

CalSAWS

California Statewide Automated Welfare System

Design Document

CA-226398 DDID 2319 - Framework for GA GR
Manual Correspondence phase 2 GAGR web
service changes

CalSAWS	DOCUMENT APPROVAL HISTORY	
	Prepared By	Vic Johnson
	Reviewed By	Clay Erickson

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1 OVERVIEW

This document contains the Gainwell design for web service interfaces related to CalSAWS SCR CA-226398 that provides data synchronization of information between CalSAWS and the GAGR web service.

1.1 Current Design

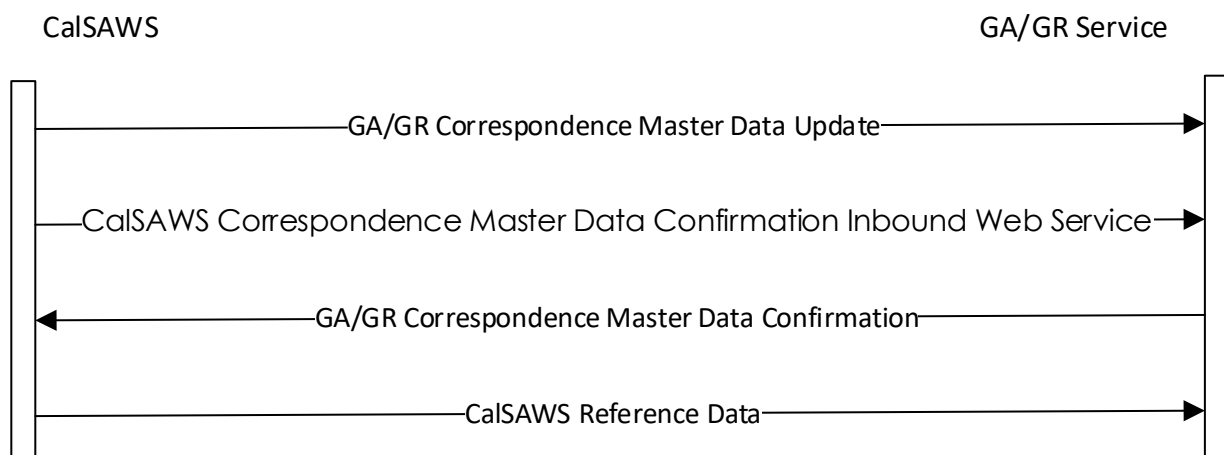
The GA/GR solution in the CalSAWS system is designed to automate the rules for the Los Angeles county's implementation as well as the automation and monitoring of their GROW program.

1.2 Requests

A new GA/GR Automated solution will be developed in CalSAWS to automate the rules and administer the program for the 18 CalWIN counties. This solution will provide the framework for the remaining 39 C-IV counties to opt into this solution in the future. This change request will add additional Non-EDBC correspondence triggers through either online or batch.

1.3 Overview of Recommendations

1. GA/GR Correspondence Master Data Update Inbound Web Service (inbound from CalSAWS)
2. CalSAWS Correspondence Master Data Confirmation Inbound Web Service (inbound from CalSAWS)
3. GA/GR Correspondence Master Data Confirmation Outbound Web Service.
4. CalSAWS Reference Data Inbound Web service (inbound from CalSAWS)



1.4 Assumptions

1. All the changes in this SCR will not affect the Los Angeles GA, GA (Managed) and GA (Non-Managed) programs.

2 RECOMMENDATIONS

2.1 GA/GR Correspondence Master Data Update Inbound Web Service

2.1.1 Overview

The GA/GR Correspondence Master Data Update Inbound Web Service will be invoked from CalSAWS to receive updates from GA/GR Correspondence Service for updates of GA/GR Correspondence Master data in the GA/GR Correspondence Service.

