaluation, selection, and implementation of security features,
administrative procedures, and appropriate controls in application systems and communication
facilities.

Software Services
IBM Services has the breadth, depth, and reach to manage your services needs. You can
leverage the deep technical skills of our lab-based, software services team and the business
consulting, project management, and infrastructure expertise of our IBM Global Services team.
Also, we extend our IBM Software Services reach through IBM Business Partners to provide an
unmatched portfolio of capabilities. Together, we provide the global reach, intellectual capital,
industry insight, and technology leadership to support any critical business need.

Accelerate the success of your IBM software solution
IBM Software Services for Tivoli offers deep technical and business expertise. Consulting
services include planning and architecture, customization, best practices, integration, skills
transfer, service offerings, custom on-site training workshops and premium support. Our services
can help you achieve business results faster and gain efficiencies by doing more with less,
increasing efficiencies within existing resources, while reducing project risk. Rely on our
worldwide experience and unlock the power of a comprehensive set of business process
expertise, deep technical skills and a proven suite of services solutions.

For more information about specific service offerings and contacts, visit us at


To learn more about IBM Software Services or to contact a software services sales specialist,
visit

http://www.ibm.com/software/sw-services/
IBM Tivoli Enhanced Value-Based Pricing

IBM Tivoli software products are priced using IBM Tivoli's Enhanced Value-Based Pricing. The Enhanced Value-Based Pricing system is based upon the IBM Tivoli Environment-Managed Licensing Model, which uses a managed-environment approach — whereby price is determined by what is managed rather than the number and type of product components installed.

For example, all servers monitored with IBM Tivoli's monitoring product (IBM Tivoli Monitoring) require entitlements sufficient for those servers. Other IBM Tivoli products may manage clients, client devices, agents, network nodes, users, or other items, and are licensed and priced accordingly.

Unlike typical systems management licensing models that require entitlements of specific software components to specific systems, the IBM Tivoli Environment-Managed Licensing Model provides the customer flexibility to deploy its IBM Tivoli software products within its environment in a manner that can address and respond to the customer's evolving architecture. That is, as the architecture of a customer's environment changes, the customer's implementation of IBM Tivoli software can be altered as needed without affecting the customer's license requirements (as long as the customer does not exceed its entitlements to the software).

Under Enhanced Value-Based Pricing, licensing and pricing of server-oriented applications are determined based upon the server's use in the customer's environment. Typically, such applications are licensed and priced in a manner that corresponds to each installed and activated processor of the server managed by the IBM Tivoli application to help correlate price to value while offering a simple solution.

Where a server is physically partitioned, this approach is modified. This partitioning technique is the approach used with systems that have either multiple cards or multiple frames, each of which can be configured independently. For servers capable of physical partitioning (for example, IBM's pSeries® Scalable POWERparallel® Systems servers, Sun Ultra servers, and HP Superdome servers), an entitlement is required for each processor in the physical partition being managed by the IBM Tivoli application. For example, assume that a server has 24 processors installed in aggregate. If this server is not partitioned, entitlements are required for all 24 processors. If, however, it is physically partitioned into three partitions each containing eight processors, and Tivoli products were managing only one of the three partitions, then entitlements would be required for the eight processors on the physical partition managed by the IBM Tivoli application.

For servers with virtual or logical partitions, entitlements are required for all installed and activated processors on the server. For each IBM Tivoli application managing a clustered environment, licensing is based on the cumulative number of installed and activated processors on each server in the cluster for each IBM Tivoli application managing the cluster. Where the cluster includes physically partitioned servers, the considerations described above concerning physically partitioned servers apply as well.

Enhanced Value-Based Pricing recognizes the convergence of RISC/UNIX and Microsoft™ Windows/Intel technologies, in order to simplify the customer's licensing requirements, and to provide a smoother, more scalable model. Pricing and licensing does not differentiate between non-zSeries® server platforms or operating systems. For some products, this platform neutrality extends to zSeries and other host servers as well.

IBM Tivoli Enhanced Value-Based Pricing terminology definitions: Client device or client

A client device is a computer system that requests the execution of a set of commands, procedures, or applications from another computer system that is typically referred to as a server. Multiple client devices may share access to a common server. A client device generally has some processing capability or is programmable to allow a user to do work. Examples include, but are not limited to, notebook computers, desktop computers, desk side computers, technical workstations, appliances, personal digital assistants, automated teller machines, point-of-sale terminals, tills and cash registers, and kiosks.

Engine

An engine is also referred to as a central processor (CP) or processor. Engines for traditional workloads are called General Purpose CPs. Engines for Linux workloads are called Integrated Facility for Linux (IFL) engines or Linux-only engines. Engines for Coupling Facility workloads are called Integrated Coupling Facility (ICF) engines.
Enterprise
A person or single entity and the subsidiaries owned by more than 50%.

