IBM SmartCloud Application Performance Management and Diagnostics portfolio manages performance and availability of complex application environments including mobile and cloud

At a glance

IBM SmartCloud® Application Performance Management and Diagnostics:

- Reduces application downtime by putting lightweight deep-dive diagnostic capabilities into the hands of application developers, making it practical for them to perform production-like monitoring in test and development environments, as well as obtaining that same deep level of visibility in production.
- Expands Application Performance Management platform coverage to include new cloud technology capabilities for application resources.
- Extends traditional application performance capabilities beyond the data center into self-service public and private clouds.
- Dynamically recognizes new instances of rapidly provisioned applications, and automatically expands and contracts the Application Performance Management infrastructure to respond to fluctuations in demand.
- Accelerates problem resolution through rapid analysis of structured and unstructured application data.

Overview

IBM SmartCloud Application Performance Management and Diagnostics portfolio features a lightweight, easy to deploy, consolidated user interface, as well as support for new application platforms and delivery paradigms.

While IBM SmartCloud Application Performance Management V7.7 bundle continues to expand the portfolio's comprehensive, flagship solution for managing the performance, availability, and capacity for complex application deployments, IBM SmartCloud Monitoring - Application Insight V1.2 makes it practical to extend application performance management to public clouds. IBM® Application Performance Diagnostics V1.1, a new solution, helps application teams proactively spot problems during the complete lifecycle.

The IBM SmartCloud Application Performance Management and Diagnostics portfolio highlights:

- Flexible deployment options, including traditional on-premises deployment, lightweight deployment to self-service public or private clouds, or virtual machine appliance deployment to an existing VMware environment.
• A common user interface providing standard, intelligent visualizations of application health and performance, featuring the ability to get to the root cause of application problems quickly, often in just two clicks.
• Extension of the Application Performance Management framework to enable monitoring of mobile workloads.
• Continued evolution of a new, lightweight architecture for cloud Application Performance Management deployments, with key enhancements for elasticity and scalability.
• A pluggable new architecture that lets you leverage the same application and transaction monitoring capabilities across different architectures and deployment types.
• Capability to diagnose to the code level to help find the root cause of performance issues, not just the symptoms, throughout the application lifecycle.
• New monitoring and reporting capabilities for key cloud application platforms, plus platform currency updates for JBoss, WebLogic, NetWeaver, IBM WebSphere® Application Server, IBM WebSphere Portal, Tomcat, SAP, PeopleSoft, Siebel, and various Microsoft™ applications.
• Consumability enhancements, such as agent self-configuration, to make it easier for application teams of any size or at any stage in the application lifecycle to benefit from robust Application Performance Management and Diagnostics.

Below is a list of the products included in this announcement. Refer to the Description section for more information about each product.

• IBM SmartCloud Application Performance Management V7.7 Standard and Non-Production (Principal Program) is purchased as a consolidated bundle and includes the following components:
  – IBM Tivoli® Composite Application Manager for Applications V7.2.1
  – IBM Tivoli Composite Application Manager for Microsoft Applications V6.3.1
  – IBM Tivoli Composite Application Manager for Transactions V7.4
• IBM SmartCloud Application Performance Management V7.7 Entry (Principal Program) is purchased as a consolidated bundle, featuring certain licensing restrictions, and including select features from the following products:
  – IBM Tivoli Composite Application Manager for Applications V7.2.1
  – IBM Tivoli Composite Application Manager for Microsoft Applications V6.3.1
  – IBM Tivoli Composite Application Manager for Transactions V7.4
• IBM Application Performance Diagnostics V1.1
• IBM SmartCloud Application Performance Management V7.7.0.1 Standard and Non-Production (Principal Program) is purchased as a consolidated bundle, which includes the following components, including the newly added SmartCloud Monitoring - Application Insight:
  – IBM Tivoli Composite Application Manager for Applications V7.2.1
  – IBM Tivoli Composite Application Manager for Microsoft Applications V6.3.1
  – IBM Tivoli Composite Application Manager for Transactions V7.4
  – IBM SmartCloud Monitoring - Application Insight V1.2
• IBM SmartCloud Application Performance Management V7.7.0.1 Entry (Principal Program) is purchased as a consolidated bundle, featuring certain licensing restrictions, and including select features from the following products:
  – IBM Tivoli Composite Application Manager for Applications V7.2.1
  – IBM Tivoli Composite Application Manager for Microsoft Applications V6.3.1
  – IBM Tivoli Composite Application Manager for Transactions V7.4
• IBM SmartCloud Monitoring - Application Insight V1.2 may be purchased as a standalone product, in addition to be part of any bundles described above.

