

# RCG Integration - Processing Services

## Overview

API Version\*\* For the namespace accountplan and promotion V2 APIs are required if the feature measure API has been activated on sales force side.If the feature has not been activated use V1 for accountplan and promotion APIs.

**Notice** APIs will raise a timeout after 55 seconds of processing. Ensure to reduce the response/load using more strict filters. Always implement a fallback in case of a http timeout in projects having mixed load scenarios.

## Authentication

<!-- ReDoc-Inject: <security-definitions> -->

## Tags

### Health Check

health check

### Transaction Management

Manage explicit transactions for multi-messages operations.

### Templates Management

API to manage templates for measures including volumes, actuals, prices or discounts. | Measure must be properly configured before sending using the template API. All measures must be aligned with | Salesforce customizations.

### Volumes Management

API to send, get or delete volumes or baselines. Measure templates must be registered in advance using template API.

### Condition Management

Manages measures for conditions like prices, discounts and costs. Different api cover relations to account and/or products.

### Accountplan Management

APIs supporting account plans.

### Promotion Management

Request all available promotion processed within CGCloud Processing Engine.

## Support Management

API supporting analysing and trouble shooting. These APIs are not approved for production automation. They are subject of change without notice.

## User Management

Manages users and privileges including audit logging.

## File Management

Manage files requests.

# Paths

## *GET* /api

Return the current version of the API

### Responses

Code	Description	Links
200	<i>Content</i>	No Links

## *POST* /api/v1/transaction

Register a transaction id to bundle multiple messages beeing sent for one transaction. The transaction id must be unique for the user.

**Permission Role:** Transaction register

### Parameters

Type	Name	Description	Schema
query	<b>shortdescription</b> <i>optional</i>	A short description of the transaction. Only for information.	string
query	<b>records</b> <i>optional</i>	Number of records planned to send overall messages. Only for information.	integer
query	<b>completemode</b> <i>optional</i>	For certain POST APIs e.g. /condition/products, /condition/accounts, condition/accountsProducts the flag controls of existing records will be replaced by the new records.	boolean

Type	Name	Description	Schema
<b>query</b>	<b>messages</b> <i>required</i>	Number of messages planned to send for a transaction. All messages must be received to complete the transaction and start processing.	integer
<b>query</b>	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system.	string

#### Responses

Code	Description	Links
201	<i>Content</i>	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Not authorized, missing privilege for user.	No Links

Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

## **POST** /api/v1/transaction/volumespromotions/overwrite

Register a transaction id to bundle multiple messages beeing sent for one transaction. The transaction id must be unique for the user. With this transaction you can delete and load volumes promotions related data in one database transaction with COMMIT and ROLLBACK handling.

**Permission Role:** Transaction register

#### Parameters

Type	Name	Description	Schema
<b>query</b>	<b>shortdescription</b> <i>optional</i>	A short description of the transaction. Only for information.	string
<b>query</b>	<b>records</b> <i>optional</i>	Number of records planned to send overall messages. Only for information.	integer
<b>query</b>	<b>messages</b> <i>required</i>	Number of messages planned to send for a transaction. All messages must be received to complete the transaction and start processing.	integer

Type	Name	Description	Schema
<b>query</b>	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system.	string

#### Responses

Code	Description	Links
201	<i>Content</i>	No Links
400	Invalid JSON format.	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Not authorized, missing privilege for user.	No Links

Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

## GET /api/v1/transaction/{id}

Get status information for a single transaction. Rejected accounts or products are limited to maximal 100 keys.

**Permission Role:** Transaction register

#### Parameters

Type	Name	Description	Schema
<b>path</b>	<b>id</b> <i>required</i>	Transaction id specified by the sending system. Characters allowed a-z, A-Z, 0-9, ".", "-", "_"	string

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Not authorized, missing privilege for user.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## DELETE /api/v1/transaction/{id}

Delete a single transaction including messages. Only transactions in state INITIAL,COMMITTED,REJECTED or FAILED can be deleted.

**Permission Role:** Transaction register

### Parameters

Type	Name	Description	Schema
path	id <i>required</i>	Transaction id specified by the sending system. Characters allowed a-z, A-Z, 0-9, ".", "-", "_"	string

### Responses

Code	Description	Links
200	Successfully deleted.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## POST /api/v1/transaction/status

Request status for a list of transaction ids', similiar to to request for a single transaction. Limit is 1000 ids.

**Permission Role:** Transaction register

### Responses

Code	Description	Links
201	<i>Content</i>	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Not authorized, missing privilege for user.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET /api/v1/templates/measures

Get a list of configured measure templates.

**Permission Role:** Measure templates read

### Responses

Code	Description	Links
200	Content	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## POST /api/v1/templates/measures

Configure condition measures like prices, discounts costs and if they are product, account or product/account related. | This is used for validations and processing and must be done prior to send measures using condition APIs. | This has to be aligned with measure customizations within the Salesforce org. This will override all existing condition measure. The code is case sensitive.

