Tivoli® software

IBM Tivoli Workload Scheduler

Highlights

■ *Helps drive production accord-ing to business objectives*

■ *Automates production workloads to enhance productivity*

■ *Contributes to unattended operations*

■ *Delivers information about current and future workloads*

■ *Manages a high number of activities efficiently*

■ *Extends scope of centralized workload management*

IBM® Tivoli® Workload Scheduler is a production automation solution for managing workloads in mission-critical computing environments automatically, across the enterprise.

Effective by design

The architecture of Tivoli Workload Scheduler can allow mission-critical applications to run within a secure, fault tolerant and scalable infrastruc-ture. From a single point of control it can support multiple platforms, from UNIX® to Microsoft® Windows®, and features advanced integration with enterprise applications such as SAP R/3, SAP Business Warehouse, Oracle® E-Business Suite and PeopleSoft.

Tivoli Workload Scheduler can help you prepare jobs for execution, resolve interdependencies, and launch and track each job. Because your jobs can begin as soon as their dependencies are satisfied, idle time can be reduced and throughput can be improved. Jobs are unlikely to process out of sequence; and if a job fails, Tivoli Workload Scheduler can handle the recovery process, often with little or no operator intervention.

Easy integration

Tivoli Workload Scheduler includes Tivoli Workload Scheduler for z/OS™, a host-based workload management solution. The two solutions integrate
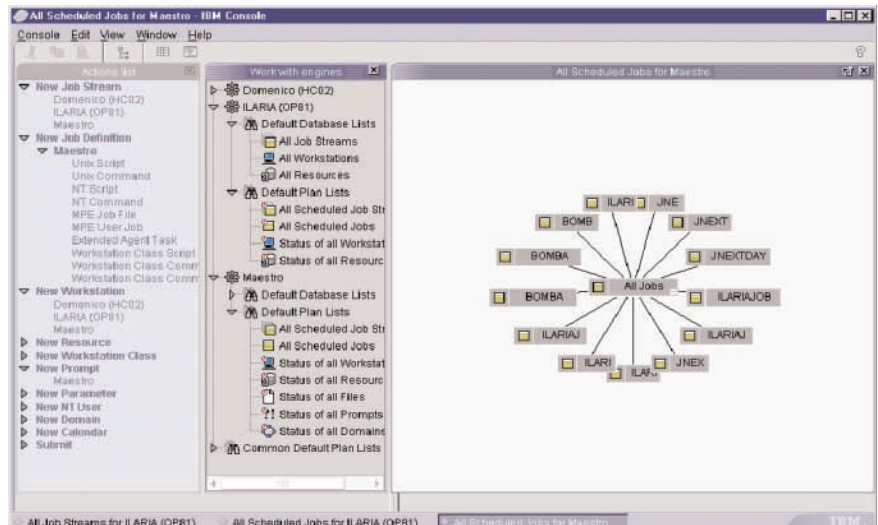
The Tivoli Workload Scheduler graphical user interface displays a list of job streams.

to manage job scheduling from client/server applications to desktop computing to heritage mainframe production. Tivoli Workload Scheduler also can integrate with other mainframe scheduling products.

Centralized management

Tivoli Workload Scheduler can help automate, monitor and control the flow of work through your enterprise— on both local and remote systems. From a single point of control the suite can analyze the status of the production work and drive the processing of the workload according to installation business policies. It supports a multiple-end-user environment, allowing you to distribute processing and control across sites and departments within your enterprise.

Latest enhancements to Tivoli Workload Scheduler

- *Enhanced firewall support for added security and remote management*
- *Authentication and encryption using SSL to prevent unauthorized intrusions*
- *Improved catalog management can reduce problems associated with functions such as dataset cleanup and job restart*
- *Increased accuracy for job flow planning—even down to the second*
- *Integrated with IBM Tivoli Business Systems Manager to help provide quick determination of problems within Tivoli Workload Scheduler jobs*
- *Improved control of the vaulting of tape volumes and the management of expiration dates through integration with Tivoli Removable Media Manager*

- *Intelligent calendar functions allow particular projects to be automatically moved to the next or previous working day to avoid running work on business holidays*

Usability has been enhanced as well, including:

- *Improved table designs allow one-click sorting and filtering of rows for each view*
- *New "common engine" query allows you to define job lists that cross scheduling engine and platform boundaries*
- *Updated "look and feel" embraces standards common across many Tivoli products*

Enhancements for complex networks

Performance enhancements can benefit networks with many CPUs, large scheduling plans and complex relations between scheduling objects.

