Selected IBM Tivoli products moved from PVU to RVU with new licensing, reinstatement, and renewal options

Overview

The licensing is changing from a Processor Value Unit (PVU) to a Resource Value Unit (RVU) license metric with new licensing, reinstatement, and renewal options for selected IBM® Tivoli® products. These products are listed in the Program number section. IBM has terminated the previous licensing, reinstatement, and renewal options of these products.

The new licensing approach will lead to simplified sizing of the managed environment making it easier for customers to track their usage and provide benefits in terms of volume scaling.

Current customers with active licenses of the products listed in the Program number section will be migrated to new corresponding replacement license, reinstatement, and renewal options at no additional charge, and will be notified by IBM via Proof of Entitlement (PoE) at the time of renewal.

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For ordering, contact Your IBM representative or an IBM Business Partner.
For more information contact the Americas Call Centers at
800-IBM-CALL (426-2255).

Reference: SE001
```

Planned availability date

- April 12, 2011

Description

Section 508 of the U.S. Rehabilitation Act

A U.S. Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at

   http://www.ibm.com/able/product_accessibility/index.html

Reference information

- For IBM Tivoli Provisioning Manager V7.2 (5608-TPM), refer to Software Announcement 210-163, dated July 06, 2010.

- For IBM Tivoli Monitoring V6.2 (5724-C04), refer to Software Announcement 207-305, dated November 20, 2007.
- For IBM Tivoli Monitoring for Virtual Servers (5724-L92), refer to Software Announcement 209-310, dated October 06, 2009.
- For IBM Tivoli Provisioning Manager for OS Deployment V7.1.1 (5724-Q99), refer to Software Announcement 209-243, dated August 18, 2009.
- For IBM Tivoli Composite Application Manager for Microsoft® Applications V6.2.2 (5724-U17), refer to Software Announcement 210-206, dated July 20, 2010.
- For IBM Tivoli Composite Application Manager for SOA Platform V6.2 (5724-V07), refer to Software Announcement 208-099, dated May 13, 2008.
- For IBM Tivoli Composite Application Manager for Applications V6.2 (5724-V09), refer to Software Announcement 210-369, dated October 26, 2010.
- For IBM Tivoli Service Automation Manager V7.2.1 (5724-W78), refer to Software Announcement 210-182, dated July 06, 2010.
- For IBM Tivoli Composite Application Manager for Application Diagnostics V7.1 (5724-Y92), refer to Software Announcement 209-424, dated December 01, 2009.
- For IBM Service Delivery Manager V7.2.1 (5725-A34), refer to Software Announcement 210-385, dated October 12, 2010.
- For IBM Service Delivery Manager V7.2.1 (5725-A34), refer to Software Announcement 210-392, dated October 12, 2010.

Program number