**Permission Role:** Measure templates write

### Responses

Code	Description	Links
200	Content	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET /api/v1/templates/volumemeasures

Get a list of configured volume measure templates. The measures can be Weekly (W) or daily (D) the format can be integer (I) or decimal (D). All information is case-sensitive.

**Permission Role:** Volume templates read

### Responses

Code	Description	Links
200	Content	No Links

Code	Description	Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Not authorized, missing privilege for user.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## POST /api/v1/templates/volumemeasures

Configure volume measures | Weekly or daily measure (W, D) | Format is integer or decimal (I,D). This will override all existing volume measures. The code is case-sensitive.

**Permission Role:** Volume templates write

### Responses

Code	Description	Links
200	Content	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## POST /api/v1/volumes/weeks/date/integer

Send volumes on week level with type integer for a registered transaction by date. Start date: date of the volume to assign to the right period (<https://tools.ietf.org/html/rfc3339#section-5.6>). Type: The template ID for the volumes. All messages send for a transaction must contain the same template type. Payload limit to 30MB. "type" and "salesorg" must be the same in all messages belonging to a transaction id.

**Permission Role:** Volumes write **Data Source Table Name:** Weekly Measure Int

### Parameters

Type	Name	Description	Schema
query	transaction <i>required</i>	Transaction id specified by the sending system.	string

### Responses

/

Code	Description	Links
200	<i>Content</i>	No Links
400	JSON format not as expected or no registered transaction.	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Not authorized, missing privilege for user.	A message has not the same type as other before or template is not registered orr valid for a measure.

Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

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## **POST** /api/v1/volumes/daily/date/integer

Send volumes on day level with type integer for a registered transaction by date. Start date: date of the volume to assign to the right date (<https://tools.ietf.org/html/rfc3339#section-5.6>). Type: The template ID for the volumes. All messages send for a transaction must contain the same template type. Payload limit to 30MB. "type" must be the same in all messages belonging to a transaction id.

**Permission Role:** Volumes write **Data Source Table Name:** Daily Measure Int

### Parameters

Type	Name	Description	Schema
<b>query</b>	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system.	string

### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	JSON format not as expected or no registered transaction.	No Links
401	Bad request token, not validated by sales force token validation.	No Links



Code	Description	Links
403	Not authorized, missing privilege for user.	A message has not the same type as other before or template is not registered orr valid for a measure.

Type	Name	Scopes
apiKey	oauth_2_0	

## POST /api/v1/volumes/weeks/week/integer

Send volumes on week level with type integer for a registered transaction by week. Year and week must be specified. Type: The template ID for the volumes .All messages send for a transaction must contain the same template type. Payload limit 30MB. "type" and "salesorg" must be the same in all messages belonging to a transaction id.

**Permission Role:** Volumes write **Data Source Table Name:** Weekly Measure Int

### Parameters

Type	Name	Description	Schema
query	transaction <i>required</i>	Transaction id specified by the sending system.	string

### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	JSON format not as expected or no registered transaction.	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	A message has not the same type as other before or template is not registered orr valid for a measure.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## POST /api/v1/volumes/weeks/date/decimal

Send volumes on week level with type decimal values for a registered transaction. Start date: date of the volumes to assign to the right period (<https://tools.ietf.org/html/rfc3339#section-5.6>). Type: The template ID for the volumes. All messages send for a transaction must contain the same template type. Payload limit to 30MB. Max value accepted is 2147483673 and rounded of to the 7 place. "type" and "salesorg" must be the same in all messages belonging to a transaction id.

**Permission Role:** Volumes write **Data Source Table Name:** Weekly Measure Real

### Parameters

Type	Name	Description	Schema
query	transaction <i>required</i>	Transaction id specified by the sending system.	string

### Responses

Code	Description	Links
200	Content	No Links
400	JSON format not as expected or no registered transaction.	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Not authorized, missing privilege for user.	A message has not the same type as other before or template is not registered or valid for a measure.

Type	Name	Scopes
apiKey	oauth_2_0	

## POST /api/v1/volumes/daily/date/decimal

Send volumes on day level with type decimal values for a registered transaction. Start date: date of the volumes to assign to the right period (<https://tools.ietf.org/html/rfc3339#section-5.6>). Type: The template ID for the volumes. All messages send for a transaction must contain the same template type. Payload limit to 30MB.

The maximum number for values which can be represented properly using double precision is -9007199254740992 or 9007199254740992. If your value exceeds the maximum number, it will be automatically rounded or cut off. Please aware that you are responsible to handle such a huge number on your side to avoid rounding and cut off.

