IBM Tivoli Workload Scheduler for Applications Version 8.2 Release Notes

IBM

This document provides the following information:
- New features
- Platform support
- Installation information
- Known limitations

New Features

This version of IBM Tivoli Workload Scheduler for Applications includes the following enhancements:
- Additional platform support. In particular:
  - Linux for zSeries for the R/3 and z/OS access methods
  - z/OS 64Bit support for the z/OS access method (gateway component)
- A new common installation process through:
  - Install Shield Multiplatform (ISMP) Installer
  - Tivoli Software Distribution 4.2 Packages (SPB)
- The Option Editor which allows for the management of access method options files
- A return code mapping utility
- A customizable tracing utility
- Support for end-to-end scheduling for all access methods
- Access method-specific enhancements. In particular:
  - For the PeopleSoft access method
    - Support for PeopleSoft Version 8.4x
    - Additional task string parameters to enhance control of PeopleSoft jobs with Tivoli Workload Scheduler
  - For the R/3 access method
    - Complete coverage of the SAP BC-XBP 2.0 interface
    - SAP Business Information Warehouse Integration
    - SAP variant maintenance through the Tivoli Job Scheduling Console
    - Support for R/3 Logon Groups
  - For the z/OS access method
    - Support for JES3 with z/OS Version 1.2 or higher
    - Packaging of the gateway module also on CD-Rom (in addition to tape)

Supported Platforms

The following table lists what platforms are supported by this version of IBM Tivoli Workload Scheduler for Applications:

Table 1. Supported Platforms

Platform	Access Method				
	z/OS (Gateway)	z/OS (Transaction Server)	R/3	PeopleSoft	Oracle eBusiness Suite
IBM OS/390 V2R10 and higher	X				
IBM z/OS V1R1 and higher	X				
IBM AIX Versions 4.3.3, 5.1, 5.2		X	X		X
IBM Sequent Dynix Version 4.5.1		X			
Solaris Operating Environment Versions 7, 8, 9		X	X		X
Hewlett Packard PA-RISC Versions 11.0, 11i		X	X		X
SuSE Linux Enterprise Server Version 7 for OS/390 and zSeries (kernel 2.4)		X	X		
RedHat Linux for OS/390 and zSeries Version 7		X	X		
RedHat Linux (Intel) Versions 7.2, 7.3			X		
SuSE Linux (Intel) Enterprise Server Version 8			X		
Microsoft Windows NT Version 4.0 with Service Pack 6a		X	X	X	
Microsoft Windows 2000 with Service Pack 3 Professional, Server, Advanced		X	X	X	
Compaq Tru64 Version 5.1		X	X		
SGI Irix Version 6.5.x		X			

Software Requirements

Software requirements are as stated in the *IBM Tivoli Workload Scheduler for Applications User's Guide*.

Installation Notes

There are three alternative ways to install IBM Tivoli Workload Scheduler for Applications:
- Using the InstallShield Multi-Platform (ISMP) wizard
- Running the InstallShield silent installation option
- Using the Software Distribution component of Tivoli Configuration Manager

These are described in the *IBM Tivoli Workload Scheduler for Applications User's Guide*.

Be aware of the following:
- To be able to use the ISMP installation wizard on your computer, your operating system must be able to run Java Runtime Environment (JRE) Version 1.3.1. Some platforms require maintenance levels to support JRE 1.3.1. Refer to the following table to learn if your operating system requires to be patched or not. For the supported platforms not included in this table, no additional patches are required.

Table 2. Patches Required to Run JRE 1.3.1

Operating System	Patch Required to Run JRE 1.3.1
IBM AIX Version 4.3.3	AIX 4330–10 Recommended Maintenance Level.
IBM AIX Version 5.1	AIX 5100–02 Recommended Maintenance Level. This requires that APAR IY19375 be previously applied and committed. If you are using one of the supported non-UTF8 CKJ locales, one of the following filesets (available on the AIX 5.1 base CD) is required: – X11.fnt.ucs.ttf (for ja_JP or Ja_JP) – X11.fnt.ucs.ttf_CN (for zh_CN or Zh_CN) – X11.fnt.ucs.ttf_KR (for ko_KR) – X11.fnt.ucs.ttf_TW (for zh_TW or Zh_TW) For Japanese users: if you are using Japanese Input Method, you may apply the following PTFs to avoid some Input Method-related problems. – jkit.Wnn6.base 2.2.0.2 (PTF U479697 or APAR IY22917) (Wnn6 user only) – X11.motif.lib 5.1.0.15 (PTF U479604 or APAR IY22933) (AIX 5.1 user only)
Solaris Operating Environment Versions 7, 8, 9	Patch Clusters dated January 2002 or later.
Hewlett Packard PA-RISC Versions 11.0, 11i	Operating system patches should be installed before you install the product. To determine which patches have been installed on your computer, login as root and run: `/usr/sbin/swlist -l product` To support JRE 1.3.1.05, you should have: – For HP-UX 11.0, Quality Pack QPK1100 – For HP-UX 11i, Quality Pack GOLDQPK11i

