

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 / sastrust	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 identity using:				
	- esub scripting	Y	Y	Y	Y
	- Metadata server contexts	Y	Y	Y	Y
	- Grid option sets	N	N	N	Y
ADMINISTRATION	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
	SAS® Spawner can launch workspace server grid sessions	N	N	N	Y
MID TIER	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
RESILIENCE / BACKUP	Metadata clustering (no interruption if a metadata server fails)*	N	N	N	Y
	Metadata restart possible using EGO (if grid licensed)	Y	Y	Y	Y
	Point and click metadata backup tool, schedulable, retention policy	N	N	Y	Y
	Warm metadata backups	N	N	Y	Y
	- Backup includes content server	N	N	N	Y
DEPLOYMENT / MAINTENANCE	SAS packages can include security and server metadata	N	N	Y	Y
	Deployment Manager available	N	N	N	Y
	- Installs / configures metadata clusters	N	N	N	Y
	- Installs / configures mid-tier clusters	N	N	N	Y
	- Applies hot fixes	N	N	N	Y
	- Updates passwords and SAS® licenses	N	N	N	Y
	- Updates host name references	N	N	N	Y
	- Starts / stops services on multiple machines	N	N	N	Y
OTHER	Support Level	C	B	A	A
	Released	??/05	03/08	07/11	07/13

NOTES: M2 = Introduced in maintenance 2, W = Windows only

Multicast is still available in 9.4 but is not enabled by default. It is provided in case a customer has written their own SAS web applications and needs legacy support

* As long as a quorum still exists. 3 servers is minimum for resilience, there is no upper limit

<http://support.sas.com/documentation/cdl/en/bisag/64875/HTML/default/viewer.htm#n0a51gzoaey35en16vcx47li88xb.htm>