**Permission Role:** Volumes write **Data Source Table Name:** Daily Measure Real

#### Parameters

Type	Name	Description	Schema
query	transaction required	Transaction id specified by the sending system.	string

#### Responses

Code	Description	Links
200	Content	No Links
400	JSON format not as expected or no registered transaction.	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Not authorized, missing privilege for user.	A message has not the same type as other before or template is not registered orr valid for a measure.

Type	Name	Scopes
apiKey	oauth_2_0	

## POST /api/v1/volumes/weeks/week/decimal

Send volumes on week level with type decimal for a registered transaction. Year and week must be specified. Type: The template ID for the volumes .All messages send for a transaction must contain the same template type. Payload limit 30MB. Max value accepted is 2147483673.

**Permission Role:** Volumes write **Data Source Table Name:** Weekly Measure Real

#### Parameters

Type	Name	Description	Schema
<b>query</b>	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system.	string

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	JSON format not as expected or no registered transaction.	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	A message has not the same type as other before or template is not registered or valid for a measure.	No Links

Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

## GET /api/v1/volumes/weeks/{measure}/{date}

Request volumes for a week for a given date. The measure code together with the measure template configuration determines if the result will be served by the integer or decimal store. The api uses pagination, see URI parameters. The API returns only a limited amount of rows (300000)

**Permission Role:** Volumes read **Data Source Table Name depend on mesure code definition:** Weekly Measure Int or Weekly Measure Real

#### Parameters

Type	Name	Description	Schema
<b>path</b>	<b>date</b> <i>required</i>	A date within the week the data is requested for. Format yyyy-mm-dd	string (date)
<b>query</b>	<b>per_page</b> <i>optional</i>	Pagination parameter, records per page. Default is 10000	integer
<b>query</b>	<b>product</b> <i>optional</i>	Filter for a selected Product ID	string
<b>path</b>	<b>measure</b> <i>required</i>	Measure code as registered with the template api.	string

Type	Name	Description	Schema
<b>query</b>	<b>keepalive</b> <i>optional</i>	Pagination parameter how long requested pages will be alive in minutes. Default is ten minutes.	integer
<b>query</b>	<b>salesorg</b> <i>optional</i>	SalesOrg used to determine correct periods (weeks and year) and first of day week and first week of year. Default is usually 1 and 1. This controls how the data is assigned to weeks in the result and how it is read on CGCloud cloud processing side.	string
<b>query</b>	<b>account</b> <i>optional</i>	Filter for a selected Account ID	string

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links
401	Bad request token, not validated by sales force token validation.	No Links

Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

## GET /api/v1/volumes/daily/{measure}/{date}

Request volumes for a given date. The measure code together with the measure template configuration determines if decimal or integer store will serve the results. The api uses pagination, see URI parameters. The API returns only a limited amount of rows (300000)

**Permission Role:** Volumes read **Data Source Table Name depend on mesure code definition:** Daily Measure Int or Daily Measure Real

#### Parameters

Type	Name	Description	Schema
<b>path</b>	<b>date</b> <i>required</i>	Date the data is requested for. Format yyyy-mm-dd	string (date)
<b>query</b>	<b>per_page</b> <i>optional</i>	Pagination parameter, records per page. Default is 10000	integer

Type	Name	Description	Schema
query	<b>product</b> <i>optional</i>	Filter for a selected Product ID	string
path	<b>measure</b> <i>required</i>	Measure code as registered with the template api.	string
query	<b>keepalive</b> <i>optional</i>	Pagination parameter how long requested pages will be alive in minutes. Default is ten minutes.	integer
query	<b>salesorg</b> <i>optional</i>	SalesOrg used to determine correct periods (weeks and year) and first of day week and first week of year. Default is usually 1 and 1. This controls how the data is assigned to weeks in the result and how it is read on CGCloud cloud processing side.	string
query	<b>account</b> <i>optional</i>	Filter for a selected Account ID	string

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links
401	Bad request token, not validated by sales force token validation.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## **GET** /api/v1/volumes/weeks/{measure}/{year}/{week}

Request volumes for a week of a year. The measure code together with the measure template configuration determines if decimal or integer store will serve the results. The api uses pagination, see URI. parameters. The API returns only a limited amount of rows (300000).

**Permission Role:** Volumes read **Data Source Table Name depend on mesure code definition:** Weekly Measure Int or Weekly Measure Real

#### Parameters

Type	Name	Description	Schema
query	<b>per_page</b> <i>optional</i>	Pagination parameter, records per page. Default is 10000	integer
query	<b>product</b> <i>optional</i>	Filter for a selected Product ID	string
path	<b>measure</b> <i>required</i>	Measure code as registered with the template api.	string
path	<b>week</b> <i>required</i>	Week of the year 1-52	integer
path	<b>year</b> <i>required</i>	Year in the format YYYY.	string
query	<b>keepalive</b> <i>optional</i>	Pagination parameter how long requested pages will be alive in minutes. Default is ten minutes.	integer
query	<b>salesorg</b> <i>optional</i>	SalesOrg used to determine correct periods and first of day week and first week of year.	string
query	<b>account</b> <i>optional</i>	Filter for a selected Account ID	string

#### Responses

Code	Description	Links
200	Content	No Links
401	Bad request token, not validated by sales force token validation.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## **DELETE** /api/v1/volumes/weeks/integer/{date}

Deletes volume information for a year ending before the given date will be deleted. The API is for reorganization and cleanup processes. The processing is async and creates a new transaction with the given id implicitly.

