



IBM WebSphere Host Access Transformation Services delivers new licensing option

Overview

IBM WebSphere® Host Access Transformation Services for iSeries™, for Multiplatforms, and for zSeries® can now be purchased on a per processor basis in addition to the registered user license option that is currently available. The new per processor licensing option is applicable to all platforms on which HATS applications can be deployed. The processor-based licensing is intended for customers with large user bases, both intranet and Internet.

Customers that hold concurrent user licenses of HATS will still be able to receive maintenance on their existing licenses although the concurrent user license option will no longer be available. Refer to the **Migration** section for details.

In addition to the new license option, HATS for zSeries is being expanded to allow deployment to any platform on which IBM WebSphere Application Server runs, and will include a limited-entitlement copy of IBM WebSphere Application Server, Network Deployment. HATS for zSeries will still be intended for those customers particularly focused on satisfying host access and network integration needs for 3270 connectivity.

When you receive the Program, consult the HATS V6.0.3 support site for features and functions that have been added since the last major release of HATS.

Key prerequisites

For details, refer to the **Hardware requirements** and **Software requirements** sections.

Planned availability dates

- November 18, 2005: Electronic software delivery
- November 18, 2005: Media and documentation

At a glance

Updates for IBM WebSphere Host Access Transformation Services (HATS) include:

- New processor-based licensing for HATS for iSeries, for Multiplatforms, and for zSeries
- Updated terms for HATS for zSeries to expand deployment platforms and to include a limited-use IBM WebSphere Application Server, Network Deployment

Description

For information on IBM WebSphere Host Access Transformation Services, V6.0, refer to Software Announcement 205-022, dated February 8, 2005.

Accessibility by people with disabilities

- Interfaces commonly used by screen readers.
- Can be operated using only the keyboard.
- Allows the user to request more time to complete timed responses.
- Communicates all information independently of color.
- Provides documentation in an accessible format.
- Requires minimal reach and manual dexterity.
- Supports the attachment of alternative input and output devices.

Product positioning

Application transformation

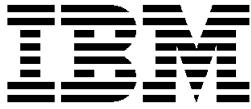
IBM offers a complete set of application transformation solutions that can enable enterprises to extend legacy applications to new users and to a service-oriented architecture. These solutions can allow customers to (1) improve the user experience, (2) adapt for broader connectivity, and (3) innovate by architecting applications for greater flexibility. The first style of transformation typically requires the lowest level of investment. With this method companies can achieve a quick return on investment by creating a better user experience. Improving the user interface can improve ease of use and can ultimately result in lower training costs, increased customer satisfaction, and boosts employee productivity. Host Access Transformation Services is IBM's leading product for customers looking to improve the user experience of 3270 and 5250 applications.

Trademarks

iSeries is a trademark of International Business Machines Corporation in the United States or other countries or both.

WebSphere and zSeries are registered trademarks of International Business Machines Corporation in the United States or other countries or both.

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



IBM US Announcement Supplemental Information

November 15, 2005

Education support

The following educational offerings are available as listed below:

Course title	Course number	Course type
Advanced HATS	SW913	Classroom
IBM WebSphere® Host Access Transformation Services Introduction	SW912	Classroom

IBM Global Services, IT Education Services, provides education to support many IBM offerings. Descriptions of courses for IT professionals and managers are on the IBM IT Education Services Web site

<http://www-3.ibm.com/services/learning/>

Refer to the IBM IT Education Services Web site for information on course locations and availability dates.

Call IBM IT Education Services at 800-IBM-TEACH (426-8322) for catalogs, schedules, and enrollments.

Offering Information

Product information is available via the Offering Information Web site

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

Also, visit the Passport Advantage® Web site

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

Publications

No publications are shipped with these products.

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 50 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

HATS Toolkit requirements

- Intel™ Pentium™ III 800 MHz processor minimum (Higher is recommended).
- 768 MB RAM minimum (1 GB RAM is recommended).
- Disk space: 300 MB DASD beyond what Rational® Studio required. Additional disk space will be required for resources that you develop.
- Display resolution: 1024 x 768 or higher.

