

## Release Notes for SAS® Fraud Management 6.1\_M0, Hot Fix 6

Description	Component	Summary and Business Impact	Test Scenario
<p>The View and Access Reports privilege is assigned to default roles.</p>	<p>REPORTS</p>	<p><b>Summary:</b> Users that are in a role that has the View and Access Reports privilege can see the <b>Reports</b> tab in the web application and can run all reports. Many of the reports display sensitive information and allow the data to be exported and saved to local CSV and PDF files. For security reasons, this privilege should not be assigned by default.</p> <p>The default roles with this privilege are as follows:</p> <ul style="list-style-type: none"> <li>• SR Analyst</li> <li>• SR Manager</li> <li>• Supervisor</li> <li>• System Administrator</li> </ul> <p>You can update roles on the <b>Users</b> tab to remove privileges that are not required for the members of the role.</p> <p><b>Business Impact:</b> Assigning the View and Access Reports privilege to default roles automatically means that unauthorized people have access to sensitive data.</p>	<p>After you apply the hot fix, the default roles are no longer assigned the View and Access Reports privilege. Custom roles are not impacted.</p> <p>If users in the default roles require report access, you must add the privilege manually after the hot fix is installed.</p>
<p>When your browser language is set to Spanish, the message listing the count of results that is displayed on a report page is incorrect.</p>	<p>REPORTS</p>	<p><b>Summary:</b> For Spanish, the message listing the total number of results and the number of displayed results is incorrect.</p> <p>An example of this message is as follows:</p> <p style="text-align: center;"><code>50 resultados no encontrados, mostrando 1 hasta 20.</code></p> <p>The English translation is:</p> <p style="text-align: center;"><code>50 results not found, displaying 1 to 20.</code></p> <p style="text-align: right;"><i>(continued on the next page)</i></p>	<p>After you apply the hot fix, the count message for the report results is correct for Spanish.</p>

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		<p>The message should say that the results are found, as shown here:</p> <p style="padding-left: 40px;">50 resultados encontrados, mostrando 1 hasta 20.</p> <p><b>Business Impact:</b> The message is confusing to users who view the report. The contents of the report are not impacted.</p>	
<p>You cannot add user variables or client input variables to the XAMS Custom Data grid template.</p>	<p>MGRS WORKBENCH</p>	<p><b>Summary:</b> The XAMS Custom Data grid template defines the fields that are included in an alert message. Currently, you cannot include user variables or client input variables.</p> <p><b>Business Impact:</b> Outgoing alert XML messages do not contain the values of user variables or client input variables. The impact depends on what the customer uses the field values for in their downstream alert-processing systems.</p>	<p>After you apply the hot fix, you can add user variables and client input variables to the XAMS grid template.</p> <p>For details about using this feature, see the section "Configuring the External Alert Management System" in the <i>SAS OnDemand Decision Engine 6.1: System Administrator's Guide</i>.</p>
<p>You cannot create more than 3000 rules.</p>	<p>RULES ENGINE</p>	<p><b>Summary:</b> The limit to the number of rules is 3000.</p> <p><b>Business Impact:</b> Rules writers are limited to 3000 rules. In some situations, rule writers might want the ability to create additional rules.</p>	<p>After you apply the hot fix, the limit for the number of rules is 6000.</p>