2.1.2 Description of Change

1. Create the GA/GR Correspondence Master Data Update Inbound Web Service that will update CalSAWS GA/GR Correspondence data:
 - a. Gather all of the correspondence master data changes and format them in the response format.
 - b. Create GA/GR Correspondence Master Data Update Request Parameters. Please refer to the "GA/GR Correspondence Master Data Update Outbound Web Service.docx" document for additional details Request Parameters. (Note: This is a shared document with the CalSAWS service to define the common parameters)

2.1.3 Execution Frequency

The GA/GR Correspondence Master Data Update Inbound Web Service will be invoked from CalSAWS once CalSAWS is ready to receive updates for Correspondence Master Data. The expected frequency for this is daily (Monday – Saturday).

2.1.4 Key Scheduling Dependencies

Start of the CalSAWS Daily Batch Cycle

2.1.5 Counties Impacted

GA/GR Automated EDBC/CC solution Counties (Current 18 CalWIN counties)

2.1.6 Data Volume/Performance

N/A

2.1.7 Interface Partner

CalSAWS (Hosted by Accenture)

2.1.8 Failure Procedure/Operation Instructions

Operations staff will evaluate transmission errors and failures and determine the appropriate resolution (i.e contacting the external partner if there is an account or password issue, etc.)

2.2 CalSAWS Correspondence Master Data Confirmation Inbound Web Service

2.2.1 Overview

CalSAWS will process the data that they received in 2.1. Once they have processed the data the CalSAWS Correspondence Master Data Confirmation Service will be invoked from CalSAWS to acknowledge the completion of applying the Correspondence Master Data changes to GA/GR Service.

2.2.2 Description of Change

1. Once the updates are made successfully in CalSAWS, invoke GA/GR inbound Service API to confirm GA/GR Correspondence data is successfully applied in CalSAWS.
2. The GA/GR service will reply to CalSAWS with an acknowledgement of the call and will then start applying the changes on the GA/GR Service side (i.e. PUB file deployment).

2.2.3 Execution Frequency

Daily (Monday – Saturday)

2.2.4 Key Scheduling Dependencies

Predecessor(CalSAWS Batch Cycle):

- GA/GR Correspondence Data Update (Outbound from CalSAWS) Web Service Job (Recommendation 2.1)
- NOA and Form Processing Jobs

2.2.5 Counties Impacted

GA/GR Automated EDBC/CC solution Counties (Current 18 CalWIN counties)

2.2.6 Data Volume/Performance

N/A

2.2.7 Failure Procedure/Operation Instructions

Operations staff will evaluate transmission errors and failures and determine the appropriate resolution (i.e., contacting the external partner if there is an account or password issue, etc.)

2.3 GA/GR Correspondence Master Data Confirmation Outbound Web Service

2.3.1 Overview

The GA/GR Correspondence Master Data Confirmation Outbound Web Service will be invoked from the GA/GR Correspondence Service to confirm GA/GR Correspondence Service Master data is successfully applied in the GA/GR Service repository.

2.3.2 Description of Change

1. Create the GA/GR Correspondence Master Data Outbound Web Service that will get the confirmation of CalSAWS GA/GR Correspondence data in the GA/GR Service Repository:
 - a. Create GA/GR Correspondence Master Data Confirmation Outbound Web Service Request Parameters. Please refer to the "GA/GR Correspondence Master Data Confirmation Inbound Web Service.docx" document for additional details Request Parameters. (Note: This is a shared document with the CalSAWS service to define the common parameters)
 - b. If the Confirmation of the CalSAWS GA/GR Correspondence data in the GA/GR Service Repository is returned as not Successful, CalSAWS will need to revert the changes for GA/GR Correspondence Master Data for the day.

2.3.3 Execution Frequency

The GA/GR Correspondence Master Data Confirmation Outbound Web Service will be invoked once the GA/GR Correspondence Service has updated or failed to update the Correspondence Master Data in the GA/GR Service repository. Since this is essentially completing the process started in 2.2, the execution frequency will be dependant on when 2.2 was initiated.

2.3.4 Key Scheduling Dependencies

N/A

2.3.5 Counties Impacted

GA/GR Automated EDBC/CC solution Counties (Current 18 CalWIN counties)

2.3.6 Data Volume/Performance

N/A

2.3.7 Interface Partner

CalSAWS (Hosted by Accenture)

2.3.8 Failure Procedure/Operation Instructions

Operations staff will evaluate transmission errors and failures and determine the appropriate resolution (i.e contacting the external partner if there is an account or password issue, etc.)