Software requirements

HATS Toolkit requirements

- Microsoft™ Windows™ XP Professional with Service Packs 1 and 2 or
- Microsoft Windows 2000 Professional with Service Packs 3 and 4 or
- Microsoft Windows 2000 Server with Service Packs 3 and 4 or
- Microsoft Windows 2000 Advanced Server with Service Packs 3 and 4 or
- Microsoft Windows Server 2003 Standard Edition or
- Microsoft Windows Server 2003 Enterprise Edition
- One of the following IBM Software Development Platforms:
 - Rational Web Developer V6.0
 - Rational Application Developer V6.0
 - Rational Studio Architect V6.0
 - WebSphere Developer for zSeries® V6.0
 - WebSphere Development Studio Client V6.0
 - WebSphere Development Studio Client V6.0 Advanced Edition

Server runtime requirements

HATS enterprise applications may be deployed to the following WAS platforms:

- Windows 2000
- Windows 2003
- Windows XP
- AIX®
- i5/OS™
- Solaris
- zOS

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: <http://www.ibm.com>.

- Linux™ for Intel
- Linux for zSeries
- Linux for iSeries™
- Linux for pSeries®
- HP-UX

HATS applications are deployed to a WAS and, therefore, inherit the software and hardware requirements of WAS.

Each HATS application that you deploy requires additional disk space. The minimum disk space required for each HATS application is approximately 30 MB.

One of the following WebSphere Application Servers:

- WAS V5.1.1 or V6.0 with latest PTFs
- WAS ND V5.1.1 or V6.0 with latest PTFs
- WAS for iSeries V5.1.1 with latest PTFs
- WAS ND for iSeries V5.1.1 with latest PTFs
- WAS Express V5.1.1 or V6.0 with latest PTFs
- WAS Express for iSeries V5.1.1 with latest PTFs
- WAS for zSeries V5.1.1 or V6.0 with latest PTFs
- WAS ND for zSeries V5.1.1 or V6.0 with latest PTFs

Supported browsers

- Windows requires Netscape 6.2.3, Internet Explorer 6.0 with Service Pack 1, Mozilla 1.6, Firefox .9, Opera 7.0 or later.
- AIX requires Netscape 7.0 or later.
- Solaris requires Mozilla 1.6, Firefox .9, Opera 7.0 or later.
- Linux requires Netscape 7.0.2, Opera 7.0, Konqueror 3.1, Mozilla 1.6, Firefox .9 or later.
- Mac requires Safari 1.0, Internet Explorer V5.2.3, Netscape 7.1, Firefox .9, Opera 7.0 or later.

Others

- 5250 Print support requires IBM iSeries Access for Web V5.2, or later (**Note:** this is available as part of the iSeries Access Family V5.2.)
- WebSphere Portal V5.0, V5.0.2, V5.0.2.1, V5.0.2.2, or V5.1 is required for deployment of HATS V6 portlets.

Limitations

- BIDI support is available only with Internet Explorer 6.0 with Service Pack 1, or Mozilla 1.8 or later.

Planning information

Migration

The concurrent user license option will no longer be available for purchase. Customers that hold concurrent user licenses of HATS are entitled to continue to use those licenses per their Proof of Entitlement (PoE). Those customers can renew their maintenance for their concurrent user licenses through the registered user license part numbers. At the time of renewal, concurrent user license holders will receive maintenance for three registered user licenses for every two concurrent licensed to which they are entitled.

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

Multiplatform and zSeries

- WebSphere HATS V6.0.3 CD
- WebSphere Application Server V6.0 Network Deployment CD
- HATS V6.0.3 License Information Booklet

iSeries

- WebSphere HATS V6.0.3 CD
- WebSphere Application Server —Express V6.0 CD
- HATS V6.0.3 License Information Booklet — Limited terms and conditions for 5250 deployment

Security, auditability, and control

Host Access Transformation Services uses the security and auditability features of the host systems.