**Permission Role:** Volumes delete **Data Source Table Name:** Weekly Measure Int

### Parameters

Type	Name	Description	Schema
<b>path</b>	<b>date</b> <i>required</i>	Volumes before that date will be deleted (Period must be outside that date).	string (date)
<b>query</b>	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system. Can be used to request state of delete using transaction API.	An implicit transaction is created with the given id.

### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	Invalid URL parameters or invalid transaction id	No Links
401	Bad request token, not validated by sales force token validation.	No Links

Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

## **DELETE** /api/v1/volumes/weeks/decimal/{date}

Volume information for a year ending before the given date will be deleted. The API is for reorganization and cleanup processes. The processing is async and creates a new transaction with the given id implicitly.

**Permission Role:** Volumes delete **Data Source Table Name:** Weekly Measure Real

### Parameters

Type	Name	Description	Schema
<b>path</b>	<b>date</b> <i>required</i>	Volumes before that date will be deleted if before the corresponding year.	string (date)
<b>query</b>	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system. Can be used to request state of delete using transaction api.	An implicit transaction is created for the given transaction id.

### Responses



Code	Description	Links
200	<i>Content</i>	No Links
400	Invalid URL parameters or invalid transaction id	No Links
401	Bad request token, not validated by sales force token validation.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## **DELETE** /api/v1/volumes/remove/weeks/decimal/{measure}

Delete real volumes which span the given time range with their particularly conditions.

**Permission Role:** Volumes delete **Data Source Table Name:** Weekly Measure Real

### Parameters

Type	Name	Description	Schema
path	<b>measure</b> <i>required</i>	Measure code as registered with the template api.	string
query	<b>datefrom</b> <i>required</i>	Only values which are not valid inside the timerange time can be deleted/removed	string (date)
query	<b>datethru</b> <i>required</i>	Only values which are not valid inside the timerange time can be deleted/removed	string (date)
query	<b>transaction</b> <i>optional</i>	Transaction id specified by the sending system. Can be used to request state of delete using transaction api.	An implicit transaction is created for the given transaction id. If no transaction is provided the system creates automatically a new one

### Responses

Code	Description	Links
200	<i>Content</i>	No Links

Code	Description	Links
400	Invalid parameters for datefrom, datethru, ransactionid or datefrom > datethru	No Links
401	Bad request token, not validated by sales force token validation.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## **DELETE** /api/v1/volumes/remove/weeks/integer/{measure}

Delete integer volumes which span the given time range with their particularly conditions.

**Permission Role:** Volumes delete **Data Source Table Name:** Weekly Measure Int

### Parameters

Type	Name	Description	Schema
path	<b>measure</b> <i>required</i>	Measure code as registered with the template api.	string
query	<b>datefrom</b> <i>required</i>	Only values which are not valid inside the timerange time can be deleted/removed	string (date)
query	<b>datethru</b> <i>required</i>	Only values which are not valid inside the timerange time can be deleted/removed	string (date)
query	<b>transaction</b> <i>optional</i>	Transaction id specified by the sending system. Can be used to request state of delete using transaction api.	An implicit tansaction is created for the given transaction id. If no transaction is provided the system creates automaticallya new one

### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	Invalid parameters for datefrom, datethru, ransactionid or datefrom > datethru	No Links

Code	Description	Links
401	Bad request token, not validated by sales force token validation.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## **DELETE** /api/v1/volumes/daily/integer/{date}

Volume information will be deleted before the month of the given date. The API is for reorganization and cleanup processes. The processing is async and creates a new transaction with the given id implicitly.

**Permission Role:** Volumes delete **Data Source Table Name:** Daily Measure Int

### Parameters

Type	Name	Description	Schema
path	<b>date</b> <i>required</i>	Volumes before that date will be deleted.	string (date)
query	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system. Can be used to request state of delete using transaction API.	An implicit transaction is created ob the givend transaction id.

### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	Invalid URL parameters or invalid transaction id	No Links
401	Bad request token, not validated by sales force token validation.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## **DELETE** /api/v1/volumes/daily/decimal/{date}

Delete integer volumes older than the given date. The processing is async and creates a new transaction with the given id implicitly.