Key prerequisites
For details, refer to the **Hardware and software requirements** section.

### Planned availability date

- **IBM SmartCloud Application Performance Management V7.7 Standard and Non-Production:**
  - October 11, 2013: Electronic general availability
  - November 22, 2013: Product general availability
- **IBM SmartCloud Application Performance Management V7.7 Entry:**
  - October 11, 2013: Electronic general availability
  - November 22, 2013: Product general availability
- **IBM Application Performance Diagnostics V1.1:**
  - November 22, 2013: Electronic general availability
  - December 13, 2013: Product general availability
- **IBM SmartCloud Application Performance Management V7.7.0.1 Standard and Non-Production:**
  - November 22, 2013: Electronic general availability
  - December 13, 2013: Product general availability
- **IBM SmartCloud Application Performance Management V7.7.0.1 Entry:**
  - November 22, 2013: Electronic general availability
  - December 13, 2013: Product general availability
- **IBM SmartCloud Monitoring - Application Insight V1.2:**
  - December 13, 2013: Electronic general availability
  - January 10, 2014: Product general availability

### Description

The IBM Application Performance Management and Diagnostics portfolio is a comprehensive solution that intelligently manages performance, availability, and capacity for complex application infrastructures in cloud and hybrid environments. IBM SmartCloud Application Performance Management V7.7 provides you with visibility, control, and automation for your mission-critical applications, protecting revenue and ensuring customer satisfaction. With its modular design, flexible deployment options, and quick time to value, SmartCloud Application Performance Management helps IT administrators or application teams get started quickly, and add more capabilities, as they are needed.

**The IBM Application Performance Management and Diagnostics portfolio provides:**

**Deep dive capabilities throughout the application lifecycle:**

- A nimble, consistent tool for diagnostics to the code level to help find the root cause of performance issues, not just the symptoms, throughout the application lifecycle.
- Deep dive code level diagnostics available for Java™ Platform, Enterprise Edition applications within minutes.
- Scales easily to production environment to obtain the code level visibility without impeding application performance thus avoiding problem reproduction in preproduction, which can be extremely time consuming.
- Easy-to-use Application Performance Management UI that guides users to the right information to resolve the problem with smart drilldowns.

**Applications hosted in cloud environment:**
• Leverage the lightweight new Application Performance Management architecture in SmartCloud Monitoring - Application Insight to easily deploy Application Performance Management to hosted cloud - public or private cloud, traditional IT environment or hybrid.

• New monitoring and reporting capabilities around key cloud friendly application platforms.

• Automatically scale up or down to meet the changing demand, to make sure that there is no interruption or slowdown in monitoring during this peak demand period.

Increases customer loyalty and revenue, protects branding by monitoring mobile applications and their supporting infrastructure

• Sense potential availability and performance problems with mobile applications, find and fix them before they impact customer satisfaction.

• Improve ability to resolve mobile application performance problems through faster root cause identification from mobile devices to backend components, including applications built on IBM Worklight® platform.

Enhanced analytics for faster problem resolution:

• Multiple analytics options to improve capacity utilization and optimize performance of the infrastructure, automatically set thresholds based on performance trends.