IBM Integrated Facility for Linux (IFL)
This optional facility enables additional processing capacity exclusively for Linux workload, with no effect on the model designation of a zSeries or OS/390® server. Consequently, executing Linux workload on the IBM Integrated Facility for Linux will not, in most cases, result in any increased IBM software charges for z/OS, OS/390, VM, VSE, or TPF operating systems/applications. There is, as indicated, a charge associated with the IFL, and there may also be a charge for applications that run on the IFL.

The IFL may be dedicated to a single Linux-mode logical partition or it may be shared by multiple Linux-mode logical partitions. Installations should note that the Linux workspace enabled by this facility will not support any of the S/390® traditional operating systems (OS/390, TPF, VSE, or VM). Only Linux applications or Linux operating in conjunction with the Virtual Image Facility™, an environment that operates within a logical partition or in native S/390 mode and provides the capability to create multiple Linux images, are supported by the IBM S/390 Integrated Facility for Linux.

Managed Processor (Charging under full capacity in the "Managed Environment")
Charges are based on the active processors on the machines in the computing environment affiliated with the program rather than on the server where the program is run. The managed processors which require Proofs of Entitlement (PoE) are defined in the Prices section of the announcement or in the License Information’s program unique terms.

Notes:
1. IBM defines a physical processor in a computer as a functional unit that interprets and executes instructions. A physical processor consists of at least an instruction control unit and one or more arithmetic and logic units.
2. Multicore technology allows two or more processors (commonly called "cores") to be active on a single silicon chip. With multicore technology, IBM considers each core to be a physical processor. For example, in a dual-core chip, there are two physical processors residing on the single silicon chip.
3. The program may not run on some or all of the processors for which PoEs are required for the program’s valuation method.
4. In the IBM eServer® zSeries IFL environment, each IFL engine is considered a single physical processor.
5. Threading, a technique that makes a single processor seem to perform as two or more, does not affect the count of physical processors.
6. Where blade technology is employed, each blade is considered a separate server and charging is based upon the total number of processors on the blades with which the program is affiliated.
7. Not all processors require the same number of Value Unit entitlements. To determine the number of Value Unit entitlements required, refer to the processor value unit conversion table on the Passport Advantage Web site.

Millions of Service Units (MSU)
An MSU is defined as millions of Central Processing Unit (CPU) service units per hour; the measure of capacity used to describe the computing power of the hardware processors on which S/390 or zSeries software runs. Processor MSU values are determined by the hardware vendor, IBM, or Software Compatible Vendors (SCVs).

For more detailed information about zSeries software pricing, go to


Network Node or Node
Network Nodes include routers, switches, hubs, and bridges that contain a network management agent. A single Network Node may contain any number of interfaces or ports.

Partitions
A server's resources (CPU, memory, I/O, interconnects and buses) may be divided according to the needs of the applications running on the server. This partitioning can be implemented with physical boundaries (Physical Partitions) or logical boundaries (Logical Partitions).

Physical Partitions are defined by a collection of processors dedicated to a workload and can be used with systems that have either multiple cards or multiple frames, each of which can be configured independently. In this method, the partitions are divided along hardware boundaries and processors, and the I/O boards, memory, and interconnects are not shared.

Logical Partitions are defined by software rather than hardware and allocate a pool of processing resources to a collection of workloads. These partitions, while separated by software boundaries, share hardware components and run in one or more physical partitions.

Port
A port is the physical connection between a device and the network.

Processor ("Per Processor" charging under full capacity)
In full capacity charging, proof of entitlements must be acquired for all activated "processors" (available for use) that are on the server where the program or a component of the program is run.

Notes
1. IBM defines a physical processor in a computer as a functional unit that interprets and executes instructions. A physical processor consists of at least an instruction control unit and one or more arithmetic and logic units.
2. Multicore technology allows two or more processors (commonly called "cores") to be active on a single silicon chip. With multicore technology, IBM considers each core to be a physical processor. For example, in a dual-core chip, there are two physical processors residing on the single silicon chip.
3. In the IBM eServer zSeries IFL environment, each IFL engine is considered a single physical processor.
4. Threading, a technique that makes a single processor seem to perform as two or more, does not affect the count of physical processors.
5. Where blade technology is employed, each blade is considered a separate server and charging is based upon the total number of processors on the blade on which the program is run.
6. When a server is shipped with six processors, but two of them are inactive, four processors are active for the customer.
7. Not all processors require the same number of Value Unit entitlements. To determine the number of Value Unit entitlements required, refer to the processor value unit conversion table on the Passport Advantage Web site.

Server
A server is a computer system that executes requested procedures, commands, or applications to one or more clients and/or other devices over a network. Examples include, but are not limited to, file servers, print servers, mail servers, database servers, application servers, and Web servers.

