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# Genesys Predictive Routing Deployment and Operations Guide

Data Loader monitoring and logging

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You can monitor Data Loader status using the log events that Message Server sends to Solution Control Interface.

### Related documentation:

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## Data Loader Log Events

Data Loader writes log data to Message Server using Genesys Management Framework centralized logging. The details of where logs are kept and what messages are sent are configured using the [Data Loader log Section configuration options](#).

Data Loader provides the following Standard-, Info-, and Trace-level log events:

107-60119	107-60120	107-60400	107-60401	107-60606	107-60607	107-60608
107-60609	107-60610	107-60620	107-60702	107-60706	107-60707	107-60801
107-60802	107-60803	107-60804	107-60805	107-60806	107-60807	107-60808
107-60809	107-60810	107-60811	107-60812	107-60813		

### 107-60119

<b>Level</b>	Standard
<b>Text</b>	data_loader_name> terminated, reason>
<b>Attributes</b>	data_loader_name> - The name of the Data Loader Application and other relevant information.  reason> - An explanation for the termination.
<b>Description</b>	Data Loader has quit unexpectedly on account of a critical configuration issue. The reason> information should direct you to the source of the problem.
<b>Alarm Advisory</b>	Genesys recommends that you configure an alarm to notify you when Data Loader generates this error message.
<b>Actions</b>	Review the reason for the termination and correct the issue before trying to upload data.

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## 107-60120

Level	Standard
Text	Failed to connect to authenticate endpoint>, response: message>
Attributes	endpoint> - The endpoint for the GPR Core Platform authentication service.  response> - An informational message indicating the reason the authentication attempt failed.
Description	Data Loader authentication to the GPR Core Platform has failed.
Alarm Advisory	Genesys recommends that you configure an alarm to notify you when Data Loader generates this error message.
Actions	Verify that you have correctly configured the URL for Data Loader to connect to the Platform and that the Data Loader account is correctly configured with a valid password.

## 107-60400

Level	Standard
Text	error... error_message>
Attributes	error_message> - An informational message.
Description	Data Loader was unable to push an Agent Profile batch update. If you receive this error message, Data Loader continues to operate normally.
Alarm Advisory	Genesys recommends that you configure an alarm to notify you when Data Loader generates this error message.
Actions	No action needed.

## 107-60401

Level	Standard
Text	The log event text is one of the following: <ul style="list-style-type: none"><li>The following Agent Groups are not found in Configuration Server. Please verify the correct names for these Agent Groups: agent_group_names&gt; in Data Loader option: option_name&gt;</li></ul>

	<ul style="list-style-type: none"> <li>There are no agents present in Configuration Server with the following skills. Please verify the correct names for these skills: skill_names&gt; in Data Loader option: option_name&gt;</li> </ul>
<b>Attributes</b>	<p>agent_group_names&gt; or skill_names&gt; - The name of the Agent Group or skill you entered.</p> <p>option_name&gt; - The option where you entered the Agent Group or skill name.</p>
<b>Description</b>	<p>This log number has two possible messages indicating that a value for the <b>include-skills</b> or <b>include-groups</b> configuration option does not correspond to a configured skill or Agent Group. This log event is informational and does not indicate any issue with Data Loader.</p>
<b>Alarm Advisory</b>	No alarm required.
<b>Actions</b>	Verify the names of the Agent Groups or skills and make corrections as necessary.

107-60606

<b>Level</b>	Standard
<b>Text</b>	DATASET_UPLOAD_FAILURE: Datasets upload errors: error_code>
<b>Attributes</b>	error_code> - An error message or list of error messages indicating an issue with dataset processing.
<b>Description</b>	<p>This log event could provide any of a number of issues related to dataset processing: configuration issues, Data Loader issues, and GPR Core Platform issues. The error message indicates the nature of the problem.</p>
<b>Alarm Advisory</b>	Genesys recommends that you configure an alarm to notify you when Data Loader generates this error message. The cancel event for this condition is 107-60607.
<b>Actions</b>	<p>If a GPR Core Platform error caused the issue, rerun the data upload manually by setting the <b>upload-dataset</b> option to false, waiting for one minute, then setting the option value back to true. Alternatively, you can wait for the next scheduled upload of the data, as configured in the <b>update-period</b> option.</p>