**Permission Role:** Volumes delete **Data Source Table Name:** Daily Measure Real

### Parameters

Type	Name	Description	Schema
<b>path</b>	<b>date</b> <i>required</i>	Volume information will be deleted before the month of the given date. The API is for reorganization and cleanup processes.	string (date)
<b>query</b>	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system. Can be used to request state of delete using transaction api.	An implicit transaction is created for the given transaction id.

### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	Invalid URL parameters or invalid transaction id	No Links
401	Bad request token, not validated by sales force token validation.	No Links

Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

## **DELETE** /api/v1/volumes/remove/daily/decimal/{measure}

Delete real volumes which span the given time range with their particularly conditions.

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**Permission Role:** Volumes delete **Data Source Table Name:** Daily Measure Real

### Parameters

Type	Name	Description	Schema
<b>path</b>	<b>measure</b> <i>required</i>	Measure code as registered with the template api.	string
<b>query</b>	<b>datefrom</b> <i>required</i>	Only values which are not valid inside the timerange time can be deleted/removed	string (date)
<b>query</b>	<b>datethru</b> <i>required</i>	Only values which are not valid inside the timerange time can be deleted/removed	string (date)

Type	Name	Description	Schema
<b>query</b>	<b>transaction</b> <i>optional</i>	Transaction id specified by the sending system. Can be used to request state of delete using transaction api.	An implicit transaction is created for the given transaction id. If no transaction is provided the system creates automatically a new one

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	Invalid parameters for datefrom, datethru, transactionid or datefrom > datethru	No Links
401	Bad request token, not validated by sales force token validation.	No Links

Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

## **DELETE** /api/v1/volumes/remove/daily/integer/{measure}

Delete integer volumes which span the given time range with their particularly conditions.

**Permission Role:** Volumes delete **Data Source Table Name:** Daily Measure Int

#### Parameters

Type	Name	Description	Schema
<b>path</b>	<b>measure</b> <i>required</i>	Measure code as registered with the template api.	string
<b>query</b>	<b>datefrom</b> <i>required</i>	Only values which are not valid inside the timerange time can be deleted/removed	string (date)
<b>query</b>	<b>datethru</b> <i>required</i>	Only values which are not valid inside the timerange time can be deleted/removed	string (date)

Type	Name	Description	Schema
<b>query</b>	<b>transaction</b> <i>optional</i>	Transaction id specified by the sending system. Can be used to request state of delete using transaction api.	An implicit transaction is created for the given transaction id. If no transaction is provided the system creates automatically a new one

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	Invalid parameters for datefrom, datethru, transactionid or datefrom > datethru	No Links
401	Bad request token, not validated by sales force token validation.	No Links

Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

## **POST** /api/v1/volumes/promotions/weeks/week/decimal

Send Promotion/Tactic Specific Actuals (volumes) on week level with type decimal for a registered transaction. Year and week must be specified. Type: The template ID for the volumes. All messages send for a transaction must contain the same template type. Payload limit 30MB. Max value accepted is 2147483673. Requires CGCloud TPM Release v10. Tactic id in payload is optional: "tac" SF tactic id - string [18]

**Permission Role:** Volumes write **Data Source Table Name:** Promotion Tactic Weekly Measure Real

#### Parameters

Type	Name	Description	Schema
<b>query</b>	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system.	string

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links

Code	Description	Links
400	JSON format not as expected or no registered transaction.	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	A message has not the same type as other before or template is not registered or valid for a measure.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

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**GET** /api/v1/volumes/promotions/weeks/{measure}/{date}

Request Promotion/Tactic Specific Actuals (volumes) for a week for a given date. The measure code together with the measure template configuration determines if the result will be served by the integer or decimal store. The api uses pagination, see URI parameters. The API returns only a limited amount of rows (300000)

**Permission Role:** Volumes read **Data Source Table Name:** Promotion Tactic Weekly Measure Real

*Parameters*

Type	Name	Description	Schema
path	<b>date</b> <i>required</i>	A date within the week the data is requested for. Format yyyy-mm-dd	string (date)
query	<b>per_page</b> <i>optional</i>	Pagination parameter, records per page. Default is 10000	integer
query	<b>product</b> <i>optional</i>	Filter for a selected Product ID	string
path	<b>measure</b> <i>required</i>	Measure code as registered with the template api.	string
query	<b>keepalive</b> <i>optional</i>	Pagination parameter how long requested pages will be alive in minutes. Default is ten minutes.	integer

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Type	Name	Description	Schema
<b>query</b>	<b>salesorg</b> <i>optional</i>	SalesOrg used to determine correct periods (weeks and year) and first of day week and first week of year. Default is usually 1 and 1. This controls how the data is assigned to weeks in the result and how it is read on CGCloud cloud processing side.	string
<b>query</b>	<b>account</b> <i>optional</i>	Filter for a selected Account ID	string
<b>query</b>	<b>promotion</b> <i>optional</i>	Filter for a selected SF Promotion ID	string
<b>query</b>	<b>tactic</b> <i>optional</i>	Filter for a selected SF Tactic ID	string

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links
401	Bad request token, not validated by sales force token validation.	No Links

Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

## **GET** /api/v1/volumes/promotions/daily/{measure}/{date}

Request Promotion/Tactic Specific Actuals (volumes) for a given date. The measure code together with the measure template configuration determines if decimal or integer store will serve the results. The api uses pagination, see URI parameters. The API returns only a limited amount of rows (300000). Requires CGCloud TPM Release v10.