- When you install via the ISMP wizard on Hewlett Packard PA-RISC computers, in all cases a window is displayed asking to provide the installation path and the name of the Tivoli Workload Scheduler instance where you intend to install the product.
- You may not want to install directly from the product CD-Rom, but prefer to copy the installation files on the computer where you will install. In this case, make sure that, in doing so, you maintain the original file tree of the CD-Rom within your selected platform. The following is the layout of the CD-Rom of IBM Tivoli Workload Scheduler for Applications:

```
./SOLARIS/SPB/TWS4APPS_R3BATCH_SOLARIS.SPB
./SOLARIS/SPB/TWS4APPS_ZOSAGENT_SOLARIS.SPB
./SOLARIS/SPB/TWS4APPS_MCMAGENT_SOLARIS.SPB
./SOLARIS/SPB/TWS4APPS_OPTED.SPB
./SOLARIS/setup.bin
./OSF/TWS4APPS_R3BATCH_OSF.TAR
```

```
./OSF/TWS4APPS_ZOSAGENT_OSF.TAR
./HP/SPB/TWS4APPS_R3BATCH_HP.SPB
./HP/SPB/TWS4APPS_ZOSAGENT_HP.SPB
./HP/SPB/TWS4APPS_MCMAGENT_HP.SPB
./HP/SPB/TWS4APPS_OPTED.SPB
./HP/setup.bin
./LINUX/SPB/TWS4APPS_R3BATCH_LINUX.SPB
./LINUX/SPB/TWS4APPS_OPTED.SPB
./LINUX/setup.bin
./AIX/SPB/TWS4APPS_R3BATCH_AIX.SPB
./AIX/SPB/TWS4APPS_ZOSAGENT_AIX.SPB
./AIX/SPB/TWS4APPS_MCMAGENT_AIX.SPB
./AIX/SPB/TWS4APPS_OPTED.SPB
./AIX/setup.bin
./LINUX390/SPB/TWS4APPS_R3BATCH_LINUX390.SPB
./LINUX390/SPB/TWS4APPS_ZOSAGENT_LINUX390.SPB
./LINUX390/SPB/TWS4APPS_OPTED.SPB
./LINUX390/setup.bin
./I386NT/SPB/TWS4APPS_R3BATCH_I386NT.SPB
./I386NT/SPB/TWS4APPS_ZOSAGENT_I386NT.SPB
./I386NT/SPB/TWS4APPS_OPTED.SPB
./I386NT/SPB/TWS4APPS_PSAGENT_I386NT.SPB
./I386NT/setup.exe
./DYNIX/TWS4APPS_ZOSAGENT_DYNIX.TAR
./IRIX/TWS4APPS_ZOSAGENT_IRIX.TAR
./RESPONSE_FILE/silent.txt
./ZOS/LOADLIB
./ZOS/SAMPLES
./JVM_CM/JRE131_AIX.SPB
./JVM_CM/JRE131_HP.SPB
./JVM_CM/JRE131_I386NT.SPB
./JVM_CM/JRE131_LINUX.SPB
./JVM_CM/JRE131_LINUX390.SPB
./JVM_CM/JRE131_SOLARIS.SPB
```

Known Limitations

The following are known limitations:

- Access method for PeopleSoft: `CheckFile` syntax is not supported with PeopleSoft Version 8.*x*.
- Access method for R/3: Changes of **Type** do not work in the Steps page of the SAP Job Definition window in the Job Scheduling Console (Defect 11020).

  If you:

  1. In the Task page of the Properties-Job Definition window for a SAP job, select **New**.
  2. In the Steps page of the SAP Job Definition window, insert a new ABAP step and fill the mandatory fields.
  3. Insert a new step of a different type, in this case `EXT Program`, and select **OK**.

  The new `Ext program` values are not saved and the following message is displayed:

  `EEWO0566E target host name is required for external step definition`

  A possible workaround is to save the definition of the step before changing the type of the new step. For example:

  1. Define the steps with type ABAP. Select **OK**.
  2. Go back to the Steps page to insert a new external program step. If you want to insert a new ABAP step, select **OK** and go to the Step window again to insert a new step of type ABAP.