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<p>You cannot create a new version of a rule from the rule history page.</p>	<p>RULES</p>	<p><b>Summary:</b> In earlier releases of SAS Fraud Management, you can create a new version of a rule from the rule history page. This feature no longer exists.</p> <p><b>Business Impact:</b> Rule writers cannot create a new version of a rule from the rule history page. However, they can use the <b>Create New Version</b> icon on the <b>Production</b> and <b>Trash</b> folders to create a new version of the selected rule.</p>	<p>After you apply the hot fix, you can create a new version of a rule from the <b>Production</b> or <b>Trash</b> folders when you select the rule history page.</p>
<p>You cannot export a rule if the description of a user variable that is used by the rule contains a double-byte character set (DBCS) character.</p>	<p>RULES</p>	<p><b>Summary:</b> When you export a rule that refers to a user variable with a DBCS character in its description, a 500 error is displayed on the page.</p> <p><b>Business Impact:</b> Rules are exported for a variety of reasons. One reason might be to copy a rule from one system to another. The impact of this issue varies, depending on the reason that you use the export rule feature.</p>	<p>After you apply the hot fix, you can export a rule successfully with a DBCS character in the user-variable description.</p>
<p>When you use Microsoft Internet Explorer, the contents of a lookup list is not displayed when the list contains many columns.</p>	<p>RULES</p>	<p><b>Summary:</b> You cannot view contents of a lookup list when the list contains more than 16 columns or when the column names are long. This issue occurs when you view the contents in the Internet Explorer browser. This issue does not exist on Google Chrome or Microsoft Edge.</p> <p><b>Business Impact:</b> This issue does not impact the functioning of the lookup list.</p>	<p>After you apply the hot fix, you can view the contents of the lookup list in Internet Explorer.</p>
<p>The audit trace logging does not log activity when a user logs off.</p>	<p>ANYLSTSWORK</p>	<p><b>Summary:</b> When the audit trace logger is configured to log user actions, both logon and logoff actions should add a message to the SFM_Audit.log file. Instead, only the user logon is logged.</p> <p><b>Business Impact:</b> You cannot use the audit trace log to determine when a user logs off. This issue might make audit reporting inaccurate.</p>	<p>After you apply the hot fix, user logoff actions are logged by the audit logger.</p>

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<p>In the OnDemand Decision Engine configuration files, the SOCKETx_WHITE_LIST property should be renamed to SOCKETx_ACCEPT_LIST.</p>	<p>ENGINE</p>	<p><b>Summary:</b> The ose.xml and the ose.properties configuration file contains a property named SOCKETx_WHITE_LIST. This property should follow new terminology standards and be renamed to SOCKETx_ACCEPT_LIST.</p> <p><b>Business Impact:</b> There is no business impact.</p>	<p>After you apply the hot fix, the ose.xml file and the ose.properties file use the property name SOCKETx_ACCEPT_LIST.</p>
<p>The <b>Max Score</b> field defaults to <b>9999</b> on the report-definition page for the historical reports.</p>	<p>REPORTS</p>	<p><b>Summary:</b> On the report-definition page of the Overall False Positives report and the Fraudulent Transaction List report, the Max Score field defaults to <b>9999</b>. Since the maximum value for a model score is 999, the field default value should be <b>999</b>.</p> <p><b>Business Impact:</b> The incorrect default value does not impact the report output.</p>	<p>After you apply the hot fix, the default value for the <b>Max Score</b> field is 999.</p>
<p>The Overall False Positives report and the Fraudulent Transaction List report require a model to be present.</p>	<p>REPORT</p>	<p><b>Summary:</b> Two historical reports, Overall False Positives and Fraudulent Transaction List, do not produce any results unless a model is installed on the system.</p> <p><b>Business Impact:</b> You cannot use the two historical reports on systems that do not have a model.</p>	<p>After you apply the hot fix, the Overall False Positives and Fraudulent Transaction List reports do not require a model to produce results.</p>
<p>On Oracles systems, when you click a link in a row of the Frequency of Rules Fired report, the list of entities that is displayed is not accurate.</p>	<p>REPORTS</p>	<p><b>Summary:</b> On the Frequency of Rules Fired report, each row in the report contains links that you can click to display a list of entities that are affected by the selected rule and date. The list should contain the first 100 distinct entities. On Oracle systems, a subset of these entities is displayed.</p> <p><b>Business Impact:</b> Only a subset of the first 100 distinct entities are listed in the report. However, the impact is low.</p>	<p>After you apply the hot fix, a list of the first 100 entities that are affected for the selected rule and date are displayed.</p>