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

Ordering information

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

Product information

Licensed function title	Product group	Product category
IBM Host Access Transformation Services for eServer® i5 520	App Integration Middleware Other	WebSphere
IBM WebSphere Host Access Transformation Services for Multiplatforms	App Integration Middleware Other	WebSphere
IBM WebSphere Host Access Transformation Services for iSeries	App Integration Middleware Other	WebSphere

Program name	PID number	Charge unit description
IBM Host Access Transformation Services for eServer® i5 520	5724-L03	Processor P10
IBM Host Access Transformation Services for eServer i5 520	5724-L03	Processor P05 to P10
IBM Host Access Transformation Services for eServer i5 520	5724-L03	Processor P05

Program name	PID number	Charge unit description
IBM WebSphere Host Access Transformation Services for Multiplatforms	5724-L02	Registered User
IBM WebSphere Host Access Transformation Services for Multiplatforms	5724-L02	Registered User
IBM WebSphere Host Access Transformation Services for Multiplatforms	5724-L02	Processors
IBM WebSphere Host Access Transformation Services for Multiplatforms	5724-L02	Processors
IBM WebSphere Host Access Transformation Services for iSeries™	5724-L03	Registered User
IBM WebSphere Host Access Transformation Services for iSeries	5724-L03	Processors

Charge metrics definitions

Processor

In Full Capacity charging — PoE's 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.

1. If there are Program Components included in the offering whose function is not to be included in the charge metric, these must be listed in the Program-unique Terms of the License Information.
2. 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.
3. Multi-core technology allows two or more processors (commonly called "cores") to be active on a single silicon chip. Unless otherwise announced, with multi-core 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.
4. In the zSeries Integrated Facility for Linux (IFL) environment, each IFL engine is considered a single "physical processor".
5. Threading, a technique which 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 blade on which the Program is run.

Registered User

A Registered User (User) is one and only one individual, machine, program or device with a specific identity (ID) within or outside your enterprise which is recorded in a

registry (for example, table, directory, and so forth). A Proof of Entitlement (PoE) is evidence of your authorization to use a Program and is required for each User accessing the Program or any Program component.

1. Access to the Program is restricted to users recorded in the registry.
2. Users have unique specific identity and ID's cannot be shared
3. When multiple, unique registries exist, the registries will be additive for charging purposes even if a specific ID exists in both registries.
4. An ID may establish one or more connections and count as a single User.

Passport Advantage program licenses

Host Access Transformation Services for Multi

Part description	Part number
IBM WebSphere Host Access Transformation Services for Multiplatforms	
HATS Multi Proc zSeries from competitive tradeup TRDUP LIC+SW MAINT 12 Mnth	D56Q9LL
HATS Multi Reg. User zSer from Comp prod./emulator TRDUP LIC+SW MAINT 12 MO	D54R9LL
HATS Multi RegisteredUser from competitive tradeup TRDUP LIC+SW MAINT 12 MO	D53H6LL
HATS for Multi Processors License & SW Maintenance 12 Months	D56QDLL
HATS for Multi Processors SW Maintenance Annual Renewal	E02BALL
HATS for Multi Processors SW Maintenance Reinstatement 12 Months	D56QEELL
HATS for Multi Processors for zSeries License & SW Maintenance 12 Months	D56Q7LL
HATS for Multi Processors for zSeries SW Maint. Reinstatement 12 Months	D56Q8LL
HATS for Multi Processors for zSeries SW Maintenance Annual Renewal	E02B8LL
HATS for Multi Processors from Competitive Trdup Lic & SW Maint 12 Months	D56QFLL
HATS for Multi Registered User License & SW Maintenance 12 Months	D53H4LL
HATS for Multi Registered User SW Maint. Reinstatement 12 Months	D53H5LL
HATS for Multi Registered User SW Maintenance Annual Renewal	E016VLL
HATS for Multi Registered User for zSeries License & SW Maint 12 Months	D54R7LL
HATS for Multi Registered User for zSeries SW Maint Reinstatement 12 Months	D54R8LL
HATS for Multi Registered User for zSeries SW Maintenance Annual Renewal	E01NHLL

Host Access Transformation Services for iSeries

Part description	Part number
IBM WebSphere Host Access Transformation Services for iSeries HATS for iSeries Processors License & SW Maintenance 12 Months	D56QALL
HATS for iSeries Processors SW Maintenance Annual Renewal	E02B9LL

Part description	Part number	Program name/description	Part number
HATS for iSeries Processors SW Maintenance Reinstatement 12 Mon	D56QBLL	HATS iSeries eServer i5 520 V6.0.3 Media Pack Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Turkish, Italian) i5/OS V5, OS/400® V5.x CD ROM Digital Disk — ISO 9660 Standard V6.0.3	BM03IML
HATS for iSeries Processors from Comp. Prod Trdup License & SW Maintenance	D56QCLL		
HATS for iSeries Register User from Comp Prod. Trdup License & SW Maintenance	D53I3LL		
HATS for iSeries Registered User License & SW Maintenance 12 Mont	D53H7LL		
HATS for iSeries Registered User SW Maintenance Annual Renewal	E016WLL		
HATS for iSeries Registered User SW Maintenance Reinstatement 12	D53H8LL		