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## 107-60607

<b>Level</b>	Standard
<b>Text</b>	Datasets upload errors resolved!
<b>Attributes</b>	none
<b>Description</b>	An informational message generated when a data upload is successful after an unsuccessful attempt. Confirms that whatever issue caused the previous upload failure has been resolved.
<b>Alarm Advisory</b>	This is the cancel event for 107-60606.
<b>Actions</b>	No action required

## 107-60608

<b>Level</b>	Standard
<b>Text</b>	Platform service account password is about to expire in number_of_days> days.
<b>Attributes</b>	number_of_days> - The number of days the current password remains valid.
<b>Description</b>	An informational message.
<b>Alarm Advisory</b>	No alarm required.
<b>Actions</b>	Change your password within the specified period.

## 107-60609

<b>Level</b>	Standard
<b>Text</b>	Platform service account password updated successfully
<b>Attributes</b>	none
<b>Description</b>	An informational message indicating that the password for the Data Loader SERVICE account was successfully updated.
<b>Alarm Advisory</b>	No alarm required.
<b>Actions</b>	No action required.

## 107-60610

<b>Level</b>	Standard
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<b>Text</b>	Platform service account password update failed.
<b>Attributes</b>	None
<b>Description</b>	A notification that the password for the Data Loader SERVICE account was not correctly updated.
<b>Alarm Advisory</b>	Genesys recommends that you configure an alarm to notify you when Data Loader generates this error message.
<b>Actions</b>	Restart Data Loader. If this issue persists, contact Genesys Customer Care.

107-60620

<b>Level</b>	Standard
<b>Text</b>	agent/customer_profile_name> profile schema doesn't match the schema defined in your schema configuration; problem_description>
<b>Attributes</b>	agent/customer_profile_name> - The name of the Agent Profile dataset or Customer Profile dataset that has inconsistencies.  problem_description> - Explains what the inconsistencies are.
<b>Description</b>	The data you are uploading to the Agent Profile dataset or Customer Profile dataset does not correspond with the configuration specified for that dataset in the Data Loader Application object options.
<b>Alarm Advisory</b>	No alarm required.
<b>Actions</b>	Make the Profile schema consistent with the configuration specified on the <b>Options</b> tab of the Data Loader Application object.

107-60702

<b>Level</b>	Standard
<b>Text</b>	CONFSERV_REPEATABLE_SWITCHOVER_EVENTS: error_message>
<b>Attributes</b>	error_message> - A message explaining the nature of the issue with Configuration Server.
<b>Description</b>	Configuration Server has experienced multiple switchovers between the primary and backup instances during the period specified in the <b>confserv-monitoring-reconnect-min</b> option.
<b>Alarm Advisory</b>	Genesys recommends that you configure an alarm to notify you when Data Loader generates this error

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	message.
<b>Actions</b>	Check whether Configuration Server is experiencing some issue causing the repeated switchovers.

## 107-60706

<b>Level</b>	Standard
<b>Text</b>	CONFSERV_DISCONNECTING_EVENT: error_message>
<b>Attributes</b>	error_message> - A message explaining the nature of the issue with Configuration Server.
<b>Description</b>	Configuration Server is losing connection with Data Loader. The number of times the connection is lost before this alarm is triggered is set in the <b>confserv-monitoring-reconnect-count</b> option.
<b>Alarm Advisory</b>	Genesys recommends that you configure an alarm to notify you when Data Loader generates this error message. The cancel event for this error condition is 107-60707.
<b>Actions</b>	Check Configuration Server to determine the reason for this issue.

## 107-60707

<b>Level</b>	Standard
<b>Text</b>	CONFSERV_CONNECTING_EVENT: informational_message>
<b>Attributes</b>	informational_message> - A message updating the Configuration Server status.
<b>Description</b>	The Configuration Server connection with Data Loader has been restored.
<b>Alarm Advisory</b>	This is the cancel event for 107-60706.
<b>Actions</b>	No action required.

## 107-60801

<b>Level</b>	Standard
<b>Text</b>	ANONYMIZATION_SALT_GENERATION_FAILED: Premise anonymization enabled but salt generation failed with error: error_message>

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<b>Attributes</b>	- A explanatory message.
<b>Description</b>	An error occurred causing Data Loader to be unable to generate the salt for anonymization. This prevents on-premise anonymization.
<b>Alarm Advisory</b>	Genesys recommends that you set an alarm for this log event.
<b>Actions</b>	Review the error message text for information about the cause of this issue.

