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# Release Notes for Platform RTM

Platform RTM  
Version 2.0.1  
March 2010



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# Release Notes for Platform RTM for SAS

## What's RTM for SAS

Platform RTM for SAS is an operational dashboard customized for the SAS Grid environment. It provides comprehensive reports for day-to-day administrative activities to allow the following:

- Efficient operations with high utilization and throughput by understanding types of workload and resource usage trends and patterns over time.
- Proactively increase user service level by quickly diagnosing and identifying issues.
- Flexible customization features for adding site-specific monitoring and reporting capacities.

## Key features

The following is a list of key features in Platform RTM:

- **Cluster/Host Dashboard:** Provide key performance metrics and status equipped with filtering, sortable columns, and color-coding for the cluster administrator to conduct a health check at a glance.
- **Detailed Job Information:** Track jobs by different groupings with job submission parameters and runtime resource consumption details.
- **Flexible Charting:** 38 built-in graph templates with support for auto-refresh, auto-regeneration, and side-by-side daily, monthly, weekly, and yearly charts for identifying historical trends and patterns.
- **Support for SNMP agent:** Extendable to monitor any SNMP device in the environment.
- **User-defined alerts and alert management:** Support for alert thresholds for any data source with configurable email notification.
- **Cluster Control:** Control your LSF cluster at the cluster-, host-, queue-, and job-level in a web-based GUI (the RTM Console) without having to run LSF job control commands (such as `bst op`, `brun`, or `bki l l`).

## What's New in RTM 2.0.1 for SAS

The following new features are specific to Platform RTM 2.0.1 for SAS:

- **Support for Windows platforms:** In addition to Red Hat Enterprise Linux, RTM 2.0.1 for SAS has added support for Windows 2008 Server and Windows 7.
- **GUI for configuring LSF:** You can now configure common SAS Grid configuration scenarios (queue, hosts, and resources) using the RTM Console without having to manually edit multiple configuration files.
- **Support for SAS Grid HA:** You can now configure and monitor high availability for critical SAS services using the RTM Console.

## System requirements

Hardware requirements for RTM 2.0.1 vary, depending on the number of hosts in the cluster, number of jobs daily, and the data retention period. The requirements below can comfortably support 500 hosts with 100,000 jobs and the default data retention settings.

RTM 2.0.1 supports x86 and x64 architectures with a minimum of 2 GB of RAM and 40 GB of disk space, running one of the following operating systems:

- Red Hat Enterprise Linux 5.x
- Windows 2008 Server
- Windows 2008 Server R2
- Windows 7

RTM 2.0.1 supports the following browsers to access the RTM Console:

- Internet Explorer 7 and 8 (Windows)
- Firefox 3.0 and 3.5 (Linux and Windows)

If you want to use RTM to monitor clusters beyond these requirements, refer to the [README.TUNING](#) guide.

## Supported LSF versions

RTM 2.0.1 supports clusters running LSF versions 6.2, 7.0.2, and 7.0.5.

## Issues to consider

### LSF ports that RTM requires

RTM 2.0.1 requires access to the LIM (load information manager) port. If you do not specify this port, RTM will not be able to communicate with the LSF cluster.

The default LIM port is 6879 for LSF 6.2 clusters and 7869 for LSF 7.x clusters.

RTM 2.0.1 does not need access to the `sbatchd` (slave batch daemon), `mbatchd` (master batch daemon), and `RES` (remote execution server) ports, as it does not need to communicate with these LSF components.

## Known issues

For additional information on installation requirements or issues for your specific platform, refer to the [README for Installing RTM for SAS on Linux](#) or [README for Installing RTM for SAS on Windows](#)

### Fixed installation directory

When installing RTM, you cannot change the installation directory because it is fixed. The default installation directories are as follows:

- Linux: `/opt/rtm`
- Windows (32-bit): `C:\Program Files\Platform Computing\RTM`
- Windows (64-bit): `C:\Program Files (x86)\Platform Computing\RTM`

## Get technical support

## Contact SAS

Contact SAS or your RTM vendor for technical support.

## We'd like to hear from you

If you find an error in any Platform documentation, or you have a suggestion for improving it, please let us know:

### Email

[doc@platform.com](mailto:doc@platform.com)

### Mail

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Be sure to tell us:

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