Passport Advantage customer: media pack entitlement details

Host Access Transformation Services for iSeries

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

Part description	Part number	HATS iSeries eServer i5 520 V6.0.3	Entitled maintenance offerings description	Media packs description	Part number
IBM Host Access Transformation Services for eServer i5 520					
HATS iSeries eServer i5 520 Processor P05 License & SW Maintenance 12 Mont	D552VLL				
HATS iSeries eServer i5 520 Processor P05 SW Maintenance Annual Renewal	E01SWLL				
HATS iSeries eServer i5 520 Processor P05 SW Maintenance Reinstatement 12	D552WLL	Host Access Transformation Services for eSvr i5 520 Proc P05		HATS iSeries eServer i5 520 Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Turkish, Italian) i5/OS V5, OS/400 V5.x CD ROM Digital Disk — ISO 9660 Standard	BM03IML
HATS iSeries eServer i5 520 Processor P05 to P10 License & SW Maintenance	D552ULL				
HATS iSeries eServer i5 520 Processor P10 License & SW Maintenance 12 Mont	D552SLL				
HATS iSeries eServer i5 520 Processor P10 SW Maintenance Annual Renewal	E01SVLL				
HATS iSeries eServer i5 520 Processor P10 SW Maintenance Reinstatement 12	D552TLL				

Passport Advantage supply

Program name/description	Part number	Host Access Transformation Services for eSvr i5 520 Proc P10	HATS iSeries eServer i5 520 Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Turkish, Italian) i5/OS V5, OS/400 V5.x CD ROM Digital Disk — ISO 9660 Standard	Part number
HATS Multi V6.0.3 Media Pack Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Turkish, Italian) Windows 2000, Windows XP, Windows Server 2003, Linux for x86Series Intel-based servers CD ROM Digital Disk — ISO 9660 Standard V6.0.3	BM03JML			BM03IML
HATS iSeries V6.0.3 Media Pack Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Turkish, Italian) Windows 2000, Windows XP, Windows Server 2003, Linux for x86Series Intel-based servers CD ROM Digital Disk — ISO 9660 Standard V6.0.3	BM03KML	Host Access Transformation Services for eSvr i5 520 Proc P10	HATS iSeries eServer i5 520 Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Turkish, Italian) i5/OS V5, OS/400 V5.x CD ROM Digital Disk — ISO 9660 Standard	BM03IML

HATS iSeries V6.0.3

Entitled maintenance offerings description	Media packs description	Part number	Entitled maintenance offerings description	Media packs description	Part number
Host Access Transformation Svcs for eSvr iSer per Processor	HATS iSeries Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Turkish, Italian) Windows 2000, Windows XP, Windows Server 2003, Linux for x86Series Intel-based servers CD ROM Digital Disk —ISO 9660 Standard	BM03KML	Host Access Transformation Svcs for Multi per Proc	HATS Multi Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Turkish, Italian) Windows 2000, Windows XP, Windows Server 2003, Linux for x86Series Intel-based servers CD ROM Digital Disk —ISO 9660 Standard	BM03JML
Hst Acc Transformation Services Intranet iSeries Reg User	HATS iSeries Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Turkish, Italian) Windows 2000, Windows XP, Windows Server 2003, Linux for x86Series Intel-based servers CD ROM Digital Disk —ISO 9660 Standard	BM03KML	Host Access Transformation eServ zSeries per Registered User	HATS Multi Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Turkish, Italian) Windows 2000, Windows XP, Windows Server 2003, Linux for x86Series Intel-based servers CD ROM Digital Disk —ISO 9660 Standard	BM03JML
			IBM Host Access Transformation Services Intranet Reg User	HATS Multi Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Turkish, Italian) Windows 2000, Windows XP, Windows Server 2003, Linux for x86Series Intel-based servers CD ROM Digital Disk —ISO 9660 Standard	BM03JML

HATS Multi V6.0.3

Entitled maintenance offerings description	Media packs description	Part number
Host Access Transformation Svcs Multi perproc zSer (S/390®)	HATS Multi Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Turkish, Italian) Windows 2000, Windows XP, Windows Server 2003, Linux for x86Series Intel-based servers CD ROM Digital Disk —ISO 9660 Standard	BM03JML

Cross-Platform Product for Use on zSeries

Order the part numbers that follow when there is an intention to acquire this cross-platform product for deployment on the zSeries/S/390 platform. This set of part numbers provides the identical supply and authorization as the other set in this announcement. The distinction is to identify the planned deployment platform.