107-60802

<b>Level</b>	Standard
<b>Text</b>	ANONYMIZATION_SALT_UPDATED_BY_USER: Anonymization salt modified by the user in modified_application_object>
<b>Attributes</b>	modified_application_object> - Identifies the Application object in which a user changed the salt value.
<b>Description</b>	A user has changed the value for the 'salt' option in the specified Application object. This message is informational. Data Loader automatically resets the salt to the original value.
<b>Alarm Advisory</b>	Genesys recommends that you set an alarm for this event. The clearance event for this warning message is 107-60803.
<b>Actions</b>	Remind the user who made the change that the salt value should not be edited. If the salt is changed, your predictors become unusable for scoring and routing.

107-60803

<b>Level</b>	Standard
<b>Text</b>	ANONYMIZATION_SALT_RESTORED: Modified anonymization salt restored successfully in modified_application_object>
<b>Attributes</b>	modified_application_object> - Identifies the Application object in which Data Loader restored the salt value.
<b>Description</b>	An informational message confirming that Data Loader successfully restored the modified anonymization salt.
<b>Alarm Advisory</b>	This is the clearance event for 107-60802.
<b>Actions</b>	No action needed.

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107-60804

<b>Level</b>	Standard
<b>Text</b>	ANONYMIZATION_SALT_CORRUPTED: Salt corrupted by user in config! Unable to recover
<b>Attributes</b>	No attributes.
<b>Description</b>	This error message indicates that a user has changed the <b>salt</b> value in such a way that Data Loader is unable to restore the original value. On-premise anonymization requires a new salt, which is incompatible with that used for your current datasets and predictors. For recovery instructions, see Data anonymization.
<b>Alarm Advisory</b>	Genesys recommends that you set an alarm for this log event.
<b>Actions</b>	For recovery instructions, see Data anonymization.

107-60805

<b>Level</b>	Standard
<b>Text</b>	SUBROUTINES_TRAN_LIST_NOT_FOUND: Subroutines transaction list Predictive_Route_DataCfg not found
<b>Attributes</b>	No attributes.
<b>Description</b>	The Predictive_Route_DataCfg Transaction List object does not exist in your configuration environment. This configuration object contains options required to use Predictive Routing.
<b>Alarm Advisory</b>	Genesys recommends that you set an alarm for this log event.
<b>Actions</b>	Create the Predictive_Route_DataCfg Transaction List object in the configuration environment for your Tenant.

107-60806

<b>Level</b>	Standard
<b>Text</b>	SUBROUTINES_TRAN_LIST_DELETED: Subroutines transaction list Predictive_Route_DataCfg deleted by user! Unable to restore anonymization salt
<b>Attributes</b>	No attributes.
<b>Description</b>	A warning message indicating that a user has deleted the Predictive_Route_DataCfg Transaction

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	List object. As a result, Data Loader cannot store the salt value required for the URS Strategy Subroutines to anonymize data on premise.
<b>Alarm Advisory</b>	Genesys recommends that you set an alarm for this log event. 107-60807 is the clearance event for this error.
<b>Actions</b>	Restart Data Loader to restore the anonymization salt value in the <b>salt</b> option.

## 107-60807

<b>Level</b>	Standard
<b>Text</b>	SUBROUTINES_TRAN_LIST_CREATED: Subroutines transaction list Predictive_Route_DataCfg recreated by user! Data loader requires restart
<b>Attributes</b>	No attributes.
<b>Description</b>	A warning message indicating that a user has re-created the Predictive_Route_DataCfg Transaction List object. Ensure that this configuration object contains the correct option values for your configuration, and then restart Data Loader.
<b>Alarm Advisory</b>	This is the clearance event for 107-60806.
<b>Actions</b>	Restart Data Loader to restore the anonymization salt value in the <b>salt</b> option.

## 107-60808

<b>Level</b>	Standard
<b>Text</b>	PROFILE_ID_FIELD_NOT_FOUND: Premise anonymization enabled but profile id field not found for profile>
<b>Attributes</b>	profile> - The affected Agent or Customer Profile schema.
<b>Description</b>	Anonymization on premise requires the <b>anon-agent-id</b> and <b>anon-customer-id</b> options to exist in the Predictive_Route_DataCfg Transaction List object.
<b>Alarm Advisory</b>	Genesys recommends that you set an alarm for this log event.
<b>Actions</b>	Define the missing ID field in the profile> schema.