```
Program                 Program
number        VRM       name

5608-TPM      All       IBM Tivoli Provisioning Manager
5724-C04      All       IBM Tivoli Monitoring
5724-L92      All       IBM Tivoli Monitoring for Virtual Servers
5724-Q99      All       IBM Tivoli Provisioning Manager for
                          OS Deployment
5724-U17      All       IBM Tivoli Composite Application Manager for
                          Microsoft Applications
5724-V07      All       IBM Tivoli Composite Application Manager for
                          SOA Platform
5724-V09      All       IBM Tivoli Composite Application Manager for
                          Applications
5724-W78      All       IBM Tivoli Service Automation Manager
5724-Y92      All       IBM Tivoli Composite Application Manager for
                          Application Diagnostics
5725-A34      All       IBM Service Delivery Manager
```

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

http://www-306.ibm.com/software/tivoli/education/

Offering Information

Product information is available via the Offering Information website

http://www.ibm.com/common/ssi

Also, visit the Passport Advantage® website

Publications

No publications are shipped with these programs.

A softcopy of the publications can be found at the IBM Publications Center

http://www.ibm.com/shop/publications/order

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

Software requirements

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Planning information

Packaging

The products are distributed with:

- International Program License Agreement (Z125-3301)
- License Information document
- Publications (refer to the Publications section)

These programs, when downloaded from a website, contains the applicable IBM license agreement and License Information, if appropriate, and will be presented for acceptance at the time of installation of the program. For future reference, the license and License Information will be stored in a directory such as LICENSE.TXT.

Security, auditability, and control

These products 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 Software 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 extensive portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

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

http://www.ibm.com/software/sw-services/

Licensing metric definitions and pricing examples

Licensing metric definitions

Client Device

Client Device is a unit of measure by which the program can be licensed. A Client Device is a single user computing device or special purpose sensor or telemetry device that requests the execution of or receives for execution a set of commands, procedures, or applications from or provides data to another computer system that is typically referred to as a server or is otherwise managed by the server. Multiple Client Devices may share access to a common server. A Client Device may have some processing capability or be programmable to allow a user to do work. Examples include, but are not limited to actuators, appliances, automated teller machines, automatic meter readers, cash registers, disk drives, desktop computers, kiosks, notebook computers, personal digital assistant, point-of-sale terminals, sensors, smart meters, tape drives, and technical workstations. Licensee must obtain entitlements for every Client Device which runs, provides data to, uses services provided by, or otherwise accesses the program and for every other computer or server on which the program is installed.

Resource Value Unit (RVU)

RVU is a unit of measure by which the program can be licensed. RVU Proofs of Entitlement (PoE) are based on the number of units of a specific resource used or managed by the program. Licensee must obtain entitlements for this program sufficient to cover the resources managed by the program. Licensee must obtain sufficient entitlements for the number of RVUs required for licensee's environment for the specific resources as specified in the resource table found in the program's announcement or License Information document. RVU entitlements are specific to the program and the type of resource and may not be exchanged, interchanged, or aggregated with RVU entitlements of another program or resource.

Standby or backup systems

For programs running or resident on backup machines, IBM defines three types of situations: cold, warm and hot. In 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 other licenses or entitlements sufficient for that server. All programs running in backup mode must be solely under the customer's control, even if 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 entitlements 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), the program is considered to be doing work in the hot situation and a license or entitlement must be purchased.

Product and licensing websites

A complete list of IBM Tivoli products is available at

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

IBM Tivoli product licensing documents are available at

   http://www.ibm.com/software/tivoli/products/licensing.html

Passport Advantage

Through the Passport Advantage Agreement, you 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 acquisitions. Passport Advantage points are only used for calculating the Entitled Passport Advantage discount.

To determine the required IBM Tivoli product configuration under Passport Advantage, the IBM 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 your environment to determine the number of charge units for a product. The quantity of each product's part numbers to be ordered is determined by that analysis.
2. Order the Passport Advantage part numbers. 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 IBM 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 IBM Tivoli product part number. The sum of these Passport Advantage points determines the Passport Advantage point value of the applicable IBM 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

   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.

Pricing example

The resource for the purpose of the RVU calculation is Activated Processor Cores managed by the program. An Activated Processor Core is a processor core that is available for use in a physical or virtual server, regardless of whether the capacity of the processor core can be or is limited through virtualization technologies, operating system commands, BIOS settings, or similar restrictions. Licensee can deploy the program using either full capacity licensing or virtualization capacity (sub-capacity) licensing according to the Passport Advantage Sub-Capacity Licensing Terms (refer to the webpage below). If using full capacity licensing, each Activated Processor Core in the physical hardware environment managed by the program must be counted, except for those servers from which the program permanently no longer manages. If using virtualization capacity licensing, the Virtualization Capacity License Counting Rules that defines how many Activated Processor Cores must be counted, is located at

    http://www.ibm.com/software/lotus/passportadvantage/
    Counting_Software_licenses_using_specific_virtualization_technologies.html

The RVU table for Activated Processor Cores on RVUs is below:

Tier	From quantity	To quantity	Factor
1	0	2,500	1.00
2	2,501	10,000	0.80
3	10,001	50,000	0.60
4	50,001	150,000	0.40
5	150,001	–	0.20

The RVU table for Client Devices on RVUs is below:

Tier	From quantity	To quantity	Factor
1	0	2,500	1.00
2	2,501	10,000	0.90
3	10,001	25,000	0.80
4	25,001	50,000	0.70
5	50,001	–	0.50

Pricing example 1

A customer wishes to license for the servers in the following core environment.

Distributed servers

- 20 One Processor, Single Core servers

- 65 One Processor, Dual Core servers
- 12 Two Processor, Dual Core servers
- 10 Two Processor, Quad Core servers
- One Eight Processor, Dual Core server with two virtual or logical partitions
- One Four Processor, Quad Core server
- One z800 server with two uniprocessor IFLs running Linux® (also known as Linux on System z®)

Note: Linux on System z offerings may not be available for all Tivoli products. This licensing example assumes such availability. Linux on System z offerings have distinctly orderable part numbers in Passport Advantage, which should be used when ordering entitlements for IFLs running Linux.

If pricing products without a Linux on System z offering, you should exclude the z800 server entitlement requirement indicated below.

The customer wants to manage the applicable distributed server environment:

Systems managed	Quantity in customer environment	Activated Processor Cores to be licensed
One Processor, Single Core	20	20
One Processor, Dual Core	65	130
Two Processors, Dual Core	12	48
Two Processors, Quad Core	10	80
|Eight Processors, Dual Core (2 logical partitions)	1	16
Four Processors, Quad Core	1	16
z800 server with 2 uniprocessor IFLs (requires Linux on System z availability)	1	2
Total processors to be licensed		312

Based on the 312 Activated Processor Cores, the customer would require 312 RVUs.

Pricing example 2

A customer wishes to license in the following core environment:

- Servers with 45,000 Activated Processor Cores
- 25,000 Client Devices

The following calculation is used to determine the number of RVUs required to license the 45,000 Activated Processor Cores in the server environment:

Tier	Quantity of Activated Processor Cores	RVUs
1	2,500	2,500
2	7,500	6,000
3	35,000	21,000
Total		29,500

- The first tier based on the RVU table is used to calculate the first 2,500 Activated Processor Cores at a factor of 1 per core or in the case above 2,500 RVUs (2,500 x 1).

- The second tier is used to calculate the Activated Processor Cores from 2,501 to 10,000 at a .8 factor or (7,500 x .8 = 6,000).
- The third tier is used for those Activated Processor Cores between 10,001 and 50,000.
- In the example, 35,000 of the Activated Processor Cores reside in tier 3 or (35,000 x .6 = 21,000).
- Adding the RVUs together for each tier, the customer requires 29,500 RVUs to license the 45,000 Activated Processor Cores.

The following calculation is used to determine the number of RVUs required to license the 25,000 Client Devices in the environment:

```
Tier  Quantity of Client Devices   RVUs

 1           2,500                 2,500

 2           7,500                 6,750

 3          15,000                12,000

Total                            21,250
```

- The first tier based on the RVU table is used to calculate the first 2,500 Client Devices at a factor of 1 per core or in the case above 2,500 RVUs (2,500 x 1).
- The second tier is used to calculate the Client Devices from 2,501 to 10,000 at a .9 factor or (7,500 x .9 = 6,750).
- The third tier is used for those Client Devices between 10,001 and 25,000. In the example, 15,000 of the managed cores reside in tier 3 or (15,000 x .8 = 12,000).
- Adding the RVUs together for each tier, the customer requires 21,250 RVUs to license the 25,000 Client Devices.

Ordering information

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

```
Product group:  Tivoli
  Product Identifier Description (PID)
   IBM Service Delivery Manager (5725-A34)
  Product category: Service Delivery Manager

Product group:  Tivoli
  Product Identifier Description (PID)
   IBM Tivoli Composite Application Manager for
    Application Diagnostics (5724-Y92)
  Product category: Application Manager

Product group:  Tivoli
  Product Identifier Description (PID)
   IBM Tivoli Composite Application Manager for
    Applications (5724-V09)
  Product category: Application Manager

Product group:   Tivoli
  Product Identifier Description (PID)
   IBM Tivoli Composite Application Manager for
    Microsoft Applications (5724-U17)
  Product category: Application Manager

Product group:  Tivoli
  Product Identifier Description (PID)
   IBM Tivoli Composite Application Manager for
    SOA Platform (5724-V07)
  Product category: Application Manager
```

```
Product group:  Tivoli
  Product Identifier Description (PID)
   IBM Tivoli Monitoring (5724-C04)
  Product category: Monitoring Solutions

Product group:  Tivoli
  Product Identifier Description (PID)
   IBM Tivoli Monitoring for Virtual Servers (5724-L92)
  Product category: Monitoring Solutions

Product group:  Tivoli
  Product Identifier Description (PID)
   IBM Tivoli Provisioning Manager (5608-TPM)
  Product category: Provisioning Manager

Product group:  Tivoli
  Product Identifier Description (PID)
   IBM Tivoli Provisioning Manager for OS Deployment (5724-Q99)
  Product category: Provisioning Manager

Product group:  Tivoli
  Product Identifier Description (PID)
   IBM Tivoli Service Automation Manager (5724-w78)
  Product category: Service Automation Manager
```

Passport Advantage trade up

Below is a list of precursor products for which you must have already acquired a license, in order to be eligible to acquire equivalent licenses using the trade-up part numbers.