Standby or backup systems
For programs running or resident on backup machines, IBM defines three types of situations: cold, warm, and hot. In the cold and warm situations, a separate entitlement for the copy on the backup machine is normally not required and typically no additional charge applies. In a hot backup situation, the customer needs to acquire another license or entitlement sufficient for that server. All programs running in backup mode must be solely under the customer's control, even if they are running at another enterprise's location.

As a practice, the following are definitions and allowable actions concerning the copy of the program used for backup purposes:

Cold — A copy of the program may reside, for backup purposes, on a machine as long as the program is not started. There is no additional charge for this copy.

Warm — A copy of the program may reside for backup purposes on a machine and is started, but is idling, and is not doing any work of any kind. There is no additional charge for this copy.
Hot — A copy of the program may reside for backup purposes on a machine, is started, and is
doing work. The customer must acquire a license or entitlement for this copy and there will
generally be an additional charge.

Doing work, includes, for example, production, development, program maintenance, and testing.
It also could include other activities such as mirroring of transactions, updating of files,
synchronization of programs, data or other resources (for example, active linking with another
machine, program, database, or other resource, and so on), or any activity or configurations that
would allow an active hot switch or other synchronized switch over between programs,
databases, or other resources to occur.

In the case of a program or system configuration that is designed to support a high availability
environment by using various techniques (for example, duplexing, mirroring of files or
transactions, maintaining a "heartbeat," active linking with another machine, program, database,
or other resource, and so on), the program is considered to be doing work in the hot situation
and a license or entitlement must be purchased.

Value Units
A Value Unit is a pricing charge metric for program license entitlements which is based upon the
quantity of a specific designated measurement used for a given program. Each program has a
designated measurement. The most commonly used designated measurements are processor
cores, MSU's and servers. However, for select programs, there are other designated
measurements such as users, client devices, and messages. The number of Value Unit
entitlements required for your specific implementation of the given program must be obtained
from a conversion table associated with the program. You must obtain a PoE for the appropriate
number of Value Unit entitlements for your implementation. The Value Unit entitlements of a
given program cannot be exchanged, interchanged, or aggregated with Value Unit entitlements
of another program.

Product Web site
A complete list of IBM Tivoli products is available at Web site

http://www.ibm.com/software/tivoli

Licensing Web site
IBM Tivoli product licensing documents are available at Web site


Passport Advantage: Through the Passport Advantage Agreement, customers may receive
discounted pricing based on their total volume of eligible products, across all IBM brands,
acquired worldwide. The volume is measured by determining the total "Passport Advantage
points value" of the applicable acquisition. Passport Advantage points are only used for
calculating the entitled Passport Advantage discount.

To determine the required Tivoli product configuration under Passport Advantage, the Tivoli
Enhanced Value-Based Pricing Model applies. The customer's environment is evaluated on a
per-product basis.

Use the following two-step process to determine the total "Passport Advantage points value:"

1. Analyze the customer environment to determine the number of Tivoli Management Points or
other charge unit for a product. The quantity of each product's part number to be ordered is
determined by that analysis.

2. Order the Passport Advantage part number. A Passport Advantage point value, which is the
same worldwide for a specific part number regardless of where the order is placed, is
assigned to each Tivoli product part number. The Passport Advantage point value for the
applicable part number multiplied by the quantity for that part number will determine the
Passport Advantage points for that Tivoli product part number. The sum of these Passport
Advantage points determines the "Passport Advantage point value" of the applicable Tivoli
product authorizations which then may be aggregated with the point value of other applicable
Passport Advantage product acquisitions to determine the total "Passport Advantage points
value."

The discounted pricing available through Passport Advantage is expressed in the form of
Suggested Volume Prices (SVPs), which vary depending on the SVP level. Each SVP level is
assigned a minimum total Passport Advantage point value, which must be achieved, in order to
qualify for that SVP level.
Media packs and documentation packs do not carry Passport Advantage points and are not eligible for SVP discounting.

For additional information on Passport Advantage, refer to the following Web site

http://www.ibm.com/software/passportadvantage

The following Passport Advantage part number categories may be orderable:

- License and Software Maintenance 12 Months — this is the product authorization with maintenance to the first anniversary date.
- Annual Software Maintenance Renewal — this is the maintenance renewal for one anniversary that applies when a customer renews their existing coverage period prior to the anniversary date at which it expires.
- Software Maintenance Reinstatement 12 Months — this is for customers who have allowed their Software Maintenance to expire, and later wish to reinstate their Software Maintenance.
- Media packs — these are the physical media, such as CD-ROMs, that deliver the product's code.
- Documentation packs — these contain printed documentation such as the User's Guide and Release Notes®.
- Custom Build Registration — this is used with products that have an IBM zSeries component. Ordering this part number results in a process to enable the customer to receive the zSeries code via the z/OS Customized Offerings packaging techniques, that is, ServerPac, SystemPac®, or the Custom Build Product Delivery Option (CBPDO).