Program name/description	Part number
HATS Multi Proc zSeries from competitive tradeup TRDUP LIC+SW MAINT 12 Mnth	D56Q9LL
HATS Multi Reg.User zSer from Comp prod./ emulator TRDUP LIC+SW MAINT 12 MO	D54R9LL

Program name/description	Part number
HATS for Multi Processors for zSeries License & SW Maintenance 12 Months	D56Q7LL
HATS for Multi Processors for zSeries SW Maint. Reinstatement 12 Months	D56Q8LL
HATS for Multi Processors for zSeries SW Maintenance Annual Renewal	E02B8LL
HATS for Multi Registered User for zSeries License & SW Maint 12 Months	D54R7LL
HATS for Multi Registered User for zSeries SW Maint Reinstatement 12 Months	D54R8LL
HATS for Multi Registered User for zSeries SW Maintenance Annual Renewal	E01NHLL

Terms and conditions

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

Licensing: IBM International Program License Agreement. 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.

Program name	Program number	Form number
Host Access Transformation Services for Multi	5724-L02	L-DDCA-6GGKTQ
Host Access Transformation Services for iSeries	5724-L03	L-DDCA-6GFRB7
Host Access Transformation Services eServer i5 520	5724-L03	L-DDCA-6HJKZC

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

<http://www.ibm.com/software/sla/sladb.nsf>

Limited warranty applies: 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.

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

Product name

Copy and use on home/portable computer?

Host Access Transformation Services for Multi	No
Host Access Transformation Services for iSeries	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

Program-unique terms

The following text is taken from the IBM WebSphere Host Access Transformation Solution LI documents included with your purchase and is included here for your convenience.

HATS for iSeries

The WebSphere Host Access Transformation Services for iSeries defined as the "Program", may only be used for 5250 emulation. The Program is available based on two charging methods: Registered Users and Processor. Consult your Proof of Entitlement to determine which charging method applies to your license.

The Registered Users and Processor versions of the Program consist of the following Components:

- IBM WebSphere Host Access Transformation Services ("HATS") Toolkit
- IBM WebSphere Host Access Transformation Services ("HATS") Runtime
- IBM WebSphere Application Server — Express ("Application Server — Express")

Entitlement to Program upgrades does not entitle you to upgrades to the individual components unless such components are upgraded as part of a Program upgrade. For example, if the IBM WebSphere Application Server — Express program product is upgraded, you will not be entitled to such upgrade unless a Program upgrade includes the upgraded version of IBM WebSphere Application Server — Express.

Program-unique terms

The Program is available based on two charging methods: Registered Users and Processor. If the Registered Users charging method is selected, the number of Program licenses purchased must equal the number of Registered Users accessing the Program from the Internet and/or intranet.

Registered Users License option

A Registered User is defined as a person who accesses and uses (i) the Program or (ii) a connection to an existing application from the Program. A Registered User is considered a distinct user. A Registered User Authorization is required for each distinct person that will access and use the Program. A Registered User license to the Program entitles a distinct Registered User to access and use the components of the Program subject to the limitations under "Component Restrictions" below.

Connections (from either users or other applications) made to the Program through other products that act as connection concentrators must be counted as Program users and are subject to use-base charges based on the number of Registered Users of those concentrators.

Processor License option

For each Proof of Entitlement you obtain under the Processor License Option, you are authorized to deploy and run HATS applications on a machine with a single processor. Alternatively, you may deploy and run HATS applications on a machine with multiple processors if you either:

- i. acquire a Processor License Option Proof of Entitlement for each processor on such machine, or
- ii. for the partitionable iSeries and AS/400® machines running OS/400, acquire a Single Processor Proof of Entitlement to the Program for each processor on such machine actually used by the HATS Components.