```
Precursor product     Trade-up product          Trade-up part number

IBM TIVOLI MONITORING  IBM TIVOLI COMPOSITE      D0IDRLL
 RVU                    APPLICATION MANAGER
 LICENSE + SW           FOR APPLICATIONS 3
 SUBSCRIPTION &         AGENT PACK RVU
 SUPPORT 12 MONTHS      LICENSE + SW
                        SUBSCRIPTION &
                        SUPPORT 12 MONTHS

IBM TIVOLI MONITORING  IBM TIVOLI COMPOSITE      D0IDSLL
 RVU FOR LINUX ON       APPLICATION MANAGER
 SYSTEM Z               FOR APPLICATIONS 3
 LICENSE + SW           AGENT PACK RVU FOR
 SUBSCRIPTION &         LINUX ON SYSTEM Z
 SUPPORT 12 MONTHS      LICENSE + SW
                        SUBSCRIPTION &
                        SUPPORT 12 MONTHS

IBM TIVOLI MONITORING  IBM TIVOLI COMPOSITE      D0IC4LL
 RESOURCE VALUE         APPLICATION MANAGER
 UNITS (RVUS)           FOR MICROSOFT
 LICENSE + SW           APPLICATIONS ADVANCED
 SUBSCRIPTION &         RESOURCE VALUE
 SUPPORT 12 MONTHS      UNITS (RVUS)
                        LICENSE + SW
                        SUBSCRIPTION &
                        SUPPORT 12 MONTHS

IBM TIVOLI COMPOSITE   IBM TIVOLI COMPOSITE      D0IC5LL
 APPLICATION MANAGER    APPLICATION MANAGER
 FOR APPLICATIONS       FOR MICROSOFT
 3 AGENT PACK           APPLICATIONS ADVANCED
 RESOURCE VALUE         RESOURCE VALUE
 UNITS (RVUS)           UNITS (RVUS)
 LICENSE + SW           LICENSE + SW
 SUBSCRIPTION &         SUBSCRIPTION &
 SUPPORT 12 MONTHS      SUPPORT 12 MONTHS

IBM TIVOLI COMPOSITE   IBM TIVOLI COMPOSITE      D0IC6LL
 APPLICATION MANAGER    APPLICATION MANAGER
```

```
FOR APPLICATIONS        FOR MICROSOFT
3 AGENT ON LINUX Z      APPLICATIONS ADVANCED
RESOURCE VALUE          RESOURCE VALUE
UNITS (RVUS)            UNITS (RVUS)
LICENSE + SW            LICENSE + SW
SUBSCRIPTION &          SUBSCRIPTION &
SUPPORT 12 MONTHS       SUPPORT 12 MONTHS

IBM TIVOLI COMPOSITE    IBM TIVOLI COMPOSITE        D0IEQLL
APPLICATION MANAGER     APPLICATION MANAGER
FOR APPLICATIONS 3      FOR SOA PLATFORM RVU
AGENT PACK RVU          LICENSE + SW
LICENSE + SW            SUBSCRIPTION &
SUBSCRIPTION &          SUPPORT 12 MONTHS
SUPPORT 12 MONTHS

IBM TIVOLI COMPOSITE    IBM TIVOLI COMPOSITE        D0IERLL
APPLICATION MANAGER     APPLICATION MANAGER
FOR APPLICATIONS 3      FOR SOA PLATFORM
AGENT PACK RVU          RVU FOR
LICENSE + SW            LINUX ON SYSTEM Z
SUBSCRIPTION &          LICENSE + SW
SUPPORT 12 MONTHS       SUBSCRIPTION &
                        SUPPORT 12 MONTHS

IBM DIRECTOR            IBM TIVOLI MONITORING       D0IAPLL
LICENSE + SW            RVU LICENSE + SW
SUBSCRIPTION &          SUBSCRIPTION &
SUPPORT 12 MONTHS       SUPPORT 12 MONTHS
```

Consult your IBM representative if you have any questions.

On/Off Capacity on Demand (CoD)

```
Part
number     Description

D03RQLL    IBM Tivoli Composite Application Manager for Microsoft
           Applications Advanced Processor Day OOCoD Temporary
           Use Charge

D044ULL    IBM Tivoli Composite Application Manager For Applications
           3 Agent Pack Processor Day OOCoD Temporary Use Charge
           Reseller

D044VLL    IBM Tivoli Composite Application Manager For Applications
           Full Agent Pack Processor Day OOCoD Temporary Use Charge
```

Current licensees

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 Software
Subscription and Support (SW S&S) 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 Software Subscription and Support (also referred to
as Software Maintenance). Software Subscription and Support in the second year
(the first year of renewal) can be prorated to be coterminous with your common

anniversary date. Thereafter, all Software Subscription and Support (Software Maintenance) will renew at the common anniversary date for twelve full months of Software Subscription and Support (Software Maintenance).

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

The quantity to be specified for the Passport Advantage part numbers in the following table is per required number of Resource Value Units. To order for Passport Advantage, specify the desired part number and quantity.