Pricing examples

**IBM Tivoli Usage and Accounting Manager V6.1:** If the customer's managed environment includes:

- 20 Uniprocessor servers
- 25 2-way servers
- 12 4-way servers
- 10 8-way servers
- 4 16-way servers

A license is required for each server containing 4 processors or less which is managed by the program. For servers containing greater than 4 processors, a license is required for each 4 processors. IBM Tivoli Usage and Accounting Manager is licensed by Managed Server. The customer will require the following entitlements:

<table>
<thead>
<tr>
<th>System managed</th>
<th>Quantity in customer environment</th>
<th>Server entitlements required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uni processor</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>2-way</td>
<td>25</td>
<td>25</td>
</tr>
<tr>
<td>4-way</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>8-way</td>
<td>10</td>
<td>20</td>
</tr>
<tr>
<td>16-way</td>
<td>4</td>
<td>16</td>
</tr>
<tr>
<td>Total server entitlements</td>
<td></td>
<td>93</td>
</tr>
</tbody>
</table>

**IBM Tivoli Usage and Accounting Collector Pack for Databases, IBM Tivoli Usage and Accounting Collector Pack for Internet Infrastructure, IBM Tivoli Usage and Accounting Collector Pack for e-Mail, and IBM Tivoli Usage and Accounting Collector Pack for Network and Printing**

A license is required for each server, regardless of number of processors, which is managed by the program. IBM Tivoli Usage and Accounting Collector Packs are licensed by Managed Server. The customer will require the following entitlements:

<table>
<thead>
<tr>
<th>Quantity in server</th>
<th>Server entitlements</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

IBM United States Announcement 206-215 IBM is a registered trademark of International Business Machines Corporation 16
<table>
<thead>
<tr>
<th>System</th>
<th>Customer Entitlements Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uni-processor</td>
<td>20</td>
</tr>
<tr>
<td>2-way</td>
<td>25</td>
</tr>
<tr>
<td>4-way</td>
<td>12</td>
</tr>
<tr>
<td>8-way</td>
<td>10</td>
</tr>
<tr>
<td>16-way</td>
<td>4</td>
</tr>
<tr>
<td>Total server</td>
<td>71</td>
</tr>
</tbody>
</table>

**IBM Tivoli Usage and Accounting Manager Data Import Entitlement**

A license is required for each server, regardless of the number of processors, which deploys the Administrative Server component provided with the IBM Tivoli Usage and Accounting Manager. The administrative servers (where the Administrative Server component of IBM Tivoli Usage and Accounting Manager code is running) is the server to which the per-server licensing applies and is an exception to the Tivoli Environment-Managed model.

If the customer configures the administrative server component of IBM Tivoli Usage and Accounting Manager to run on one of their 2-way servers, the customer will require the following entitlements:

<table>
<thead>
<tr>
<th>Managing System</th>
<th>Quantity in Customer Environment</th>
<th>Server Entitlements Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-way (managing server)</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Total server entitlements</td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

**IBM Tivoli Usage and Accounting Manager for z/OS V6.1**

A license is required for each server which deploys any or all of the components provided with the IBM Tivoli Usage and Accounting Manager for z/OS. The managing server (where the IBM Tivoli Usage and Accounting Manager for z/OS code is running) is the server to which the per-server licensing applies and is an exception to the Tivoli Environment-Managed model.

If the customer manages the usage and chargeback functions on one of their 2-way servers, the customer will require the following entitlements:

<table>
<thead>
<tr>
<th>Managing System</th>
<th>Quantity in Customer Environment</th>
<th>Server Entitlements Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-way (managing server)</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Total server entitlements</td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

**Ordering Information**

This product is only available via Passport Advantage. It is not available as shrinkwrap.

**Product Information**

<table>
<thead>
<tr>
<th>License Function Title</th>
<th>Product Group</th>
<th>Product Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM Tivoli Collector Pack for Databases</td>
<td>Configurations And Operations</td>
<td>Tivoli Previous C O Offerings</td>
</tr>
<tr>
<td>IBM Tivoli Collector Pack for Internet</td>
<td>Configurations And Operations</td>
<td>Tivoli Previous C O Offerings</td>
</tr>
<tr>
<td>IBM Tivoli Collector Pack for Network Infrastructure</td>
<td>Configurations And Operations</td>
<td>Tivoli Previous C O Offerings</td>
</tr>
<tr>
<td>IBM Tivoli Collector Pack for Printing</td>
<td>Configurations And Operations</td>
<td>Tivoli Previous C O Offerings</td>
</tr>
<tr>
<td>IBM Tivoli Collector Pack for e-Mail</td>
<td>Configurations And Operations</td>
<td>Tivoli Previous C O Offerings</td>
</tr>
</tbody>
</table>
Program PID Charge unit
name number description

