



News About Moab Technology and Training from Adaptive Computing (formerly Cluster Resources)

Free Training Webinar

Using Moab's SLA-Centric Policies to Create a More Intelligent Compute Environment

Wed., July 14, 1:00 p.m. - 2:00 p.m. EDT

Is your compute environment limiting what jobs can be run, and when? Or are your incoming and calendared jobs determining how your environment is provisioned and allocated to handle the workload? . . .

- ▶ **Are some Linux jobs delayed** because they need a different "flavor" of Linux and must wait until current Linux nodes are idle and can be reprovisioned, often while siloed Windows nodes sit idle?
- ▶ **Are some Windows jobs delayed**, even though a sufficient number of idle nodes are available but provisioned with other OSes?
- ▶ **Do a lot of idle nodes stay fully powered** for long periods of time because it's too much hassle to power them down and back up again to save a little electricity?
- ▶ **Have you resorted to siloing** your environment in an effort to "protect" resources to satisfy job requests?

The solution to all these costly and inefficient scenarios is to **put Moab's intelligent policy engine to work.**

- ▶ With Moab, **you no longer need to create silos** to protect resources for upcoming jobs. Instead, allow Moab to dynamically modify the environment based on job requests.
- ▶ Need a Windows node, but they're all busy? **Moab will find an idle node and swap its operating system** to Windows.
- ▶ Moab ensures that your compute environment is not restricting the types of jobs that can be run. Instead, **upcoming jobs will determine how your environment is configured** from moment to moment.

Join us for a free online demo of how Moab helps you intelligently put hardware resources to full use by employing on-demand multi-OS swapping, energy-aware computing, and other SLA-centric policies.

Register now by going to—

- ▶ <http://www.adaptivecomputing.com/training>

Moab Version Updates

Viewpoint 1.1 and 1.2 for HPC Environments Announced This Month

Adaptive Computing has announced important new releases of Moab Viewpoint™, the next-gen self-service Web portal for Moab users.

These new releases are engineered specifically for the HPC environment. (Moab Viewpoint 1.0, announced April 19, is geared to private cloud creation and management.)

Working with the proven capabilities of Moab Cluster Suite® and Moab Adaptive HPC Suite™ as well as Moab Adaptive Computing Suite™, Moab Viewpoint 1.1 and 1.2 will enable organizations running the world's leading supercomputers to implement HPC as a service (HPCaaS) and workload-driven HPC cloud architectures.

Together, the new releases enable organizations to provide applications and resources as services for compute-intensive environments and significantly reduce the burdensome requirement of understanding exactly how applications interact with the underlying system architecture.

New Moab Viewpoint features include—

- ▶ **New gadgets** for Viewpoint's pluggable architecture, such as "My Workload," provide an intuitive interface for users to manage HPC jobs, services, and resources.
- ▶ **Enhanced administration capabilities** allow the identification and management of "troubled workloads" that have been blocked by policy violations, system failures, or other issues.
- ▶ **Cloud-management functionality** enables users and administrators to implement HPC cloud architectures

Moab Viewpoint™ Version Releases—2010

Version	Release Date	For Use with Moab 5.4 Version of	Key Functionality
1.0	April 2010	Moab Adaptive Computing Suite	Next-generation Web 2.0 self-service portal for the creation and management of VPCs; manages physical and virtual servers
1.1	June 2010	Moab Cluster Suite	Addresses specific requirements of HPC workloads
1.2	August 2010	Moab Adaptive HPC Suite Moab Adaptive Computing Suite	

and services and to submit and manage HPC workloads, including job submission, canceling, and re-queuing capabilities.

- **Policy-management functions** ensure that cloud service-level agreements are met.
- **Flexible billing support** allows organizations to customize accounting and cost-allocation systems.
- **New reporting, charting, and graphing tools** provide users and service managers with information needed to optimize use and delivery of services.

The current and announced versions of Moab Viewpoint, with notes about availability and key functionalities, are summarized in the table above.

To read the entire news release about Moab Viewpoint 1.1 and 1.2, including a list of new Viewpoint features, please visit www.adaptivecomputing.com/news/2010webportal.php.

Upcoming Events

Visit Our Exhibits or Hear Us Speak

- **HP Technology Forum**
June 21–24, Mandalay Bay, Las Vegas, Nevada
- **GigaOM Structure 2010**
June 23, 10:50 a.m. panel discussion with Michael Jackson
Mission Bay Conference Center, San Francisco, California
- **IBM System x Technical University**
July 26–30, Washington, DC
- **Supercomputing 2010**
November 13–19, New Orleans, Louisiana

Read Moab News Online

For your convenience and future reference, all Moab Users Newsletters published since 2008 are available to you online at www.adaptivecomputing.com/newsletters.

Moab in the News

Adaptive Computing has enjoyed a good number of press mentions and full articles in a variety of industry publications during the last month. May we recommend some worthwhile brief reading? . . .

➤ The Register

“Microsoft and Novell Tag Team on HPC,” by Timothy Prickett Morgan, June 1, 2010

http://www.theregister.co.uk/2010/06/01/microsoft_novell_hpc/

➤ HPC in the Cloud

“The Cloud Forecast for HPC: Preview of ISC ‘10,” by Nicole Hemsoth, May 25, 2010

<http://www.hpcinthecloud.com/features/The-Cloud-Forecast-for-HPC-Preview-of-ISC-10-94893789.html>

➤ Integration Developer News

“Adaptive Updates Moab to Automate, Manage Cloud,” by Vance McCarthy, May 24, 2010

<http://www.idevnews.com/stories/4265/Adaptive-Updates-Moab-to-Automate-Manage-Cloud>

➤ insideHPC

“Adaptive Computing Introduces Smarter Moab Suite,” May 11, 2010

<http://insidehpc.com/2010/05/11/adaptive-computing-introduces-smarter-moab-suite/>

To see additional articles and press mentions about Adaptive Computing and Moab technology, visit www.adaptivecomputing.com/news/inthenews.php.

Contact Us

Please send comments and questions about products, tech support, consulting, or custom development to info@adaptivecomputing.com or call us at +1 801-717-3700.