“Special Processor Implementation Instructions” can be found at the Welcome Page of the HATS InfoCenter Web site

<http://publib.boulder.ibm.com/infocenter/hatsv6/index.jsp?topic=/com.ibm.hats.doc/doc/hatshsw.htm>

Component restrictions

IBM WebSphere Host Access Transformation Services Toolkit

The license to the Program entitles you to use the HATS Toolkit for an unlimited number of developers on an unlimited number of workstations for development purposes. Your entitlement to the HATS applications (Runtime deployments), which are generated by the HATS Toolkit, must be in accordance with one of the charging methods above when deployed to production.

IBM WebSphere Application Server — Express

Registered Users License option

The Program is accompanied by WebSphere Application Server — Express. Except as modified by this Agreement, your use of the WebSphere Application Server — Express components will be governed by the license terms that accompany the WebSphere Application Server — Express components. The license to the Program entitles you to install and use one WebSphere Application Server — Express on a machine with a single processor provided that you acquire 50 Registered User authorizations. You may use one additional WebSphere Application Server — Express on one additional processor for each additional 100 Registered User authorizations that you acquire.

HATS Registered Users to Total Copies of WebSphere Application Server — Express

- 1 to 49 — 0
- 50 to 149 — 1
- 150 to 249 — 2
- 250 to 349 — 3
- and so on

For each WebSphere Application Server — Express to which you are entitled, you are authorized to install and use each component of WebSphere Application Server — Express on a machine with a single processor. Alternatively, you may install and use each copy of WebSphere Application Server — Express on a machine with multiple processors if you either:

- i. allocate a copy of WebSphere Application Server — Express to which you are entitled per this Agreement to each additional processor on such machine; or,
- ii. acquire a Single Processor Proof of Entitlement of WebSphere Application Server — Express for each additional processor on such machine; or,
- iii. for partitionable iSeries and AS/400 machines running OS/400, allocate a copy of WebSphere Application Server — Express to which you are entitled per this Agreement to each additional processor on such machine or acquire a Single Processor Proof of Entitlement of WebSphere Application Server — Express for each processor actually used by the entitled copy of WebSphere Application Server — Express on such machine, as measured or limited using IBM provided tools. To determine the number of processors in a machine actually used by the entitled copy of WebSphere Application Server — Express, you may aggregate portions of physical processors used in the same machine, but you must acquire an additional Single Processor Proof of Entitlement of WebSphere Application Server — Express for any remaining fraction of a processor in such machine used by the entitled copy of WebSphere Application Server — Express after this aggregation.

Processor License option

You are authorized to install and use one WebSphere Application Server — Express on the same server machine per each deployment of HATS processor to which you are entitled under this Agreement.

In any event, the license to the Program limits your use of WebSphere Application Server — Express to machines with up to two processors. However, there is no limit on the number of machine processors if you use WebSphere Application Server — Express on iSeries and AS/400 machines running OS/400 or i5/OS.

You are entitled to use the WebServer Plugins to improve security by having an HTTP server run on a separate machine from WebSphere Application Server — Express. You are authorized to only have a one to one web server to application server link with no load balancing support.

In addition, the license to the Program entitles you to use the WebSphere Application Server — Express components only to run HATS applications, to run objects created by HATS applications, and to enable connections with HATS applications to other applications and sources of data. The license to the Program does not for instance, entitle you to use the WebSphere Application Server — Express components to run applications that do not require the HATS applications to operate. If you wish to use the WebSphere Application Server — Express components without these restrictions, you must purchase separate authorizations to use the WebSphere Application Server — Express components.

HATS for Multiplatforms and HATS for zSeries

The WebSphere Host Access Transformation Services for Multiplatforms, or the WebSphere Host Access Transformation Services for zSeries, each defined as the “Program”, is available based on two charging methods: Registered Users and Processor. Consult your Proof of Entitlement to determine which charging method applies to your license.

The Registered Users and Processor versions of the Program consist of the following Components:

- IBM WebSphere Host Access Transformation Services (“HATS”) Toolkit

- IBM WebSphere Host Access Transformation Services (“HATS”) Runtime
- IBM WebSphere Application Server

Entitlement to Program upgrades does not entitle you to upgrades to the individual components unless such components are upgraded as part of a Program upgrade. For example, if the IBM WebSphere Application Server program product is upgraded, you will not be entitled to such upgrade unless a Program upgrade includes the upgraded version of IBM WebSphere Application Server.