• A common reporting tool, based on IBM Cognos®, to allow administrators and application specialists to enhance the set of standard reports with custom reports that they can construct in minutes.

Converged UI enhancements:

• Automatically discover and define applications and their components within the Application Performance Management UI using data from IBM Tivoli SmartCloud Application Performance Management's agent-less transaction tracking capability or IBM Tivoli Application Dependency Discovery. This ensures that you see your applications in the dashboard quickly, accurately, and without significant manual effort.

• Ability to see application performance broken down to the component level so that you can quickly identify bottlenecks. If the issue is in the application code itself, one can drill down in context to deep dive diagnostic information to identify the root cause of the problem with the new Application Performance Diagnostics dashboards.

• Standard dashboards for IBM WebSphere DataPower®, and infrastructure components to extend the end-to-end coverage of your application.

IBM Application Performance Management enhances support for a broad and diverse set of application environments, with a focus on:

• Extending visibility to end-user experience of propriety applications with pluggable framework.

• Reducing deployment time with self-describing agent support that also reduces maintenance windows.

• Protecting your investment in application environments by supporting current versions and releases of IBM WebSphere DataPower SOA appliances, Microsoft applications, SAP applications, PeopleSoft, and Siebel.

• Monitoring of multitenant WebSphere DataPower environments so that the infrastructure supplier can determine which services from which applications and from which application teams are having performance or fault problems.

• Improving serviceability of the Microsoft application agents with configuration panel extensions.

• Enhancing integration with SAP's Solution Manager, for better visibility and performance management of the SAP environment.

• Supporting scalable Siebel CRM environments with Microsoft Windows™ Cluster Support for Siebel servers.
• Providing new workspaces to visualize performance of PeopleSoft Internet Architecture, the infrastructure on which PeopleSoft applications are built and run.
Products included in this announcement:

- **SmartCloud Application Performance Management V7.7**
  - SmartCloud Application Performance Management intelligently manages performance, availability, and capacity for complex application infrastructures across the enterprise and the cloud.

- **IBM Tivoli Composite Application Manager for Applications V7.2.1**
  - Tivoli Composite Application Manager for Applications offers performance and availability monitoring of systems, application servers, and database servers. IT operations and administrators can use Tivoli Composite Application Manager for Applications to maintain high performance and availability levels for composite applications and services. The offering is part of SmartCloud Application Performance Management V7.7.

- **IBM Tivoli Composite Application Manager for Microsoft Applications V6.3.1**
  - Tivoli Composite Application Manager for Microsoft Applications monitors and manages Microsoft resources, systems, and applications. Tivoli Composite Application Manager for Microsoft Applications helps deliver Microsoft domain knowledge and helps you significantly reduce mean time to resolution of problems with Microsoft system infrastructure, applications, and transactions. The offering is part of SmartCloud Application Performance Management V7.7.

- **IBM Tivoli Composite Application Manager for Transactions V7.4**
  - Tivoli Composite Application Manager for Transactions offers the ability to gain visibility into the performance of applications, with end-user response time metrics and transaction tracking.

- **SmartCloud Monitoring - Application Insight V1.2**
  - SmartCloud Monitoring - Application Insight represents a new lightweight approach to Application Performance Monitoring. Engineered for the cloud, SmartCloud Monitoring - Application Insight is built for a multitenant elastic design with easy installation and self configuration. In V1.2, SmartCloud Monitoring - Application Insight adds to its architecture extensibility and scalability when the monitored load grows or shrinks. Exploiting the new pluggable infrastructure, the cloud platform support is rapidly expanding and shares the user interface with the other Application Performance Management products in the portfolio. Forum support is available for SmartCloud Monitoring - Application Insight and is monitored by the development team. The forum can be accessed at
    https://www.ibm.com/developerworks/community/forums/html/forum?id=11111111-0000-0000-00-00-000000002897

- **IBM Application Performance Diagnostics V1.1**
  - IBM Application Performance Diagnostics provides deep dive capabilities throughout the application lifecycle with a nimble, consistent tool for diagnostics to the code level to help find the root cause of performance issues, not just the symptoms. Scaling easily to production environments, the tool delivers standard capabilities for Java Platform, Enterprise Edition applications, and shares the user interface with the other Application Performance Management products in the portfolio.

