



IBM Systems and Storage Update

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Last year, on January 29, 2008, IBM formally announced IBM i V6R1. I am seeing a lot of activity related to V6R1 projects recently. As such, I wanted to summarize the changes that were announced in the IBM i development tools as it relates to licensing and packaging of products. This is not new, but I thought it might be of interest to you as you get ready to move to V6R1. Basically, WDS is repackaged to Rational and the workstation products – WDSC has been withdrawn from marketing and has a short support life. I also included a withdrawal and support section. Let me know if you would like additional details on a particular topic or product. I would be happy to review any of this material in detail with you and your company.

1. WDS (WEBSPHERE DEVELOPMENT STUDIO) REPACKAGING TO RATIONAL

- All tooling was contained in 5722-WDS under i5/OS V5R4
- WDS unbundles to 5761-WDS with (3) product features in i5/OS V6R1
 - 1) ILE Compilers
 - Enhanced and Strategic
 - ILE RPG, ILE Cobol, ILE C, ILE C++
 - 2) Heritage Compilers
 - Stabilized (i.e. 'Not being enhanced')
 - S36, S38, RPG/400,OPM COBOL
 - 3) ADTS (Application Development Toolset)
 - Option 21 includes SEU, PDM, SDA, RLU, and DFU
 - Stabilized (i.e. 'Not being enhanced')
 - Will support IBM i 6.1 RPG and Cobol compilers , but will NOT support future releases of the compilers
- New WDS is priced by named users with a minimum number of users (for new systems) based on software processor tier
- Current 5722-WDS licenses on SWM will entitle you to a set number of users (this number has been increased from original announcement) based on software processor tier of the (3) 5761-WDS product features ; additional users can be purchased as needed as per below table

5761-WDS Software Tier	Min Users	Users w/ WDS Upgrade	ILE Compilers (per user)	Heritage Compiler (per user)	ADTS (per user)
P05	1	10	\$1,795	\$1,295	\$795
P10	3	15	\$1,795	41,295	\$795
P20	4	25	\$1,795	\$1,295	\$795
P30	10	40	\$1,795	\$1,295	\$795
P40	15	60	\$1,795	\$1,295	\$795
P50	20	80	\$1,795	\$1,295	\$795
P60	25	100	\$1,795	\$1,295	\$795

2. WORKSTATION PRODUCTS

WDSC 7.0 and WDSC-AE 7.0 (WebSphere Development Studio Client and WDSC Advanced Edition)

- Stabilized at V5R4; end of marketing was April 2008 and end of service scheduled for April 2010
- WDSC licensing was unlimited users in V5R4 and part of 5722-WDS license at no charge.
- WDSC-AE was always a chargeable product and licensed only through IBM Passport Advantage
- WDSC and WDSC-AE will NOT support enhancements made to the RPG or Cobol compilers at IBM i 6.1

New Rational products RDi, RDi SOA, HATS for 5250 applications and RAD

- RDi (Rational Developer for System i) – 5733-RDi
 - Lightweight Eclipse based and IBM's strategic development tool for RPG, Cobol and CL programs (replaces server side – ADTS)
 - Complete end to end edit, compile, and interactive debug support.
 - New features include Application Diagram (previously only shipped with WDSC-AE) and the new 5250 screen designer.
 - Does not support JAVA
 - \$795 per named user
 - 40% discount available for ADTS license trade-up; for example if you are entitled to (10) ADTS users, you can get 40% discount on RDi licenses for (10) users
 - Separate SWM (i.e. not included with IBM i SWM)
- RDi SOA – 5733-SOA
 - IBM's entry to SOA for IBM i customers
 - Product includes RDi above plus RBD (Rational Business Developer)
 - Provides EGL (Enterprise Generation Language) – IBM's latest development language for IBM i
 - Provides ability to create and consume web services in a SOA environment
 - Provides wizards to generate web services over RPG, COBOL and other programs running on your IBM i environment.
 - HAT 5250 toolkit is included with RDi SOA
 - End to end Web and SOA solutions
 - \$1,995 per named user
 - Can be upgraded from RDi licenses
 - Separate SWM (i.e. not included with IBM i SWM)
- HATS for 5250 applications
 - Webfacing and HATS
- RAD (Rational Application Development)
 - Advanced Java development (J2EE) and is IBM's recommended suite of tools for Java development
 - Full Java development capabilities and contains an advanced suite of tools to facilitate development testing and deployment of sophisticated Java applications
 - Add RDi in order to leverage existing RPG, COBOL or CL program assets
 - \$4,200 per named user

- Available only through IBM Passport Advantage

3. **ISERIES WITHDRAWAL SUPPORT AND PLANNING INFORMATION**

*(New announcements are in **Bold**; others have been repeated for your reference)*

- **V5R4 will be withdrawn from marketing effective 1/31/2010**
- **Power 6 based systems will be the last models that support HSL/RIO drawers/towers. Future systems will only support the 12x drawers/towers.**
- **Power 6 based systems will be the last models that support IOPs. Future systems will only support IOPlless adapters. This will impact a lot of features. Twinax and IXS will not be supported on future systems. Certain tape drives that require an IOP for its attachment will no longer be supported.**
- V5R3 support will be withdrawn on 4/30/2009
- No disk controllers with unprotected write cache will be supported on POWER6 systems
- V5R4 is the final release to be supported on system models 270, 820, 830 and 840.
- V6R1 is the final release to be supported on models 800, 810, 825, 870 and 890.
- Models 5xx are the last models to support the following towers/features and tape drives:
 - #5074/#5075/5079 original HSL towers
 - Optical HSL
 - 8 GB and 17 GB 10k RPM drives
 - 13 older PCI cards including the following
 - #4748/#4778 disk controllers
 - #2765/2766 Fibre channel controllers
 - Older tape drives including:
 - 9348 reel to reel tape drives
 - 3570 MagStar tape drives
 - 3490 HVD SCSI tape drives (#2749 attach)
 - 358x LTO-1 HVD SCSI tape drive (#2749 attach)
 - 4 GB, 16 GB and 25 GB internal Qinch tape drives
 - All VXA tape drives

*We hope you found the above to be helpful.
Comments or suggestions are always welcome. Thank you very much!!*

For more information or if you have questions,
please send a note to:
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