Release Notes for SAS® Fraud Management 3.3_M1, Hot Fix 16

Description	Component	Summary	Test Scenario
The determination of the date of first fraud in Common Point of Purchase (CPP) analysis might not be correct.	CPP	Common Point of Purchase (CPP) analysis currently uses the two-week period before the run day to determine the date of first fraud. This analysis might not be correct because the first-fraud transaction can occur before that two-week period.	After you apply this hot fix, the window for the first-fraud date is changed from the card-monitoring window to the entity-monitoring window, by default. In addition, you can use a new optional property, CPP_FIRST_FRAUD_EM_LEN, to set the date to any day within the entity-monitoring window.
The automatic-close batch process for alerts incorrectly populates user and timestamp values in the FCM_ALERT_ACTION database table.	BATCH	The automatic-close process for alerts, job 3003, incorrectly populates four fields in the FCM_ALERT_ACTION database table: • CREATE_USER • LSTUPDT_USER • CREATE_TIMESTAMP • LSTUPDT_TIMESTAMP These values should be copied from the FCM_ALERT table. Instead, the user fields are set to the user running the job and the timestamp fields are set to the current timestamp.	After you apply this hot fix, the automatic-close process correctly copies the CREATE_USER, LSTUPDT_USER, CREATE_TIMESTAMP, and LSTUPDT_TIMESTAMP values from the FCM_ALERT database table.
			(table continued)

Description	Component	Summary	Test Scenario
The database query for lookup list definitions and lookup list rules is inefficient.	RULES	The database query that is used to retrieve lookup list definitions and lookup list rules is inefficient. The query includes rules in all folders instead of only the rules in the testing and production folders.	After you apply this hot fix, the database query for retrieving lookup list definitions and lookup list rules is restricted to testing and production rules.
The performance of various tasks on the **Rules** tab is negatively impacted by database queries that retrieve data from the FCM_ESTIMATE and FCM_LOOKUP_LIST_DEFINITION database tables.	DATABASE	Performance of various tasks on the **Rules** tab is negatively impacted by database queries that retrieve data from the FCM_ESTIMATE and the FCM_LOOKUP_LIST_DEFINITION database tables.	After you apply this hot fix, new indexes on the database tables should improve the performance of queries that are used by the **Rules** tab.
A warning message is received and subsequent steps in rule testing and estimation are bypassed when the multi-organization node key and the result variable for the %ShiftHistoryArray macro are both one character in length.	RULES	In rule testing and estimation, a warning message is displayed and the abort flag is set when both of the following are true: • The multi-organization node key is one character in length. • The result variable name in the invocation of %ShiftHistoryArray is also only one character in length. The warning message that is received is as follows: `WARNING: Argument 2 to macro function %SUBSTR is out of range in %ShiftHistoryArray macro` Because the abort flag is also set, subsequent steps in rule testing and estimation are bypassed.	After you apply this hot fix, when the multi-organization node key value and the result variable for the %ShiftHistoryArray are both one character in length, no warning message is displayed. Rule testing and estimation will complete.