**Accessibility by people with disabilities**

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


**Product positioning**

Application owners, whether they are small vendors running production workloads on public clouds, or application teams in larger enterprises running preproduction
workloads on private clouds, or production IT operations team managing mission-critical, enterprise applications, all share a common goal: they want to know that users of their application are able to access it, and that adequate performance is translated into a good user experience. The adoption of new application deployment paradigms has created the need for multiple approaches to management and multiple ways to deploy those solutions.

### Program number

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### 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


### Offering Information

Product information is available via the Offering Information website

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

Also, visit the Passport Advantage® website

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

### Publications

No publications will be shipped with this product.

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

Hardware and software requirements
Detailed platform support for each agent can be found at

http://publib.boulder.ibm.com/infocenter/prodguid/v1r0/clarity/index.html

IBM SmartCloud Application Performance Management V7.7 runs on the following operating systems:

- IBM AIX® V5.2
- IBM AIX V5.3
- IBM AIX V6.1
- IBM AIX V7.1
- Red Hat Enterprise Linux™ 4.0 AS/ES x86-64
- Red Hat Enterprise Linux 4.0 AS/ES System i®, System p®
- Red Hat Enterprise Linux 5.0 Advanced Platform x86-64
- Red Hat Enterprise Linux 5.0 Advanced Platform x86-32
- Red Hat Enterprise Linux 5.0 Advanced Platform System p
- Red Hat Enterprise Linux Server 6 System p
- Red Hat Enterprise Linux Server 6 x86-32
- Red Hat Enterprise Linux Server 6 x86-64
- SUSE Linux Enterprise Server 10.0 IA64
- SUSE Linux Enterprise Server 11.0 IA64
- SUSE Linux Enterprise Server 9.0/10.0 System i®, System p
- SUSE Linux Enterprise Server 11.0 System i®, System p
- SUSE Linux Enterprise Server 8.0 x86-32
- SUSE Linux Enterprise Server 9.0 x86-32
- SUSE Linux Enterprise Server 10.0 x86-64
- SUSE Linux Enterprise Server 11.0 x86-32
- SUSE Linux Enterprise Server 11.0 x86-64
- Microsoft Windows 2003 Server
- Microsoft Windows 2003 Server R2
- Microsoft Windows 2008 Server
- Microsoft Windows 2008 Server R2
- Microsoft Windows 2012 Server
- HP-UX 11i v2
- HP-UX 11i v3
- Oracle Solaris 9
- Oracle Solaris 10
- Oracle Solaris 11

IBM Application Performance Diagnostics V1.1 runs on the following operating systems:

- Red Hat Enterprise Linux Server 6 x86-64
- Microsoft Windows 2008 Server R2 x86-64
- Microsoft Windows 2012 Server x86-64
Note: IBM Application Performance Diagnostics V1.1 is supported in cloud environments only.

IBM Tivoli Composite Application Manager for Applications V7.2.1 supported operating systems:

- Microsoft Windows 2003 Server
- Microsoft Windows 2003 Server R2
- Microsoft Windows 2008 Server
- Microsoft Windows 2008 Server R2
- Microsoft Windows 2012 Server
- RHEL 4.0 AS/ES x86-64
- RHEL 4.0 AS/ES
- RHEL 5.0 Advanced Platform
- RHEL 5.0 Advanced Platform
- RHEL 5.0 Advanced Platform
- RHEL Server 6 System p
- RHEL Server 6 x86-32
- RHEL Server 6 x86-64
- HP-UX 11i V2
- HP-UX 11i V3
- SLES 8.0
- SLES 9.0
- SLES 10.0
- SLES 11.0
- AIX V5.2
- AIX V5.3
- AIX V6.1
- AIX V7.1
- Solaris 9
- Solaris 10
- Solaris 11