**Permission Role:** Volumes read **Data Source Table Name:** Promotion Tactic Daily Measure Real

#### Parameters

Type	Name	Description	Schema
<b>path</b>	<b>date</b> <i>required</i>	Date the data is requested for. Format yyyy-mm-dd	string (date)



Type	Name	Description	Schema
query	<b>per_page</b> <i>optional</i>	Pagination paramete, records per page. Default is 10000	integer
query	<b>product</b> <i>optional</i>	Filter for a selected Product ID	string
path	<b>measure</b> <i>required</i>	Measure code as registered with the template api.	string
query	<b>keepalive</b> <i>optional</i>	Pagination parameter how long requested pages will be alive in minutes. Default is ten minutes.	integer
query	<b>salesorg</b> <i>optional</i>	SalesOrg used to determine correct periods (weeks and year) and first of day week and first week of year. Default is usually 1 and 1. This controls how the data is assigned to weeks in the result and how it is read on CGCloud cloud processing side.	string
query	<b>account</b> <i>optional</i>	Filter for a selected Account ID	string
query	<b>promotion</b> <i>optional</i>	Filter for a selected SF Promotion ID	string
query	<b>tactic</b> <i>optional</i>	Filter for a selected SF Tactic ID	string

### Responses

Code	Description	Links
200	<i>Content</i>	No Links
401	Bad request token, not validated by sales force token validation.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET

/api/v1/volumes/promotions/weeks/{measure}/{year}/{week}

Request Promotion/Tactic Specific Actuals (volumes) for a week of a year. The measure code together with the measure template configuration determines if decimal or integer store will serve the results. The api uses pagination, see URI. parameters. The API returns only a limited amount of rows (300000). Requires CGCloud TPM Release v10.

**Permission Role:** Volumes read **Data Source Table Name:** Promotion Tactic Weekly Measure Real

### Parameters

Type	Name	Description	Schema
query	<b>per_page</b> <i>optional</i>	Pagination parameter, records per page. Default is 10000	integer
query	<b>product</b> <i>optional</i>	Filter for a selected Product ID	string
path	<b>measure</b> <i>required</i>	Measure code as registered with the template api.	string
path	<b>week</b> <i>required</i>	Week of the year 1-52	integer
path	<b>year</b> <i>required</i>	Year in the format YYYY.	string
query	<b>keepalive</b> <i>optional</i>	Pagination parameter how long requested pages will be alive in minutes. Default is ten minutes.	integer
query	<b>salesorg</b> <i>optional</i>	SalesOrg used to determine correct periods and first of day week and first week of year.	string
query	<b>account</b> <i>optional</i>	Filter for a selected Account ID	string
query	<b>promotion</b> <i>optional</i>	Filter for a selected SF Promotion ID	string
query	<b>tactic</b> <i>optional</i>	Filter for a selected SF Tactic ID	string

### Responses

Code	Description	Links
200	<i>Content</i>	No Links
401	Bad request token, not validated by sales force token validation.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## **DELETE** /api/v1/volumes/promotions/daily/decimal/{date}

Delete Promotion/Tactic Specific Actuals (volumes) older than the given date. The processing is async and creates a new transaction with the given id implicitly.

**Permission Role:** Volumes delete **Data Source Table Name:** Promotion Tactic Daily Measure Real

### Parameters

Type	Name	Description	Schema
<b>path</b>	<b>date</b> <i>required</i>	Promotion/Tactic Specific Actuals (volumes) information will be deleted before the month of the given date. The API is for reorganization and cleanup processes.	string (date)
<b>query</b>	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system. Can be used to request state of delete using transaction api.	An implicit transaction is created for the given transaction id.

### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	Invalid URL parameters or invalid transaction id	No Links
401	Bad request token, not validated by sales force token validation.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## DELETE /api/v1/volumes/promotions/weeks/decimal/{date}

Promotion/Tactic Specific Actuals (volumes) information for a year ending before the given date will be deleted. The API is for reorganization and cleanup processes. The processing is async and creates a new transaction with the given id implicitly.