IBM Tivoli Usage and Accounting 5724-O33 Server
Collector Pack for Databases
IBM Tivoli Usage and Accounting 5724-O33 Server
Collector Pack for Internet Infrastructure
IBM Tivoli Usage and Accounting 5724-O33 Server
Collector Pack for Network Printing
IBM Tivoli Usage and Accounting 5724-O33 Server
Collector Pack for e-Mail
IBM Tivoli Usage and Accounting 5724-O33 Server
Enterprise Collector Pack
IBM Tivoli Usage and Accounting 5724-O33 Server
Manager up to 4 Processors
IBM Tivoli Usage and Accounting 5724-O33 Server
Manager
IBM Tivoli Usage and Accounting 5724-O33 Server
Manager for z/OS
IBM Tivoli Usage and Accounting 5724-O33 Server
Manager for z/OS

Charge metrics definitions

Server

A server is a computer system that executes requested procedures, commands, or applications to one or more user and/or client devices over a network. A Proof of Entitlement (PoE) must be obtained for each server on which the program or a component of the program is run or for each server managed by the program. Where "blade" technology is employed, each "blade" is considered a separate server.

Passport Advantage customer: Media pack entitlement details

Customers with active maintenance or subscription for the products listed below are entitled to receive the corresponding media pack.

IBM Tivoli Usage and Accounting Manager V6.1.0

Entitled maintenance offerings description Media packs Part description number
IBM Tivoli Usage and Accounting Manager Administration Server IBM Tivoli Usage and Accounting Manager V6.1.0 Media Pack CDROM Multilingual
IBM Tivoli Usage and Accounting Manager Server up to 4 Processors IBM Tivoli Usage and Accounting Manager V6.1.0 Media Pack CDROM Multilingual

IBM Tivoli Usage and Accounting Manager for z/OS V6.1.0

Entitled maintenance offerings description Media packs Part description number
IBM Tivoli Usage and Accounting Manager for z/OS Server IBM Tivoli Usage and Accounting Manager for z/OS V6.1.0 Media Pack CD ROM Multilingual
IBM Tivoli Usage and Accounting Collector Pack for Databases V6.1.0

Entitled maintenance offerings
description
IBM Tivoli Usage and Accounting Collector Pack for Databases V6.1.0 Media Pack CD ROM Multilingual

IBM Tivoli Usage and Accounting Collector Pack for Internet Infrastructure V6.1.0

Entitled maintenance offerings
description
IBM Tivoli Usage and Accounting Collector Pack for Internet Infrastructure Server V6.1.0 Media Pack CD ROM Multilingual

IBM Tivoli Usage and Accounting Collector Pack for e-Mail V6.1.0

Entitled maintenance offerings
description
IBM Tivoli Usage and Accounting Collector Pack for e-Mail Server V6.1.0 Media Pack CD ROM Multilingual

IBM Tivoli Usage and Accounting Collector Pack for Network and Printing V6.1.0

Entitled maintenance offerings
description
IBM Tivoli Usage and Accounting Collector Pack for Network and Printing Server V6.1.0 Media Pack CD ROM Multilingual

IBM Tivoli Usage and Accounting Enterprise Collector Pack V6.1.0

Entitled maintenance offerings
description
IBM Tivoli Usage and Accounting Enterprise Collector Pack Server V6.1.0 Media Pack CD ROM Multilingual

New licensees: Orders for new licenses will be accepted now.

Shipment will begin on the planned availability date.

Basic license

Ordering information for Passport Advantage: Passport Advantage allows you to have a common anniversary date for Software Maintenance renewals, which can simplify management and budgeting for eligible new versions and releases (and related technical support) for your
covered products. The anniversary date, established at the start of your Passport Advantage Agreement, will remain unchanged while your Passport Advantage Agreement remains in effect. New software purchases will initially include twelve full months of maintenance coverage. Maintenance in the second year (the first year of renewal) can be prorated to be coterminous with your common anniversary date. Thereafter, all software maintenance will renew at the common anniversary date and include twelve full months of maintenance.

Refer to the IBM International Passport Advantage Agreement and to the IBM Software Maintenance Handbook for specific terms relating to, and a more complete description of, technical support provided through Software Maintenance.

The quantity to be specified for the Passport Advantage part numbers in the following table is per managed server for 4 core processors, per server, or per administrative server. To order for Passport Advantage, specify the desired part number and quantity.

