

# SAS® Monitoring Tools

## Overview of Availability

SAS® VERSION	SAS® MANAGEMENT CONSOLE	SAS® ENVIRONMENT MANAGER	RTM (Requires SAS® Grid)
9.1	Y	N	Y
9.2	Y*	N	Y
9.3	Y*	N	Y
9.4	Y*	Y	Y

\* Enhanced functionality from SAS® 9.2: view spawned server sessions, obtain PID, alter logging level, etc.

## Overview of Functionality

FUNCTION	SAS® MANAGEMENT CONSOLE	SAS® ENVIRONMENT MANAGER	RTM ( <i>grid specific</i> )
Server health	Y	Y	Y
Server utilisation	N	Y	Y
Dashboard	N	Y	Y
Alerts	N	Y	Y
Customisable	N*	Y	Y
Manages metadata	Y	Y	N
Audit/Inspect security	Y	Y	N
Browser based	N	Y	Y
Delivery	Installed by default	Installed by default **	Installed by default **

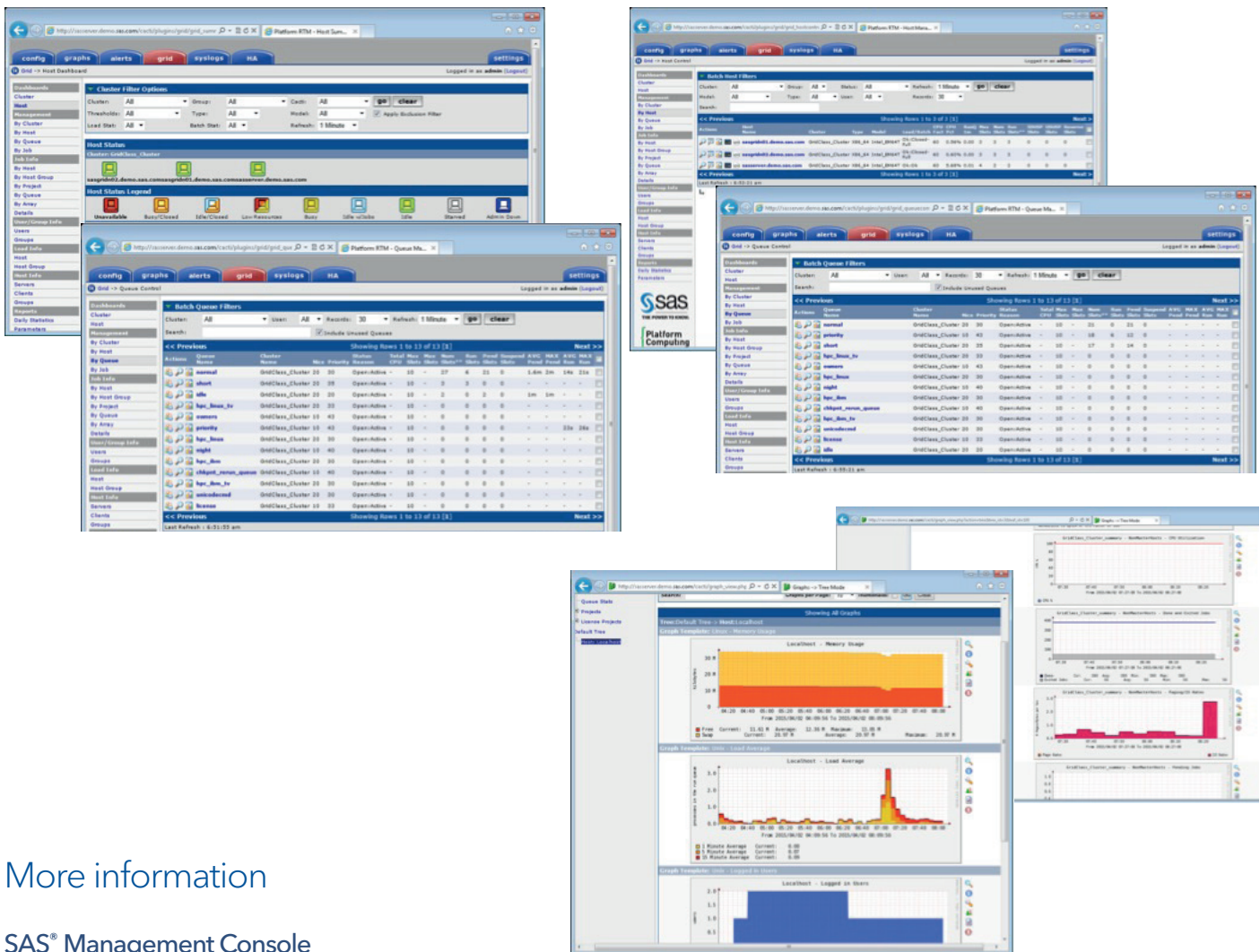
\* Functionality and plugin visibility can be controlled through SAS roles and security settings.

\*\* Although these are installed by default, they are not mandatory i.e. they don't have to be installed or active for SAS to function.

RTM tracks real-time and historic grid status and usage of resources by :

- Grid
- Host machine
- Host machine group
- Job Queue
- User
- User Group

and presents this as graphs and exportable tables for any specified time period.



More information

SAS® Management Console

System administration Guide:

<http://support.sas.com/documentation/cdl/en/bisag/67481/PDF/default/bisag.pdf>

Security Administration guide:

<http://support.sas.com/documentation/cdl/en/bisecag/67045/PDF/default/bisecag.pdf>

Environment Manager

White paper:

[http://support.sas.com/rnd/emi/SASEnvMgr/EV\\_SGF\\_Paper\\_Monitoring\\_101.pdf](http://support.sas.com/rnd/emi/SASEnvMgr/EV_SGF_Paper_Monitoring_101.pdf)

User Guide to EV 2.1:

<http://support.sas.com/documentation/cdl/en/evug/66790/PDF/default/evug.pdf>

Integration with third - party monitoring tools

<http://support.sas.com/rnd/emi/emi3rd.html>

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