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<p>The Fraud Queue False Positives report displays an incorrect count for the <b>New Alerts</b> column in a specific date range.</p>	<p>REPORTS</p>	<p><b>Summary:</b> The Fraud Queue False Positives report monitors strategy activity for a specified time frame. In this report, the values for the <b>New Alerts</b> column in the <b>Fraud Queue False Positives By Strategy and Queue</b> section of the report are calculated incorrectly.</p> <p><b>Business Impact:</b> You cannot use the Fraud Queue False Positives report to analyze the number of new alerts generated per strategy and queue.</p>	<p>After you apply the hot fix, the values for the <b>New Alerts</b> column in the <b>Fraud Queue False Positives By Strategy and Queue</b> section report are calculated correctly.</p>
<p>In the Transactions By Country report, the PDF file is not generated after you click the <b>Reveal sensitive data</b> link.</p>	<p>REPORTS</p>	<p><b>Summary:</b> For users that have the Reveal Sensitive Data privilege, the card number data is masked in the Transactions By Country report. A link at the top of the page unmask the data when it is clicked. If the data is unmasked, clicking the PDF document icon does not create a PDF file. Instead, this message is displayed:</p> <p style="padding-left: 40px;">It looks like the webpage at <code>http://server-name:8780/SASFraudMgmtMid-Tierauth-domain/a_reporting.sj?method=openPDF&amp;reportNumber=0</code> might be having issues, or it may have moved permanently to a new web address.</p> <p>Users that have the View Sensitive Data privilege always see unmasked card-number data in the Transactions By Country report. For those users, the PDF file is created successfully.</p> <p><b>Business Impact:</b> The impact of this issue is low. For users that have the Reveal Sensitive Data privilege, unmasked data can be viewed on the web page and exported to a CSV file. Users that have the View Sensitive Data privilege can export unmasked data to a both a PDF and a CSV file.</p>	<p>After you apply the hot fix, users that have Reveal Sensitive Data privilege can export unmasked data to a PDF file for the Transactions By Country report.</p>

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On Oracle and IBM DB2 systems, the drill-down feature for the Contacts By Team report fails with an application error.	REPORTS	<p><b>Summary:</b> On the Contacts by Team report, the values in the <b>Team</b> column are displayed as hyperlinks. When you click the link, the following error message is displayed:</p> <pre>An unexpected error has occurred in the application. Click Resume to continue working. If the problem persists, please contact an administrator.</pre> <p>This issue occurs only on systems that use an Oracle or DB2 database.</p> <p><b>Business Impact:</b> The impact of this issue depends on how the business uses the data that is accessed with the drill-down feature of the Contacts By Team report.</p>	After you apply the hot fix, the drill-down feature for the Contacts By Team report displays the detailed report.
The values in the <b>Resolved</b> column in the Hourly Call Analysis report are incorrect.	REPORTS	<p><b>Summary:</b> In the Hourly Call Analysis report, the <b>Resolved</b> metric calculation includes only call results that have a value of <b>Confirmed No Risk</b> only (RESULT_TYPE='POSITIVE'). The calculation should also include the call results that are <b>Confirmed Risk</b> (RESULT_TYPE='NEGATIVE').</p> <p><b>Business Impact:</b> The impact of this issue depends on how the report is used by the business.</p>	After you apply the hot fix, the values in the <b>Resolved</b> column of the Hourly Call Analysis report are correct.
You cannot save an alert with a resurface time that contains milliseconds.	ANYLSTSWORK	<p><b>Summary:</b> You can modify the WEBAPP.DATE.TIME.FORMAT format to include milliseconds on the <b>Preferences</b> tab. After that change is made, the milliseconds value is displayed as <b>SSS</b> in the <b>Resurface When</b> input field. Specifically, this problem occurs when the input field is for a call result of type UNCONFIRMED and the <b>Specified date and time during call wrap-up</b> option is configured.</p> <p>Because <b>SSS</b> is not a valid value for milliseconds, you cannot save the result on the <b>Alert</b> page. Instead, this error is displayed:</p> <pre>Cannot status the alert. Reschedule time is missing. Please supply the time at which to bring back the alert.</pre> <p><b>Business Impact:</b> Analysts cannot reschedule an alert to resurface if the WEBAPP.DATE.TIME.FORMAT format is changed to include milliseconds.</p>	After you apply the hot fix, you can schedule an alert to resurface when the datetime format includes milliseconds.