**Passport Advantage program licenses**

**Tivoli Usage and Accounting Manager**

<table>
<thead>
<tr>
<th>Part description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM Tivoli Usage and Accounting Collector Pack for e-Mail</td>
<td>D59KQLL</td>
</tr>
<tr>
<td>IBM Tivoli Usage Acctg Coll Pack e-Mail Server Lic SW Maint 12 Mo</td>
<td>D59KQLL</td>
</tr>
<tr>
<td>IBM Tivoli Usage Acctg Coll Pack e-Mail Server SW Maint Annual Renewal</td>
<td>E0315LL</td>
</tr>
<tr>
<td>TUAM Coll Pack e-mail Server SW Maintenance Reinstatement 12 Months</td>
<td>D59KCLL</td>
</tr>
</tbody>
</table>

**Tivoli Usage and Accounting Manager**

<table>
<thead>
<tr>
<th>Part description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM Tivoli Usage and Accounting Collector Pack for Databases</td>
<td>E0312LL</td>
</tr>
<tr>
<td>IBM TUA Coll Pack Databases V6.1 Srvt SW Maint Annual Renewal</td>
<td>E0312LL</td>
</tr>
<tr>
<td>IBM TUA Coll Pack Databases V6.1 Srvt SW Maint Reinstatement 12</td>
<td>D59K7LL</td>
</tr>
<tr>
<td>Part description</td>
<td>Part number</td>
</tr>
<tr>
<td>------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>IBM Tivoli Usage and Accounting Manager for Databases</td>
<td>D59K4LL</td>
</tr>
<tr>
<td>V6.1 Srv Lic SW Maint 12 Mos</td>
<td></td>
</tr>
</tbody>
</table>

**Tivoli Usage and Accounting Manager**

<table>
<thead>
<tr>
<th>Part description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM Tivoli Usage and Accounting Collector Pack for Internet Infrastructure</td>
<td>D59KGLL</td>
</tr>
<tr>
<td>IBM Tivoli Usage and Accounting Collector Pack for Internet Infrastructure Srv Lic SW Maint 12 Mos</td>
<td>D59KGLL</td>
</tr>
<tr>
<td>IBM Tivoli Usage and Accounting Collector Pack for Internet Infrastructure Srv SW Maint Annual Renewal</td>
<td>E0317LL</td>
</tr>
<tr>
<td>IBM Tivoli Usage and Accounting Collector Pack for Internet Infrastructure Srv SW Maint Reinstate 12 Mos</td>
<td>D59KHLL</td>
</tr>
</tbody>
</table>

**Tivoli Usage and Accounting Manager**

<table>
<thead>
<tr>
<th>Part description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM Tivoli Usage and Accounting Enterprise Collector Pack</td>
<td>D59KLLL</td>
</tr>
<tr>
<td>IBM Tivoli Usage Acctg Enter Coll Pac Srv SW Maint Reinstatement 12 M</td>
<td>D59KLLL</td>
</tr>
<tr>
<td>IBM Tivoli Usage Acctg Enter Coll Pack Srv Lic SW Maint 12 Mos</td>
<td>D59KLLL</td>
</tr>
<tr>
<td>IBM Tivoli Usage Acctg Enter Coll Pack Srv SW Maint Annual Renewal</td>
<td>E0319LL</td>
</tr>
</tbody>
</table>

**Tivoli Usage and Accounting Manager**

<table>
<thead>
<tr>
<th>Part description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM Tivoli Usage and Accounting Collector Pack for Network Printing</td>
<td>D59KLL</td>
</tr>
<tr>
<td>IBM Tivoli Usage Acctg Enter Coll Pack Srv Lic SW Maint 12 Mos</td>
<td>D59KLL</td>
</tr>
<tr>
<td>IBM Tivoli Usage Acctg Enter Coll Pack Srv SW Maint Annual Renewal</td>
<td>E0318LL</td>
</tr>
<tr>
<td>IBM Tivoli Usage Acctg Enter Coll Pack Srv SW Maint Reinstate 12 Mos</td>
<td>D59KJLL</td>
</tr>
</tbody>
</table>

**Tivoli Usage and Accounting Manager**

<table>
<thead>
<tr>
<th>Part description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM Tivoli Usage and Accounting Manager for z/OS</td>
<td>E031DLL</td>
</tr>
<tr>
<td>IBM Tivoli Usage Acctg Mgr Data Import Entitlement Admin Server SW Maint Annual Renewal</td>
<td>E031DLL</td>
</tr>
<tr>
<td>IBM Tivoli Usage Acctg Mgr for Data Import Entitlement z/OS Admin Server Lic SW Maint 12 Mo</td>
<td>D59KSSL</td>
</tr>
<tr>
<td>IBM Tivoli Usage Acctg Mgr for</td>
<td>D59KSSL</td>
</tr>
</tbody>
</table>
To order a media pack for Passport Advantage, specify the part number in the desired quantity from the following table:

<table>
<thead>
<tr>
<th>Description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM Tivoli Usage and Accounting Manager v6.1.0 CD Media Pack, Multilingual</td>
<td>BJ0I UML</td>
</tr>
<tr>
<td>Tivoli Usage Acctg Coll Pack Internet Infrastr V6.1.0 CD Media Pack, ML</td>
<td>BJ0I ZML</td>
</tr>
<tr>
<td>Tivoli Usage Acctg Coll Pack for Databases V6.1.0 CD Media Pack, ML</td>
<td>BJ0I 1ML</td>
</tr>
<tr>
<td>Tivoli Usage Acctg Coll Pack for Network Print V6.1.0 CD Media Pack, ML</td>
<td>BJ0I XML</td>
</tr>
<tr>
<td>Tivoli Usage Acctg Coll Pack for e-Mail V6.1.0 CD Media Pack, ML</td>
<td>BJ0I VML</td>
</tr>
<tr>
<td>Tivoli Usage Acctg Enterprise Coll Pack V6.1.0 CD Media Pack, ML</td>
<td>BJ0I VML</td>
</tr>
<tr>
<td>IBM Tivoli Usage and Accounting Manager for z/OS V6.1.0 CD Media Pack, Multilingual</td>
<td>BJ0I YML</td>
</tr>
</tbody>
</table>

Tivoli Usage and Accounting Manager is also available via Web download from Passport Advantage.

**Terms and conditions**

This product is only available via Passport Advantage. It is not available as shrinkwrap.

**Licensing:** IBM International Program License Agreement and License Information document. Proofs of Entitlement (PoE) are required for all authorized use.

Part number products only, offered outside of Passport Advantage, where applicable, are license only and do not include Software Maintenance.

This software license includes Software Maintenance, previously referred to as Software Subscription and Technical Support.

**License information form numbers**

<table>
<thead>
<tr>
<th>Program name</th>
<th>Program number</th>
<th>Form number</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM Tivoli Usage and Accounting Manager</td>
<td>5724-033</td>
<td>LC23-4995-00, L-NSTL-6RMPUL</td>
</tr>
<tr>
<td>IBM Tivoli Usage and Accounting Manager for z/OS</td>
<td>5724-033</td>
<td>LC23-4996-00, L-NSTL-6RMV3</td>
</tr>
<tr>
<td>IBM Tivoli Usage and Accounting Collector</td>
<td>5724-033</td>
<td>L-NSTL-6RMSA5</td>
</tr>
<tr>
<td>IBM Tivoli Usage and Accounting Collector</td>
<td>5724-033</td>
<td>L-NSTL-6RMRQH</td>
</tr>
</tbody>
</table>
Pack for Internet Infrastructure
IBM Tivoli Usage and Accounting Collector Pack for e-Mail 5724-O33 L-NSTL-6RM7W
IBM Tivoli Usage and Accounting Collector Pack for Network and Printing 5724-O33 L-NSTL-6RMX7
IBM Tivoli Usage and Accounting Enterprise Collector Pack 5724-O33 L-NSTL-6RSP4V

On or near the planned availability date, the LI will be available for review on the IBM Software License Agreement Web site

Limited warranty: Yes

Warranty: This program includes a warranty for one year from acquisition from IBM or an authorized IBM Business Partner. For one year from acquisition of the program, this warranty provides the customer with access to databases containing program information and FAQs, including any known fixes to defects, which the customer can download or otherwise obtain and install.

Program technical support: Technical support of a program product will be available for a minimum of three years from the general availability date, as long as your Software Maintenance is in effect. This technical support allows you to obtain assistance (via telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Maintenance also provides you with access to updates, releases, and versions of the program. Customers will be notified, via announcement letter, of discontinuance of support with 12 months’ notice. If you require additional technical support from IBM, including an extension of support beyond the discontinuance date, contact your IBM representative or IBM Business Partner. This extension may be available for a fee.

Money-back guarantee: If for any reason you are dissatisfied with the program and you are the original licensee, return it within 30 days from the invoice date, to the party (either IBM or its reseller) from whom you acquired it, for a refund.

• For programs acquired under the IBM International Passport Advantage offering, this term applies only to your first acquisition of the program.

Copy and use on home/portable computer

Copy and use on home/portable computer?
Product name
Tivoli Usage and Accounting Manager

No

Volume orders (IVO): No

Passport Advantage applies: Yes, and through the Passport Advantage Web site at
http://www.ibm.com/software/passportadvantage

Usage restriction: Yes

• Usage is limited to the number of managed servers licensed.