**Permission Role:** Volumes delete **Data Source Table Name:** Promotion Tactic Weekly Measure Real

### Parameters

Type	Name	Description	Schema
path	date <i>required</i>	Promotion/Tactic Specific Actuals (volumes) before that date will be deleted if before the corresponding year.	string (date)
query	transaction <i>required</i>	Transaction id specified by the sending system. Can be used to request state of delete using transaction api.	An implicit transaction is created for the given transaction id.

### Responses

Code	Description	Links
200	Content	No Links
400	Invalid URL parameters or invalid transaction id	No Links
401	Bad request token, not validated by sales force token validation.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## POST /api/v1/volumes/promotions/weeks/date/decimal

Send Promotion/Tactic Specific Actuals (volumes) on week level with type decimal values for a registered transaction. Start date: date of the volumes to assign to the right period (<https://tools.ietf.org/html/rfc3339#section-5.6>). Type: The template ID for the volumes. All messages send for a transaction must contain the sametemplate type. Payload limit to 30MB. Max value accepted is 2147483673 and rounded of to the 7 place. "type" and "salesorg" must be the same in all messages belonging to a transaction id. Requires CGCloud TPM Release v10. Tactic id in payload is optional: "tac" SF tactic id - string [18]

**Permission Role:** Volumes write **Data Source Table Name:** Promotion Tactic Weekly Measure Real

### Parameters

Type	Name	Description	Schema
<b>query</b>	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system.	string

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	JSON format not as expected or no registered transaction.	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Not authorized, missing privilege for user.	A message has not the same type as other before or template is not registered orr valid for a measure.

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Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

## POST /api/v1/volumes/promotions/daily/date/decimal

Send Promotion/Tactic Specific Actuals (volumes) on day level with type decimal values for a registered transaction. Start date: date of the volumes to assign to the right period (<https://tools.ietf.org/html/rfc3339#section-5.6>). Type: The template ID for the volumes .All messages send for a transaction must contain the sametemplate type. Payload limit to 30MB. Requires CGCloud TPM Release v10. Tactic id in payload is optional: "tac" SF tactic id - string [18]

The maximum number for values which can be represented properly using double precision is -9007199254740992 or 9007199254740992. If your value exceeds the maximum number, it will be automatically rounded or cut off. Please aware that you are responsible to handle such a huge number on your side to avoid rounding and cut off

**Permission Role:** Volumes write **Data Source Table Name:** Promotion Tactic Daily Measure Real

#### Parameters

Type	Name	Description	Schema
<b>query</b>	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system.	string

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	JSON format not as expected or no registered transaction.	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Not authorized, missing privilege for user.	A message has not the same type as other before or template is not registered orr valid for a measure.

Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

## **POST** /api/v1/conditions/products/prices

Send product prices for a registered transaction. Type within JSON payload must be a registered measure for product measures. If no datefrom or datethru is send default will be 1800-01-01 and 9999-12-31. Mixed mode without dates and dates is not supported. Without date is only supported for systems which don't support timebound values. Date from and date thru according to (<https://tools.ietf.org/html/rfc3339#section-5.6>). The API supports a complete mode given with the transaction, deleting all product conditions for products existing in the transaction.

**Permission Role:** Conditions write **Data Source Table Name:** Product Measure

#### Parameters

Type	Name	Description	Schema
<b>query</b>	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system.	string

#### Responses

Code	Description	Links
201	<i>Content</i>	No Links
400	Invalid JSON format	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	A message has not the same type as others received before or template is not registered.	code = 103 Message not same type code =105 Template (type) not registered.

Type	Name	Scopes
apiKey	oauth_2_0	

## POST /api/v1/conditions/products/discounts

Send product discounts for a registered transaction. Type within JSON payload must be a registered measure for product measures. If no datefrom or datethru is send default will be 1800-01-01 and 9999-12-31. Mixed mode without dates and dates is not supported. Without date is only supported for systems which don't support timebound values. The API supports a complete mode given with the transaction, deleting all product conditions for products existing in the transaction. | Date from and date thru according to (<https://tools.ietf.org/html/rfc3339#section-5.6>).

**Permission Role:** Conditions write **Data Source Table Name:** Product Measure

### Parameters

Type	Name	Description	Schema
query	transaction <i>required</i>	Transaction id specified by the sending system.	string

### Responses

Code	Description	Links
201	<i>Content</i>	No Links
400	Invalid JSON format	No Links
401	Bad request token, not validated by sales force token validation.	No Links

Code	Description	Links
403	A message has not the same type as others received before or template is not registered.	code = 103 Message not same type code = 105 Template (type) not registered.

Type	Name	Scopes
apiKey	oauth_2_0	

## POST /api/v1/conditions/accounts/discounts

Send account discounts for a registered transaction. Type within JSON payload must be a registered measure for product measures. If no datefrom or datethru is send default will be 1800-01-01 and 9999-12-31. Mixed mode without dates and dates is not supported. Without date is only supported for systems which don't support timebound values. The API supports a complete mode given with the transaction, deleting all account conditions for account existing in the transaction. | Date from and date thru according to (<https://tools.ietf.org/html/rfc3339#section-5.6>).

