

WELCOME TO THE SAS ADMINISTRATORS USER GROUP

21ST APRIL 2015, SAS LONDON



AGENDA

SAS ADMINISTRATORS USER GROUP 21st April 2015, SAS London

Time	Topic	Speaker
9.30 -10am	Coffee and networking	
10 -10.10am	Introductions	All
10.10 -10.40am	Support and Tuning	Caroline Scottow - SAS Andy Gadsby – SAS Graham Guy – IBM
10.40 -11.10am	Knock, knock who's there? – Security it's no laughing matter	Jayne Tinker - SAS
11.10 - 11.30am	Coffee Break and Metacoda video	
11.30 – 12 noon	Hadoop – What should you be aware of?	Doug Green - SAS
12 -12.30pm	A Day in the Life of a SAS Administrator	Julio Rocha – European Banking Authority
12.30 - 12.40pm	Feedback and discussion about future topics	All
12.40 – 2pm	Lunch and networking	All

UPDATING SAS PASSWORDS



Documentation is the Intelligence Platform: Security Administration Guide: Section update a managed password

Visit the following website for full instructions.

<http://support.sas.com/documentation/cdl/en/bisecag/63082/HTML/default/viewer.htm#p0kb2gtuuyjnrrn1hduu5by88u4f.htm>

SERVICES RESTART ORDER

SAS(R) 9.* INTELLIGENCE PLATFORM: SYSTEM ADMINISTRATION GUIDE



SAS(R) 9.* Intelligence Platform: System Administration Guide Operating Your Servers

Section: Starting Servers in the Correct Order

9.3 services start order

<http://support.sas.com/documentation/cdl/en/bisag/65422/HTML/default/viewer.htm#p0d9d5nzmd8i4yn1usv2l22vpa7t.htm>

SAS 9.2 services start order

<http://support.sas.com/documentation/cdl/en/bisag/64088/HTML/default/viewer.htm#a003133688.htm>

9.4 services start order

<http://support.sas.com/documentation/cdl/en/bisag/67481/HTML/default/viewer.htm#p0d9d5nzmd8i4yn1usv2l22vpa7t.htm>

INCREASED LOGGING

- Enabling Thread Dumps - <http://support.sas.com/kb/40/127.html>
- Enterprise Guide Debugging - <http://support.sas.com/kb/17/730.html>
- Changing Logging Level for Web Applications -
SAS(R) 9.* Intelligence Platform: Middle-Tier Administration Guide
- Object Spawner - <http://support.sas.com/kb/34/893.html>
- OLAP Server - <http://support.sas.com/kb/36/728.html>
- Section: Administering Logging for SAS Web Applications
<http://support.sas.com/documentation/cdl/en/bimtag/66823/HTML/default/viewer.htm#p0qy7oulxf2ot7n1bcavt6difgu3.htm>

ENTERPRISE GUIDE EXPIRY



- <http://support.sas.com/kb/33/359.html>
- SAS Enterprise Guide software has a built-in expiration date, which is generally five to six years after it has been released
- Expiring now in 2015. You have to apply the hotfix within the sas note tab for this to continue working. Click the **Hot Fix** tab in this note to access the hot fixes for these issues for SAS Enterprise Guide 4.1 and 4.2

Note: Applying the hot fix for SAS Enterprise Guide 4.1 or 4.2 will change the expiration date to *December 1, 2020*.

Coffee Break



**CUSTOMER
LOYALTY**

UK USER GROUPS



To register:

www.sas.com/uk/usergroups



- Available in PDF form
- Posted in SAS Administrators group on SAS Professionals
- Will issue with the slides from this session
- Feedback welcomed
- David Stern - author

Global Enablement & Learning



Checklist of SAS® Platform Administration Tasks

Document Type: Checklist

Date: February 26, 2015

Version: 1.0

MONITORING TOOLS & VERSION COMPARISON

- Two documents
- Monitoring tools summary and Version comparison
- Will issue with the slides from this session
- Author – Peter Hobart

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
Server health	Y	Y
Server utilisation	N	Y
Dashboard	N	Y
Alerts	N	Y
Customisable	N*	Y
Manages metadata	Y	Y
Audit/inspect security	Y	Y
Browser based	N	Y
Delivery	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

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.

SAS® Version Comparison

	FEATURE	9.1	9.2	9.3	9.4
SECURITY	Metadata bound libraries	N	N	M2	Y
	SAS/SECURE* included in base product	N	N	N	Y
	Lockdown mode	N	N	N	Y
	Multicast required by mid tier #	N	Y	Y	N
	Integrated Windows Authentication (IWA)	N	W	Y	Y
	Internal accounts for sasadm / sasitrust	N	Y	Y	Y
AUDITING / LOGGING	Metadata Logging framework	N	Y	Y	Y
	Metadata Logging can track all dataset reads inc. browsing	N	N	Y	Y
	APM available (e.g. top 10 procs run by user)	Y	Y	Y	Y
GRID	Route to a queue based on metadata id entity using:				
	- esub scripting	Y	Y	Y	Y
	- Metadata server contexts	Y	Y	Y	Y
ADMINISTRATION	- Grid option sets	N	N	N	Y
	SAS® Management Console (metadata)	Y	Y	Y	Y
	RTM (grid)	Y	Y	Y	Y
	SAS® Environment Manager (OS level monitoring and alerts)	N	N	N	Y
MID TIER	SAS® Spawner can launch workspace server grid sessions	N	N	N	Y
	Apache / Tomcat	Y	N	N	N
	JBoss	N	Y	Y	N
	WebLogic	Y	Y	Y	N
	WebSphere	Y	Y	Y	N
	SAS (no cost, provided where licensed software requires mid tier)	N	N	N	Y
		N	N	N	Y

THANK YOU FOR YOUR TIME



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