```
Description                                              Part number

IBM Service Delivery Manager (5725-A34)
 on System X for VMware
  - RVU License and SW S&S 12 Months                     D0I2ILL
  - RVU Annual SW S&S Renewal Annual Renewal             E0BHULL
  - RVU SW S&S Reinstatement 12 Months                   D0I2JLL
  - RVU INITIAL FIXED TERM License and SW S&S 12 Mo      D0I2GLL
  - RVU SUBSEQUENT FIXED TERM License and SW S&S 12 Mo   E0BHSLL

 on System X for VMware for Linux on System z
  - RVU License and SW S&S 12 Months                     D0I2KLL
  - RVU Annual SW S&S Renewal Annual Renewal             E0BHVLL
  - RVU SW S&S Reinstatement 12 Months                   D0I2LLL
  - RVU INITIAL FIXED TERM License and SW S&S 12 Mo      D0I2MLL
  - RVU SUBSEQUENT FIXED TERM License and SW S&S 12 Mo   E0BHWLL

 on Power® Systems
  - RVU License and SW S&S 12 Months                     D0I2WLL
  - RVU Annual SW S&S Renewal Annual Renewal             E0BI2LL
  - RVU SW S&S Reinstatement 12 Months                   D0I2XLL
  - RVU INITIAL FIXED TERM License and SW S&S 12 Mo      D0I3ILL
  - RVU SUBSEQUENT FIXED TERM License and SW S&S 12 Mo   E0BIFLL

 on Power Systems™ for Linux on System z
  - RVU License and SW S&S 12 Months                     D0I2YLL
  - RVU Annual SW S&S Renewal Annual Renewal             E0BI3LL
  - RVU SW S&S Reinstatement 12 Months                   D0I2ZLL
  - RVU INITIAL FIXED TERM License and SW S&S 12 Mo      D0I3JLL
  - RVU SUBSEQUENT FIXED TERM License and SW S&S 12 Mo   E0BIGLL


IBM Tivoli Composite Application Manager for
 Application Diagnostics (5724-Y92)
  - RVU License and SW S&S 12 Months                     D0ICKLL
  - RVU Annual SW S&S Renewal Annual Renewal             E0BMGLL
  - RVU SW S&S Reinstatement 12 Months                   D0ICLLL

 for Linux on System z
  - RVU License and SW S&S 12 Months                     D0ICMLL
  - RVU Annual SW S&S Renewal Annual Renewal             E0BMHLL
  - RVU SW S&S Reinstatement 12 Months                   D0ICNLL


IBM Tivoli Composite Application Manager for
 Applications (5724-V09)
 full Agent Pack
  - RVU License and SW S&S 12 Months                     D0ID7LL
  - RVU Annual SW S&S Renewal Annual Renewal             E0BMSLL
  - RVU SW S&S Reinstatement 12 Months                   D0ID8LL

 full Agent Pack for Linux on System z
  - RVU License and SW S&S 12 Months                     D0ID4LL
  - RVU Annual SW S&S Renewal Annual Renewal             E0BMRLL
  - RVU SW S&S Reinstatement 12 Months                   D0ID5LL

 3 Agent Pack
  - RVU License and SW S&S 12 Months                     D0IDFLL
  - RVU Annual SW S&S Renewal Annual Renewal             E0BMZLL
```

```
   - RVU SW S&S Reinstatement 12 Months                  DOIDGLL

 3 Agent Pack RVU from Tivoli Monitoring RVU trade up
   - RVU License and SW S&S 12 Months                    DOIDRLL

 3 Agent Pack for Linux on System z
   - RVU License and SW S&S 12 Months                    DOIDDLL
   - RVU Annual SW S&S Renewal Annual Renewal            EOBMYLL
   - RVU SW S&S Reinstatement 12 Months                  DOIDELL

 3 Agent Pack RVU for Linux on System z from
 Tivoli Monitoring RVU for Linux on System z trade up
   - RVU License and SW S&S 12 Months                    DOIDSLL

