



Metascheduling solution for heterogeneous grids

Unify Platform LSF and other workload management systems, for improved asset utilization

Benefits:

- Unify your incompatible grid systems
- Maximize utilization of assets
- Provide a single interface to the grid
- Reduce maintenance & operational costs
- Provide unified reporting metrics
- Preserve freedom of choice for departments
- Reduce overall management costs
- Avoid the cost and complexity of traditional metascheduling approaches

Service Components:

- Initial Assessment
- Configuration Review
- Installation Planning
- Solution Implementation
- Functional Verification
- Documentation
- Ongoing Operational Assistance



Getting the most from your investments in HPC infrastructure

High Performance Computing (HPC) has become a preferred technology in many application areas given its demonstrated ability to provide superior levels of performance and reliability at a lower cost. But in many companies, the move to take advantage of the obvious benefits of distributed computing grids on commodity platforms has been initiated at the departmental level and individual application level. This has led to a proliferation of incompatible workload management solutions in many large enterprises. To build truly global grids and get the most out of software and infrastructure assets, these discrete workload management solutions need to work as a unified system.

Platform Computing has an enterprise vision for grid computing. We recognize the importance of employing corporate standards while still providing individual workgroups and departments the flexibility to deploy the workload management solutions that best suits their needs. By using Platform MetaScheduler to unify Platform LSF with other workload management systems, you can provide a single user interface, improve asset utilization and retain the flexibility to run multiple workload management solutions.

Out of both time and money?
Let Platform Computing show you a
simple solution to unify your workload
management environments



Platform MetaScheduler is a practical approach to integrating multiple workload managers. Platform MetaScheduler allows Platform LSF to submit work to foreign schedulers and query and control jobs transparently and securely. This means that all jobs including those on remote clusters can be controlled and monitored through a single management interface. Jobs running on remote clusters are made to look like Platform LSF jobs in all respects from the perspective of both Platform LSF command line utilities and web-based tools interacting with the Platform LSF API.

By leveraging existing functionality in Platform LSF such as elim and job starters, Platform MetaScheduler solution allows cluster administrators to easily unify cluster environments without the need for complex or costly third party metascheduling solutions. From the perspective of users on the foreign the workload management system, jobs submitted and managed via Platform LSF will appear the same as other jobs would in their native environments.

Backed by the world's foremost experts on HPC computing and workload management solutions, Platform's consultants can provide you with the very best advice to help you consolidate and simplify your disparate grid computing environments. You can take advantage of virtualization while preserving the unique needs of individual departments that may wish to unify Platform LSF environments with popular grid solutions such as Sun Grid Engine™, OpenPBS, Torque, Altair PBSPro™, Microsoft Windows Cluster Compute Cluster Server, and IBM Tivoli Workload Scheduler LoadLeveler™. Call us today for a no obligation consultation, and learn about how we can help you optimize your heterogeneous environment. Platform Computing's consultants have built some of the largest grids in the world, and we would be delighted to assist you with your own unique grid computing challenge.

Platform™

Platform Computing provides software that dynamically connects IT resources to workload demand according to business policies. Over 2,000 of the world's largest organizations rely on our solutions to improve IT productivity and reduce data center costs. Platform has strategic relationships with Dell™, HP, IBM®, Intel®, Microsoft®, Red Hat®, and SAS®. Building on 17 years of market leadership, Platform continues to help data centers be more efficient, responsive and dynamic. Visit www.platform.com

World Headquarters
Platform Computing Inc.
3760 14th Avenue
Markham, Ontario
Canada L3R 3T7
Tel: +1 905 948 8448
Fax: +1 905 948 9975
Toll-free tel: 1 877 528 3676
info@platform.com

Sales - Headquarters
Toll-free tel: 1 877 710 4477
Tel: +1 905 948 8448

North America
New York: +1 646 290 5070
San Jose: +1 408 392 4900
Detroit: +1 248 359 7820

Europe
Basingstoke: +44 (0) 1256 883756
London: +44 (0) 20 7977 1480
Paris: +33 (0) 1 41 10 09 20
Düsseldorf: +49 2102 61039 0
Munich: +49 89 517397 52
Oslo: +44 1256 883756
info-europe@platform.com

Asia-Pacific
Beijing: +86 10 82276000
Xi'an: +86 029 87607400
asia@platform.com
Tokyo: +81 (0)3-6302-2901
info-japan@platform.com
Singapore: +65 6307 6590
lliew@platform.com

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