Client is restricted to Input from client financial applications, and data collection using the Data Collectors supplied or created with the tools provided in the TUAM media and Collector Packs, unless the optional Data Import Entitlement is licensed. If the optional Data Import Entitlement is not licensed, data cannot be imported from any other platform or device collectors.
For additional information refer to the License Information Document that is available on the IBM Software License Agreement Web site


Software maintenance applies: Yes

Software Maintenance, previously referred to as Software Subscription and Technical Support, is included in the IBM International Passport Advantage Agreement. Installation and technical support is provided by the Software Maintenance offering of the IBM International Passport Advantage Agreement. This fee service provides voice and electronic access to IBM support organizations.

IBM includes one year of Software Maintenance with the initial license acquisition of each program acquired. The initial period of Software Maintenance can be extended by the purchase of a renewal option, if available.

While your Software Maintenance is in effect, IBM provides you assistance for your routine, short duration installation and usage (how-to) questions; and code-related questions. IBM provides assistance via telephone and, if available, electronic access, only to your information systems (IS) technical support personnel during the normal business hours (published prime shift hours) of your IBM support center. (This assistance is not available to your end users.) IBM provides Severity 1 assistance 24 hours a day, every day of the year. For additional details, consult your IBM Software Support Guide at

http://techsupport.services.ibm.com/guides/handbook.html

Software Maintenance does not include assistance for the design and development of applications, your use of programs in other than their specified operating environment, or failures caused by products for which IBM is not responsible under this agreement.

For more information about the Passport Advantage Agreement, visit the Passport Advantage Web site at

http://www.ibm.com/software/passportadvantage

iSeries™ Software Maintenance applies: No

Educational allowance available: Not applicable.

IBM Electronic Services

IBM Global Services has transformed its delivery of hardware and software support services to put you on the road to higher systems availability. IBM Electronic Services is a Web-enabled solution that provides you with an exclusive, no-additional-charge enhancement to the service and support available on the IBM eServer platform. These services provide the opportunity for greater system availability due to faster problem resolution and preemptive monitoring. IBM Electronic Services is comprised of two separate but complementary elements: IBM Electronic Services news page and IBM Electronic Service Agent™.

IBM Electronic Services news page provides you with a single Internet entry point that replaces the multiple entry points traditionally used by customers to access IBM Internet services and support. The news page enables you to gain easier access to IBM resources for assistance in resolving technical problems.

The IBM Electronic Service Agent is no-additional charge software that resides on your IBM eServer system. It is designed to proactively monitor events and transmit system inventory information to IBM on a periodic, customer-defined timetable. The IBM Electronic Service Agent tracks system inventory, hardware error logs, and performance information. If the server is under a current IBM maintenance service agreement or within the IBM warranty period, the Service Agent automatically reports hardware problems to IBM. Early knowledge about potential problems enables IBM to provide proactive service that may result in higher system availability and performance. In addition, information collected through the Service Agent will be made available to IBM service support representatives when they are helping answer your questions or diagnosing problems.

To learn how IBM Electronic Services can work for you, visit...
Prices

Information on charges is available at Web site

http://www.ibm.com/support/electronic

In the Electronic tools category, select the option for "Purchase/upgrade tools."

Passport Advantage: For Passport Advantage information and charges, contact your IBM representative or authorized IBM Business Partner. Additional information is also available at

http://www.ibm.com/software/passportadvantage

Business Partner information

If you are an IBM Business Partner — Distributor for Workstation Software acquiring products from IBM, you may link directly to Business Partner pricing information. An ID and password are required (use IBM ID)

https://www.ibm.com/software/howtobuy/passportadvantage/paoreseller/amer/channelannouncement

Order now

To order, contact the Americas Call Centers, your local IBM representative, or your IBM Business Partner.

To identify your local IBM representative or IBM Business Partner, call 800-IBM-4YOU (426-4968).

Phone: 800-IBM CALL (426-2255)
Fax: 800-IBM FAX (426-6329)
Internet: callserv@us.ibm.com
Mail: IBM Americas Call Centers
Dept. Tel web Customer Support, 9th floor
105 Moatfield Drive
North York, Ontario
Canada M3B 3R1

Reference: SE001

The Americas Call Centers, our national direct marketing organization, can add your name to the mailing list for catalogs of IBM products.

Note: Shipments will begin after the planned availability date.

Trademarks

POWER5+, i5/OS, System z, System i, Virtual Image Facility, iSeries, and Electronic Service Agent are trademarks of International Business Machines Corporation in the United States or other countries or both.

Tivoli, Passport Advantage, z/OS, AIX, PowerPC, POWERparallel, pSeries, zSeries, OS/390, S/390, eServer, Notes, SystemPac, and PartnerWorld are registered trademarks of International Business Machines Corporation in the United States or other countries or both.

Intel is a registered trademark of Intel Corporation.

Windows and Microsoft are trademarks of Microsoft Corporation.

Java is a trademark of Sun Microsystems, Inc.