Program-unique terms

The Program is available based on two charging methods: Registered Users and Processor. If the Registered Users charging method is selected, the number of Program licenses purchased must equal the number of Registered Users accessing the Program from the Internet and/or intranet.

Registered Users License option

A Registered User is defined as a person who accesses and uses (i) the Program or (ii) a connection to an existing application from the Program. A Registered User is considered a distinct user. A Registered User Authorization is required for each distinct person that will access and use the Program. A Registered User license to the Program entitles a distinct Registered User to access and use the components of the Program subject to the limitations under “Component Restrictions” below.

Connections (from either users or other applications) made to the Program through other products that act as connection concentrators must be counted as Program users and are subject to use-base charges based on the number of Registered Users of those concentrators.

Processor License option

For each Proof of Entitlement you obtain under the Processor License Option, you are authorized to deploy and run HATS applications on a machine with a single processor. Alternatively, you may deploy and run HATS applications on a machine with multiple processors if you either:

- i. acquire a Processor License Option Proof of Entitlement for each processor on such machine, or
- ii. for the partitionable iSeries and AS/400 machines running OS/400, acquire a Single Processor Proof of Entitlement to the Program for each processor on such machine actually used by the HATS Components.

“Special Processor Implementation Instructions” can be found at the Welcome Page of the HATS InfoCenter Web site

<http://publib.boulder.ibm.com/infocenter/hatsv6/index.jsp?topic=/com.ibm.hats.doc/doc/hatshsw.htm>

Component restrictions

IBM WebSphere Host Access Transformation Services Toolkit

The license to the Program entitles you to use the HATS Toolkit for an unlimited number of developers on an unlimited number of workstations for development purposes. Your entitlement to the HATS applications (Runtime deployments), which are generated by the HATS Toolkit, must be in accordance with one of the charging methods above when deployed to production.

IBM WebSphere Application Server

Registered Users License Option

The Program is accompanied by WebSphere Application Server. Except as modified by this Agreement, your use of the WebSphere Application Server components will be governed by the license terms that accompany the WebSphere Application Server components. The license to the Program entitles you to install and use one copy of WebSphere Application Server on a machine with a single processor provided that you acquire 50 Registered User authorizations. You may use one additional copy of WebSphere Application Server on one additional processor for each additional 100 Registered User authorizations that you acquire.

HATS Registered Users to Total Copies of WebSphere Application Server

- 1 to 49 —0
- 50 to 149 —1
- 150 to 249 —2
- 250 to 349 —3
- and so on

For each copy of WebSphere Application Server to which you are entitled, you are authorized to install and use each component of WebSphere Application Server on a machine with a single processor. Alternatively, you may install and use each copy of WebSphere Application Server on a machine with multiple processors if you either:

- i. allocate a copy of WebSphere Application Server to which you are entitled per this Agreement to each additional processor on such machine; or,
- ii. acquire a Single Processor Proof of Entitlement of WebSphere Application Server for each additional processor on such machine; or,
- iii. for partitionable iSeries and AS/400 machines running OS/400, allocate a copy of WebSphere Application Server to which you are entitled per this Agreement to each additional processor on such machine or acquire a Single Processor Proof of Entitlement of WebSphere Application Server for each processor actually used by the entitled copy of WebSphere Application Server on such machine, as measured or limited using IBM provided tools. To determine the number of processors in a machine actually used by the entitled copy of WebSphere Application Server, you may aggregate portions of physical processors used in the same machine, but you must acquire an additional Single Processor Proof of Entitlement of WebSphere Application Server for any remaining fraction of a processor in such machine used by the entitled copy of WebSphere Application Server after this aggregation.

Processor License option

You are authorized to install and use one copy of WebSphere Application Server on the same server machine per each deployment of HATS processor to which you are entitled under this Agreement.

In addition, the license to the Program entitles you to use the WebSphere Application Server components only to run HATS applications, to run objects created by HATS applications, and to enable connections with HATS applications to other applications and sources of data. The license to the Program does not for instance, entitle you to use the WebSphere Application Server components to run applications that do not require HATS applications to operate. If you wish to use the WebSphere

Application Server components without these restrictions, you must purchase separate authorizations to use the WebSphere Application Server components.

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

Prices

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>

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