SAS® Fraud Management Third-Party Support

☺ *- Support still available into the future*

😐 *- Support is mixed (base expired, extended support still available)*

☹ *- Support has already expired*

Table 1.1 Operating System Support

SAS Fraud Management Version	AIX 5.3 ☹	AIX 6 ☹	AIX 7 ☺	Linux Red Hat 6 ☺	Linux Red Hat 7 ☺	Linux SUSE 10 ☹	Linux SUSE 11.2 ☺	Windows XP ☹	Windows 7 😐	Windows 8 ☹	Windows 8.1 😐	Windows 10 ☺
3.2 M2	✓	✓		✓				✓	✓			
3.3 M1		✓	✓	✓		✓	✓	✓	✓	✓		
4.1 M0			✓	✓			✓		✓	✓		
4.2 M1				✓	✓		✓		✓	✓	✓	
4.3 M0				✓	✓		✓		✓		✓	
5				✓	✓		✓		✓		✓	✓

Table 1.2 Database MidTier Support

SAS Fraud Management Version	DB2 9.5 ☹	DB2 9.7 FP6 😐	DB2 10 😐	DB2 10.5 ☺	DB2 11 ☺	Oracle 11G 11.2.03* 😐	Oracle 12C R2** ☺	Oracle RAC 12C ☺	Redis 3.2 ☺
3.2 M2	✓	✓							
3.3 M1		✓		✓		✓			
4.1 M0			✓	✓		✓			
4.2 M1			✓	✓		✓∧	✓		
4.3 M0			✓	✓			✓		
5					✓		✓	✓	✓∧∧

* Oracle Client JDBC Driver should be at a minimum version of 11.2.0.4

** Oracle JDBC Driver should be at version of 12.1.0.2

^ Oracle 11G systems running SAS Fraud Management 4.2M1 HF1 and later, the ojdbc7.jar is required

^^ Multi-Entity History (MEH) database only

Table 1.3 MQ Support

SAS Fraud Management Version	MQ 6 ☹	MQ 7.0.1 FP 5 ☹	MQ 7.1.6 FP 8 ☹	MQ 7.5 FP 7 😐	MQ 8 FP 5 ☺	MQ 9 ☺	Multi-Instance QM^
3.2 M2	✓	✓					
3.3 M1		✓		✓			
4.1 M0			✓	✓			
4.2 M1			✓	✓	✓		
4.3 M0			✓	✓	✓		
5					✓	✓	✓

* Prior versions contain security vulnerabilities

^ Manual configuration required

Table 1.4 Web MidTier Support

SAS Fraud Management Version	WAS 6.1 ☹	WAS 7.0 😐	WAS 8.0 😐	WAS 8.5 ☺	IE7 ☹	IE8 ☹	IE9 ☹	IE10 ☹	IE11 ☺	Microsoft Edge ☺	Elasticsearch v. 2.3.4 ☹
3.2 M2	✓	✓			✓	✓	✓	✓			
3.3 M1		✓		✓		✓	✓	✓			
4.1 M0							✓	✓			
4.2 M1							✓	✓	✓		
4.3 M0									✓		
5									✓		✓

Table 1.5 SAS Support

SAS Fraud Management Version	SAS 9.2 ☹	SAS 9.3 😐	SAS 9.4 M1 😐	SAS 9.4 M2 😐	SAS 9.4 M3 ☺	SAS 9.4 M5 ☺
3.2 M2	✓					
3.3 M1		✓				
4.1 M0			✓			
4.2 M1					✓	
4.3 M0					✓	
5					✓*	✓

* Only supported up to SAS Fraud Management Version 5 release 6 (January 2018 release)

Table 1.6 Java Support

SAS Fraud Management Version	Java 5 SR5, 5.0.0.125 file set, pap32dev-20070511 ☹	Oracle 1.6.0_21 😐	Oracle 1.7.0_15 ☺	IBM Java 6 SR8 FP1 +iFixIZ7743 😐	IBM 7.0.0.60 Java 7.0 SR3 ☺	SAS Java (shipped with SAS 9.4) ☺
3.2 M2	✓	✓		✓		
3.3 M1		✓	✓	✓	✓	
4.1 M0			✓	✓	✓	
4.2 M1						✓
4.3 M0						✓
5						✓

Table 1.7 Web Server Application Support

SAS Fraud Management Version	WebSphere 6.1 ☹	WebSphere 7.0 😐	WebSphere 8.0 ☺	WebSphere 8.5 ☺	SAS Application Server ☺
3.2 M2	✓	✓			
3.3 M1		✓	✓	✓	
4.1 M0					✓
4.2 M1					✓
4.3 M0					✓
5					✓

Table 1.8 Supported Languages

SAS Fraud Management Version	Language - English	Language – Spanish	Language – Portuguese	Language – Chinese	Language – Polish	Language - German
3.2 M2	✓		✓	✓		
3.3 M1						
4.1 M0						
4.2 M1	✓	✓	✓	✓	✓	
4.3 M0	✓	✓	✓	✓	✓	✓
5	✓	✓	✓	✓	✓	✓

Table 1.9 MVS Support

SAS Fraud Management Version	MQ 7.1 ☺	MQ 8 ☺	DB2 9 ☹	DB2 10 ☺	DB2 11 ☺	CICS TS ver3.2 ☹	CICS TS ver4.1 ☺	CICS TS ver4.2 ☺	CICS TS ver5.1 ☺	CICS TS ver5.2 ☺	CICS TS ver5.3 ☺
3.2 M2	✓		✓	✓			✓	✓			
3.3 M1	✓			✓			✓	✓			
4.1 M0	✓			✓			✓	✓	✓		
4.2 M1	✓	✓			✓		✓	✓		✓	
4.3 M0	✓	✓			✓					✓	
5	✓	✓			✓					✓	✓

Table 1.9 MVS Support (continued)

SAS Fraud Management Version	z64 Only ☺	z/OS ver1.11 ☹	z/OS ver1.12 ☹	z/OS ver1.13 ☹	z/OS ver2.1 😐	z/OS ver2.2 ☺	COBOL ver 5.X ☺
3.2 M2			✓				
3.3 M1				✓			✓*
4.1 M0					✓		
4.2 M1	✓					✓	
4.3 M0	✓					✓	✓
5	✓					✓	✓

* Requires SAS Fraud Management 3.3M1 HF17

Table 1.10 SSL Support

SAS Fraud Management Version	SSL Web	SSL ODE/MQ	SSL ODE/Socket	SSL AGS
3.2 M2	✓	✓		✓
3.3 M1	✓	✓		✓
4.1 M0	✓	✓		✓
4.2 M1	✓	✓		Not applicable
4.3 M0	✓	✓		Not applicable
5	✓	✓	✓	Not applicable