IBM Tivoli Composite Application Manager for
 Microsoft Applications (5724-U17)
 Advanced
   - RVU License and SW S&S 12 Months                    DOIC1LL
   - RVU Annual SW S&S Renewal Annual Renewal            EOBM8LL
   - RVU SW S&S Reinstatement 12 Months                  DOIC3LL

 Advanced RVU from IBM Tivoli Monitoring RVU trade up
   - RVU License and SW S&S 12 Months                    DOIC4LL

 Advanced RVU from Tivoli Composite Application Manager
 for Applications 3 Agent Pack per RVU trade up
   - RVU License and SW S&S 12 Months                    DOIC5LL

 Advanced RVU from Tivoli Composite Application Manager
 for Applications 3 Agent Pack
 per RVU on Linux z for trade up
   - RVU License and SW S&S 12 Months                    DOIC6LL

IBM Tivoli Composite Application Manager for
 SOA Platform (5724-V07)
   - RVU License and SW S&S 12 Months                    DOIELLL
   - RVU Annual SW S&S Renewal Annual Renewal            EOBNILL
   - RVU SW S&S Reinstatement 12 Months                  DOIENLL

 for Linux on System z
   - RVU License and SW S&S 12 Months                    DOIEMLL
   - RVU Annual SW S&S Renewal Annual Renewal            EOBNJLL
   - RVU SW S&S Reinstatement 12 Months                  DOIEPLL

 RVU for Linux on System z from ITCAM for
 Applications 3 Agent Pack RVU trade up
   - RVU License and SW S&S 12 Months                    DOIERLL

 RVU from ITCAM for Applications 3 Agent Pack RVU
 trade up
   - RVU License and SW S&S 12 Months                    DOIEQLL

IBM Tivoli Monitoring (5724-C04)
   - RVU License and SW S&S 12 Months                    DOIAMLL
   - RVU Annual SW S&S Renewal Annual Renewal            EOBLKLL
   - RVU SW S&S Reinstatement 12 Months                  DOIANLL

 for Linux on System z
   - RVU License and SW S&S 12 Months                    DOIAQLL
   - RVU Annual SW S&S Renewal Annual Renewal            EOBLLLL
   - RVU SW S&S Reinstatement 12 Months                  DOIARLL

 Universal Agent/Agent Builder/OS Agentless
 Monitoring per
   - RVU License and SW S&S 12 Months                    DOIATLL
   - RVU Annual SW S&S Renewal Annual Renewal            EOBLMLL
   - RVU SW S&S Reinstatement 12 Months                  DOIAULL

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   - RVU Annual SW S&S Renewal Annual Renewal            EOBLNLL
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      - RVU SW S&S Reinstatement 12 Months               D0IAWLL

   for Linux on System z
      - RVU License and SW S&S 12 Months                 D0IAXLL
      - RVU Annual SW S&S Renewal Annual Renewal          E0BLPLL
      - RVU SW S&S Reinstatement 12 Months               D0IAYLL

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      - RVU Annual SW S&S Renewal Annual Renewal          E0BLQLL
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IBM Tivoli Provisioning Manager (5608-TPM)
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      - RVU Annual SW S&S Renewal Annual Renewal          E0BI4LL
      - RVU SW S&S Reinstatement 12 Months               D0I31LL

   for Linux on System z
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      - RVU Annual SW S&S Renewal Annual Renewal          E0BI5LL
      - RVU SW S&S Reinstatement 12 Months               D0I33LL

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(5724-Q99)
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      - RVU SW S&S Reinstatement 12 Months               D0I2VLL

   for Linux on System z
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      - RVU Annual SW S&S Renewal Annual Renewal          E0BIBLL
      - RVU SW S&S Reinstatement 12 Months               D0I3DLL

   for clients
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      - RVU Annual SW S&S Renewal Annual Renewal          E0BK5LL
      - RVU SW S&S Reinstatement 12 Months               D0I7JLL

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      - RVU Annual SW S&S Renewal Annual Renewal          E0BK6LL
      - RVU SW S&S Reinstatement 12 Months               D0I7LLL

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      - RVU Annual SW S&S Renewal Annual Renewal          E0BIELL
      - RVU SW S&S Reinstatement 12 Months               D0I3HLL

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      - RVU Annual SW S&S Renewal Annual Renewal          E0BK2LL
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      - RVU Annual SW S&S Renewal Annual Renewal          E0BIILL
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   Base
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Base for Linux on System z
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