- *Inline compression of data transmission can speed network communications*
- *Caching messages in memory allows Tivoli Workload Scheduler to access files less frequently and can help optimize the use of system resources*
- *The ability to compress the Symphony file can allow administrators to distribute the daily plan to other nodes quickly*
- *Input/output optimization can allow Tivoli Workload Scheduler to access files less frequently, helping optimize the use of system resources*

Linux support

Tivoli Workload Scheduler now supports Linux® for Intel® (Red Hat 7.2) as a master domain manager and fault tolerant agent, and Linux for S/390® (SuSE 7.0) as a fault tolerant agent.

To learn more

For more information about Tivoli Workload Scheduler and integrated solutions from IBM, contact your IBM sales representative or visit **ibm.com**/tivoli/solutions/co

Tivoli software from IBM

An integral part of the comprehensive IBM e-business infrastructure solution, Tivoli technology management software helps traditional enterprises, emerging e-businesses and Internet businesses worldwide maximize their existing and future technology investments. Backed by world-class IBM services, support and research, Tivoli software provides a seamlessly integrated and flexible e-business infrastructure management solution that uses robust security to connect employees, business partners and customers.

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IBM Tivoli Workload Scheduler at a glance

Tivoli Workload Scheduler 8.1 Connector runs on the following software platforms:

- IBM AIX® 4.3.3s, 5.1 and 5.2
- Hewlett-Packard HP-UX 11.0 and 11i
- Sun™ Solaris™ 2.7, 2.8 and 2.9
- Windows NT®, Version 4.0 Service Pack 5 through Service Pack 6A
- Windows 2000 Professional, Server, Advanced Server Service Pack 1 or Service Pack 2
- Windows XP Professional, Server, Advanced Server Service Pack 1
- Linux Red Hat 7.1 and 7.2

Tivoli Workload Scheduler 8.1 Fault Tolerant Scheduling Agent runs on the following software platforms:

- AIX 4.3.3s, 5.1 and 5.2
- HP-UX 11.0 and 11i
- Sun Solaris 2.7, 2.8 and 2.9
- Windows NT, Version 4.0 Service Pack 5 through Service Pack 6A
- Windows 2000 Professional, Server, Advanced Server Service Pack 1 or Service Pack 2
- Windows XP Professional, Server, Advanced Server Service Pack 1 or Service Pack 2
- Linux Red Hat 7.1 and 7.2
- SuSE Linux for OS/390
- Compaq Tru64 5.1
- IBM OS/400® 4.5, 4.6
- SGI Irix 6.5
- IBM Sequent® DYNIX® 4.5

Tivoli Workload Scheduler for z/OS Connector runs on the following software platforms:

- AIX 4.3.3s, 5.1 and 5.2
- HP-UX 11.0 and 11i
- Sun Solaris 2.7, 2.8 and 2.9
- Windows NT, Version 4.0 Service Pack 5 through Service Pack 6A
- Windows 2000 Professional, Server, Advanced Server Service Pack 1 or Service Pack 2
- Windows 98, Millennium
- Linux Red Hat 7.1 and 7.2

Tivoli Workload Scheduler 8.1 runs with the following Tivoli Workload Scheduler extended agents:

- SAP R/3 Integration 4.0 or later
- PeopleSoft Integration 1.1 or later
- Oracle Financial Integration 1.3 or later
- MVS™ Integration 1.4.6 or later
- Engine 390 and Agents, formerly called Controller 390 and
- Trackers, run on the following operating systems:
- OS/390®, Version 2.6 or later
- z/OS, Version 1.1 or later