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107-60809

<b>Level</b>	Standard
<b>Text</b>	ANON_PROFILE_ID_CONFIG_FAILED: Premise anonymization enabled but configuring profile id anon field failed for profile>
<b>Attributes</b>	profile> - The affected Agent or Customer Profile schema.
<b>Description</b>	Anonymization is set to happen on-premise but Data Loader cannot specify the correct value for the <b>anon-agent-id</b> and <b>anon-customer-id</b> options in the Predictive_Route_DataCfg Transaction List object.
<b>Alarm Advisory</b>	Genesys recommends that you set an alarm for this log event.
<b>Actions</b>	Review the error message text for information about the cause of this issue.

107-60810

<b>Level</b>	Standard
<b>Text</b>	PROFILE_ID_ANONYMIZATION_MODIFIED: Profile Id anonymization type modified for profile>
<b>Attributes</b>	profile> - The affected Agent or Customer Profile schema.
<b>Description</b>	The Data Loader <b>schema-agents-gim</b> or <b>schema-customers</b> setting for the ID field has changes in its anonymization settings, which makes existing datasets and predictors unusable.
<b>Alarm Advisory</b>	Genesys recommends that you configure an alarm to notify you when Data Loader generates this error message.
<b>Actions</b>	Upload the Agent and Customer profiles and datasets once again with the updated schema.

107-60811

<b>Level</b>	Standard
<b>Text</b>	ANON_PROFILE_ID_MODIFIED: Profile Id anonymization type modified by user for profile>
<b>Attributes</b>	profile> - The affected Agent or Customer Profile schema.
<b>Description</b>	A user has manually changed the value for the

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	<b>anon-agents-id</b> or <b>anon-customers-id</b> option. Data Loader sets these option values automatically. Manual changes to the value for the <b>anon-agent-id</b> or <b>anon-customer-id</b> options in the Predictive_Route_DataCfg Transaction List object cause a discrepancy with the anonymization setting for the ID field specified in <b>schema-agents-gim</b> or <b>schema-customers</b> .
<b>Alarm Advisory</b>	Genesys recommends that you set an alarm for this log event.
<b>Actions</b>	Data Loader should restore the original option value automatically. Look for log event 107-60812, which is the clearance event for this message, to confirm.

## 107-60812

<b>Level</b>	Standard
<b>Text</b>	ANON_PROFILE_ID_RESTORED: Profile Id anonymization type restored for profile>
<b>Attributes</b>	profile> - The affected Agent or Customer Profile schema.
<b>Description</b>	Data Loader has corrected the value for the <b>anon-agents-id</b> or <b>anon-customers-id</b> option after a user manually changed it. Data Loader sets these option values automatically. Manual changes to the value for the <b>anon-agent-id</b> or <b>anon-customer-id</b> options in the Predictive_Route_DataCfg Transaction List object cause a discrepancy with the anonymization setting for the ID field specified in <b>schema-agents-gim</b> or <b>schema-customers</b> .
<b>Alarm Advisory</b>	This is the clearance event for 107-60811.
<b>Actions</b>	No action needed.

## 107-60813

<b>Level</b>	Standard
<b>Text</b>	INVALID_PERMISSIONS: Invalid permissions to update configuration parameters in configuration_object>
<b>Attributes</b>	configuration_object> - The affected Data Loader Application object or Predictive_Route_DataCfg Transaction List object.
<b>Description</b>	Data Loader must be configured to have update privileges for Configuration Server so it can update

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	<p>the following:</p> <ul style="list-style-type: none"><li>• The password used to access the GPR Core Platform, which is stored in the Data Loader and Predictive_Route_DataCfg configuration objects.</li><li>• The anonymization salt value created to support anonymization.</li></ul> <p>Data Loader checks whether it has the correct permissions when it starts. If it does not have the required permissions, it quits and generates this log message. The Data Loader log file also records that Data Loader did not start.</p>
<b>Alarm Advisory</b>	You can optionally set an alarm for this log event.
<b>Actions</b>	Grant Data Loader the correct permissions and then restart it.