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On Oracle systems, a query in the Transaction Analysis Server (TAS) is slow.	TAS	<p><b>Summary:</b> On Oracle systems, all table partitions are scanned in the score distribution query. The query cannot leverage the partition key column RQO_PROC_UTC_DATETIME for partition elimination.</p> <p><b>Business Impact:</b> TAS queries might not perform well when there are many transactions in the database.</p>	After you apply the hot fix, the query no longer scans all the database table partitions. Then, Oracle can take advantage of partition elimination, which improves the query performance.
In the System Performance Summary report, values in two report fields do not display the two digits after the decimal point.	REPORTS	<p><b>Summary:</b> In the System Performance Summary report, the <b>Gain Block To Close</b> and <b>Avl Credit At Crd</b> columns do not display values after the decimal point.</p> <p><b>Business Impact:</b> The impact is low. Values in the two columns display whole numbers.</p>	After you apply the hot fix, values are displayed correctly with two digits after the decimal point in the System Performance Summary report.
The 3005 batch job fails.	BATCH	<p><b>Summary:</b> The Bulk Alert Status job 3005 fails after you install SAS Fraud Management 6.1M0 Hot Fix 4. When this failure occurs, the following error is displayed in the job log:</p> <pre>ERROR [00000064] :sassorbch - ERROR: db engine was not specified, table options lookup cannot be made.</pre> <p><b>Business Impact:</b> You cannot use the batch job to update the status of a list of alerts.</p>	After you apply the hot fix, the 3005 job completes successfully.

Description	Component	Summary and Business Impact	Test Scenario
The Available Inventory Report is not consistent.	REPORTS	<p><b>Summary:</b> The Available Inventory Report shows inconsistent results. The alert counts for each hour are impacted by the local time zone of the user's browser.</p> <p><b>Business Impact:</b> The impact depends on what the business uses the Available Inventory Report for.</p>	After you apply the hot fix, Greenwich Mean Time (GMT) is used for the Available Inventory Report, and the results are consistent.
When you set the priming duration to hours in rule estimation, the start of the priming period is set incorrectly.	ESTIMATION	<p><b>Summary:</b> In rule estimation, you can set the user-variable priming duration either to days or hours. When you select hours, the calculated start date and time of the priming is incorrect.</p> <p>You can determine whether the issue occurs in your estimation by viewing the estimate.log file. The lines that set the RUL_EARLY_DATE and RUL_PRIMING_DATE variables look similar to the following:</p> <pre data-bbox="772 803 1549 860">+%let    rul_early_date = 04/01/2021 04:00:00 ; +%let    rul_priming_date = 04/01/2021 06:00:00 ;</pre> <p>If the priming duration is set to six hours, for example, the RUL_PRIMING_DATE value should be six hours earlier than RUL_EARLY_DATE.</p> <p><b>Business Impact:</b> The rule writer might not be able to determine the effectiveness of the rule based on the estimation.</p>	After you apply the hot fix, the start date and time of the user-variable priming is set correctly.
A REST API request to process alerts does not fail if you provide an incorrect password.	REST API	<p><b>Summary:</b> A set of methods for processing alerts is available via a REST API. Each REST call must provide credentials for a user that is assigned the Analyst role in the web application. A request should succeed <b>only when both</b> the user name and password are correct. However, a request that contains a valid user name with an incorrect password succeeds, as well.</p> <p><b>Business Impact:</b> This behavior creates a security vulnerability.</p>	After you apply the hot fix, a valid user name and password are required to process an alert successfully via the REST API.