2.4 CalSAWS Reference Data Inbound Web Service

2.4.1 Overview

CalSAWS reference Data Inbound Web Service will be invoked from the GA/GR Correspondence Service to retrieve CalSAWS Reference Data from the CalSAWS lookup tables.

2.4.2 Description of Change

1. Create the CalSAWS reference Data Inbound Web Service that will receive the lookup data from the CalSAWS lookup tables:
 - a. Create GA/GR Correspondence Master Data Confirmation Outbound Web Service Request Parameters. Please refer to the table "CalSAWS reference Data Outbound Web Service.docx" for additional details for Parameters. (Note: This is a shared document with the CalSAWS service to define the common parameters)
2. Retrieve the data from the lookup that has changed since the Job last ran and apply the change to the GA/GR database tables.

3. Since the data changes are already applied on the CalSAWS side, there cannot be a rollback on the CalSAWS side. If the data fails to apply on the GA/GR side, then the data could be retried one time and if it still fails then the service should be in a failed state. The failure would need to be investigated to research why it occurred and what needs to be done to successfully apply the changes on the GA/GR Service side to make sure that the systems are in sync and that correctly updated data is sent out on correspondences.

2.4.3 Execution Frequency

Daily (Monday - Sunday)

2.4.4 Key Scheduling Dependencies

Start of the CalSAWS Daily Batch Cycle

2.4.5 Counties Impacted

GA/GR Automated EDBC/CC solution Counties (Current 18 CalWIN counties)

2.4.6 Data Volume/Performance

N/A

2.4.7 Interface Partner

CalSAWS (Hosted by Accenture)

2.4.8 Failure Procedure/Operation Instructions

Operations staff will evaluate transmission errors and failures and determine the appropriate resolution (i.e contacting the external partner if there is an account or password issue, etc.)

3 SUPPORTING DOCUMENTS

Note: These are shared documents with the CalSAWS service to define the common parameters.

Number	Functional Area	Description	Attachment
1.	GA/GR Correspondence Batch Sync	Technical Details of GA/GR Correspondence Master Data Update Outbound Web service	GA/GR Correspondence Master Data Update Outbound Web Service.docx
2.	GA/GR Correspondence Batch Sync	Technical Details of GA/GR Correspondence Master Data Confirmation Inbound Web service	GA/GR Correspondence Master Data Confirmation Inbound Web Service.docx
3.	GA/GR Correspondence Reference Data Sync	Technical Details of CalSAWS reference Data Outbound Web Service	CalSAWS reference Data Outbound Web Service.docx

4 REQUIREMENTS

4.1 Migration Requirements

DDID #	REQUIREMENT TEXT	Contractor Assumptions	How Requirement Met
2319	<p>The CONTRACTOR shall update the CalSAWS Software with current available automated CalWIN county specific NOA's and Forms associated to their GA/GR program.</p> <p>The CONTRACTOR shall update the CalSAWS software to trigger and generate county specific NOAs and Forms based upon each counties eligibility rules.</p>	<p>The CalSAWS and GAGR services will communicate updates to key processing data tables to make sure that documents are produced based on current and up to date information from both systems.</p> <p>Assumption is that a once a day synchronization of all data for all GAGR counties will be sufficient to keep the systems in sync.</p> <p>New functionality will be developed in the GAGR service to support this requirement.</p> <p>Based on the Joint design of this functionality with CalSAWS there will be corresponding API's available in both applications to facilitate this exchange of data.</p>	<p>This requirement is met based on the "NOAs listed in Appendix A" supplemented by the functionality described in this design document.</p>

*Note: DXC is now referred to as Gainwell

5 MIGRATION IMPACTS

General Assistance/General Relief functionality will be implemented as a new program for the 57 counties aside from Los Angeles. Los Angeles GA/GR functionality will not be modified.

6 APPENDIX