IBM Tivoli Composite Application Manager for Transactions V7.4 supported operating systems:

- AIX V6.1
- AIX V7.1
- RHEL 5.0, 6.0 x86-32
- RHEL 5.0, 6.0 x86-64
- RHEL 5.0, 6.0 zSeries
- SUSE 11 (SLES) x86-32
- SUSE 11 (SLES) x86-64
- SUSE 11 (SLES) zSeries
- Solaris 10, 11
- Microsoft Windows Server 2012

IBM Tivoli Composite Application Manager for Microsoft Applications V6.3.1 supported operating systems:
- Microsoft Windows 2003 Server
- Microsoft Windows 2003 Server R2
- Microsoft Windows 2008 Server
- Microsoft Windows 2008 Server R2
- Microsoft Windows 2012 Server

IBM SmartCloud Monitoring - Application Insight V1.2 supported operating systems:

- RHEL Server 6 x86-64
- Microsoft Windows 2008 Server R2 x86-64
- Microsoft Windows 2012 Server x86-64

For the latest list of requirements and supported application, refer to


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.

**IBM Electronic Support**

The IBM Support Portal is your gateway to technical support. This includes IBM Electronic Support tools and resources, for software and hardware, to help save time and simplify support. The Electronic Support tools can help you find answers to questions, download fixes, troubleshoot, automate data collection, submit and track problems through the Service Request online tool, and build skills. All these tools are made available through your IBM support agreement, at no additional charge.

Read about the Electronic Support portfolio of tools

http://ibm.com/electronicsupport

Access the IBM Support Portal

http://ibm.com/support

Access the online Service Request tool

http://ibm.com/support/servicerequest

**Planning information**

**Packaging**

IBM Application Performance Management V7.7 is distributed with:

- International Program License Agreement (Z125-3301)
- License Information document:
  - L-GGIE-99UD2S - Standard and Non-Production
  - L-GGIE-99UDCS - Entry Edition
- Publications (refer to the Publications section)

IBM Application Performance Management V7.7.0.1 is distributed with:

- International Program License Agreement (Z125-3301)
- License Information document:
  - L-GGIE-9B8428 - Standard and Non-Production
This program, 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**

IBM Application Performance ManagementV7.7 uses 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.

**Global Technology Services®**

Contact your IBM representative for the list of selected services available in your country, either as standard or customized offerings for the efficient installation, implementation, or integration of this product.

**Licensing metric definitions and pricing examples**

**Licensing metric definitions**

**Managed Virtual Server**

Managed Virtual Server is a unit of measure by which the program can be licensed. A server is a physical computer that is comprised of processing units, memory, and input/output capabilities and that executes requested procedures, commands, or applications for one or more users or client devices. Where racks, blade enclosures, or other similar equipment is being employed, each separable physical device (for example, a blade or a rack-mounted device) that has the required components is considered itself a separate server. A virtual server is either a virtual computer created by partitioning the resources available to a physical server or an unpartitioned physical server. Licensee must obtain Managed Virtual Server entitlements for each virtual server managed by the program.

**Resource Value Unit (RVU)**

*Note:* The RVU metric applies only to Tivoli Composite Application Manager for Applications, Tivoli Composite Application Manager for Microsoft Applications Advanced, and Tivoli Composite Application Manager for Transactions.

RVU is a unit of measure by which the program can be licensed. RVU Proofs of Entitlement (PoEs) 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.

**Client Device**

*Note:* The Client Device metric applies only to Tivoli Composite Application Manager for Microsoft Applications Entry.

Client Device is a unit of measure by which the program can be licensed. A Client Device is a single user computing device, communications device, 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. A Client Device may have some processing capability or be programmable to allow a user to do work. 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.

