

## Release Notes for SAS® Fraud Management 6.2\_M0, Hot Fix 3

Description	Component	Summary and Business Impact	Test Scenario
<p>The copy to clipboard feature does not work on the Alert detail page.</p>	<p style="text-align: center;">ANALYST WORKSTATION</p>	<p><b>Summary:</b> When you click a hyperlink that displays the <b>Click to copy to clipboard</b> tooltip on the Alert detail page, the entity ID is not copied to the clipboard. Examples of the ID numbers that can be copied are customer, account, and card.</p> <p><b>Business Impact:</b> Minimal. Analysts cannot copy and paste the entity ID values from the Alert detail page.</p>	<p>After you apply the hot fix, when you click the hyperlink for an ID number on the Alert details page, the value is copied to the clipboard.</p>
<p>Apache Ignite writes warning messages to the SAS® OnDemand Decision Engine log.</p>	<p style="text-align: center;">ENGINE</p>	<p><b>Summary:</b> There are several warning messages written to the SAS OnDemand Decision Engine log by Apache Ignite.</p> <p>Two types of warnings are written:</p> <ul style="list-style-type: none"> <li>• Illegal reflective access</li> </ul> <pre>WARNING: An illegal reflective access operation has occurred WARNING: Illegal reflective access by org.apache.ignite.internal.util.GridUnsafe\$2 ...</pre> <ul style="list-style-type: none"> <li>• Default logging configuration file</li> </ul> <pre>WARNING: Failed to resolve default logging config file: config/java.util.logging.properties</pre> <p><b>Business Impact:</b> The Apache Ignite warning messages do not indicate a problem and can be ignored.</p>	<p>After you apply the hot fix, the warning messages about illegal reflective access are not written to the SAS OnDemand Decision Engine log file.</p> <p>The warnings for the logging configuration file will remain unless you customize the ose.sh script included with the hot fix. Remove the # character from the start of the following line:</p> <pre>#CMD="\$CMD - Djava.util.logging.config.file= \${JAVA_HOME:?}/conf/logging.pro perties"</pre> <p>If you prefer to use a custom logging.properties file instead of the default file, set the value to the full path to your custom file.</p>

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			<p><b>Important:</b> If a future hot fix includes an updated ose.sh file, you must merge your customizations into the new file provided by the hot fix.</p>
<p>If Apache Ignite crashes, SAS OnDemand Decision Engine does not catch the error.</p>	<p>ENGINE</p>	<p><b>Summary:</b> Apache Ignite provides a cache for transactions after they are scored by SAS OnDemand Decision Engine. If Apache Ignite encounters a severe error and crashes, SAS OnDemand Decision Engine does not catch or report the Ignite error. Instead, a warning message similar to the following message is written to the log:</p> <pre>WARN POST_SCORE_ACTION_FAILED cmx_tran_id=***** smh_acct_type="CS" smh_activity_type="BF" smh_rtn_code="12" smh_reason_code="ERRR" failure_reason="java.lang.IllegalStateException: class org.apache.ignite.internal.processors.cache.CacheStoppedException: Failed to perform cache operation (cache is stopped): datastructures_ATOMIC_REPLICATED_0@default-ds-group</pre> <p>The workaround for this issue is to restart the SAS OnDemand Decision Engine cluster node.</p> <p><b>Business Impact:</b> The post-ARD processing of transactions fails, but the SAS OnDemand Decision Engine log does not indicate that Apache Ignite encountered an issue. Alerts are not created or updated, and transactions are not inserted in the Transaction Data Repository (TDR) database.</p>	<p>After you apply the hot fix, the SAS OnDemand Decision Engine cluster node logs severe errors reported by Apache Ignite and stops processing transactions. Other nodes continue to operate.</p>

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<p>A Remote Code Execution can occur through Application System Properties.</p>	<p>SECURITY</p>	<p><b>Summary:</b> On the <b>Preferences</b> tab, under <b>System Properties</b> ► <b>Deployment</b>, there is an editable property named <b>deployment_script_webapp</b>. Privileged users can set the property to a Unix command or a shell script, and it will execute when a user clicks the <b>Deploy</b> button on the <b>Console</b> tab.</p> <p><b>Business Impact:</b> This vulnerability, if exploited, allows an arbitrary command to be executed on the web application server.</p>	<p>After you apply the hot fix, the <b>deployment_script_webapp</b> property is no longer used. It is not editable in the web application. If it is already set to a Unix command, the command will not execute during rule deployment.</p>
<p>The Simple Object Access Protocol (SOAP) interface to the Interactive Voice and Response (IVR) System is not available.</p>	<p>ANALYST WORKSTATION</p>	<p><b>Summary:</b> The SOAP interface to the IVR System web service was removed from SAS® Fraud Management version 6.2.</p> <p><b>Business Impact:</b> You cannot use the SOAP interface to the IVR System web service to automate the processing of alerts.</p>	<p>After you apply the hot fix, the SOAP interface to the IVR System web service is available.</p>