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 license 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:** 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), the program is considered to be doing work in the hot situation and a license or entitlement must be purchased.

**Pricing example**

Small machine:
- Intel® x86 - 2 socket - dual core
- 6 virtual machines
- IBM SmartCloud Application Performance Management licenses to purchase: 6

Medium machine:
- Intel x86 - 2 socket - quad core
- 12 virtual machines
- IBM SmartCloud Application Performance Management licenses to purchase: 12

Large machine:
- Intel x86 - 4 socket - quad core
• 24 virtual machines
• IBM SmartCloud Application Performance Management licenses to purchase: 24

Extra large machine:
• Power® 7 - 8 socket - quad core
• 48 virtual machines
• IBM SmartCloud Application Performance Management licenses to purchase: 48

### Ordering information

Product group: Availability and Performance products
Product Identifier Description: 5725-G70 IBM SmartCloud Application Performance Management V7.7
Product category: Application Performance Management

For ordering information, consult your IBM representative or authorized IBM Business Partner, or visit


### Passport Advantage customer: Media pack entitlement details

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

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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 Software Maintenance. Software 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 for twelve full months of 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 Maintenance.

The quantity to be specified for the Passport Advantage part numbers in the following table is per processor Value Units and per client devices. To order a chargeable option for Passport Advantage, specify the desired part number and quantity.

**IBM Smartcloud Application Performance Management V7.7 (5725-G70)**

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IBM SmartCloud App Performance Mgmt Non Production per Mgd Virtual Server SW S&S Reinstate 12 Mo

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IBM Tivoli Composite Application Manager for Applications V7.2.1 (5725-145)

Description
ITCAM App Full Agt Pack RVU Lic + SW S&S 12 Mo
ITCAM App Full Agt Pack RVU Annual SW S&S Rnwl
ITCAM App Full Agt Pack RVU SW S&S Reinstate 12 Mo

ITCAM App Full Pack RVU for zEnterprise BladeCenter Extension and Linux on System z Lic + SW S&S 12 Mo
ITCAM App Full Pack RVU for zEnterprise BladeCenter Extension and Linux on System z Annual SW S&S Rnwl
ITCAM App Full Pack RVU for zEnterprise BladeCenter Extension and Linux on System z SW S&S Reinstate 12 Mo

Description
ITCAM for Apps Full Agent Pack New Proc Day OOCoD Temp Use Chrg

ITCAM App 3 Agt Pack RVU NEW Lic + SW S&S 12 Mo
ITCAM App 3 Agt Pack RVU NEW Annual SW S&S Rnwl
ITCAM App 3 Agt Pack RVU NEW SW S&S Reinstate 12 Mo

IBM Tivoli Composite Application Manager for Applications 3 Agent Pack for zEnterprise BladeCenter Extension and Linux on System z Lic + SW S&S 12 Mo
IBM Tivoli Composite Application Manager for Applications 3 Agent Pack for zEnterprise BladeCenter Extension and Linux on System z Annual SW S&S Rnwl
IBM Tivoli Composite Application Manager for Applications 3 Agent Pack for zEnterprise BladeCenter Extension and Linux on System z SW S&S Reinstate 12 Mo

Description
ITCAM for Apps 3 Agent Pack New Proc Day OOCoD Temp Use Chrg

ITCAM App Single Agt RVU Lic + SW S&S 12 Mo
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### IBM Application Performance Diagnostics (5725-K40)

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- L-GGIE-9B83JJ - Entry Edition

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- L-FKAR-9ADK54

IBM Application Performance Diagnostics V1.1:
- L-EHUS-9AEG3

IBM Tivoli Composite Application Manager for Transactions V7.4:
- L-GGIE-9ABKML

IBM Tivoli Composite Application Manager for Applications V7.2.1:
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IBM International Passport Advantage Agreement

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**Variable charges apply**

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**Corrections**

*(Corrected on November 22, 2013)*

Updates made to the Overview and Planned availability sections.