**Permission Role:** Conditions write **Data Source Table Name:** Account Measure

### Parameters

Type	Name	Description	Schema
query	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system.	string

### Responses

Code	Description	Links
201	<i>Content</i>	No Links
400	Invalid JSON format	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	A message has not the same type as others received before or template is not registered.	code = 103 Message not same type code = 105 Template (type) not registered.



Type	Name	Scopes
apiKey	oauth_2_0	

## POST /api/v1/conditions/accounts/costs

Send account costs for a registered transaction. Type within JSON payload must be a registered measure for product measures. If no datefrom or datethru is send default will be 1800-01-01 and 9999-12-31. Mixed mode without dates and dates is not supported. Without date is only supported for systems which don't support timebound values. The API supports a complete mode given with the transaction, deleting all account conditions for account existing in the transaction. | Date from and date thru according to (<https://tools.ietf.org/html/rfc3339#section-5.6>).

**Permission Role:** Conditions write **Data Source Table Name:** Account Measure

### Parameters

Type	Name	Description	Schema
query	transaction required	Transaction id specified by the sending system.	string

### Responses

Code	Description	Links
201	Content	No Links
400	Invalid JSON format	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	A message has not the same type as others received before or template is not registered.	code = 103 Message not same type code = 105 Template (type) not registered.

Type	Name	Scopes
apiKey	oauth_2_0	

## POST /api/v1/conditions/accountsproducts/prices

Send account/products prices for a registered transaction. Type within JSON payload must be a registered measure for product measures. If no datefrom or datethru is send default will be 1800-01-01 and 9999-12-31. Mixed mode without dates and dates is not supported. Without date is only supported for systems which don't support timebound values. The API supports a complete mode given with the transaction, deleting all account/product conditions for account/products existing in the transaction. | Date from and date thru according to (<https://tools.ietf.org/html/rfc3339#section-5.6>).

**Permission Role:** Conditions write **Data Source Table Name:** Account Poduct Measure

### Parameters

Type	Name	Description	Schema
query	transaction <i>required</i>	Transaction id specified by the sending system.	string

### Responses

Code	Description	Links
201	<i>Content</i>	No Links
400	Invalid JSON format	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	A message has not the same type as others received before or template is not registered.	code = 103 Message not same type code = 105 Template (type) not registered.

Type	Name	Scopes
apiKey	oauth_2_0	

## POST /api/v1/conditions/accountsproducts/costs

Send account/products costs for a registered transaction. Type within JSON payload must be a registered measure for product measures.If no datefrom or datethru is send default will be 1800-01-01 and 9999-12-31. Mixed mode without dates and dates is not supported. Without date is only supported for systems which don't support timebound values. The API supports a complete mode given with the transaction, deleting all account/product conditions for account/products existing in the transaction. | Date from and date thru according to (<https://tools.ietf.org/html/rfc3339#section-5.6>).

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**Permission Role:** Conditions write **Data Source Table Name:** Account Poduct Measure

*Parameters*

Type	Name	Description	Schema
query	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system.	string

*Responses*

Code	Description	Links
201	<i>Content</i>	No Links
400	Invalid JSON format	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	A message has not the same type as others received before or template is not registered.	code = 103 Message not same type code = 105 Template (type) not registered.

Type	Name	Scopes
apiKey	oauth_2_0	

## *GET /api/v1/conditions/accountsproducts/{measure}*

Request accounts product measures for a measure type. The api uses pagination, see URI parameters. The API returns only a limited amount of rows (300000)

**Permission Role:** Conditions read **Data Source Table Name:** Account Poduct Measure

*Parameters*

Type	Name	Description	Schema
query	<b>per_page</b> <i>optional</i>	Pagination parameter, records per page. Default is 10000	integer

Type	Name	Description	Schema
<b>query</b>	<b>product</b> <i>optional</i>	An optional filter to select only values for a single or multiple product ids. Multiple product ids are passed comma separated without spaces in between. Limited to 30 product ids.	string
<b>path</b>	<b>measure</b> <i>required</i>	measure code which must be configured to be used with account products.	string
<b>query</b>	<b>keepalive</b> <i>optional</i>	Pagination parameter how long requested pages will be alive in minutes.	integer
<b>query</b>	<b>today</b> <i>optional</i>	Without any value to receive measures for the current date.	string
<b>query</b>	<b>showmeta</b> <i>optional</i>	Show the pagination meta header within the payload.	boolean
<b>query</b>	<b>account</b> <i>optional</i>	A filter for a certain account id.	string
<b>query</b>	<b>considerpromotions</b> <i>optional</i>	The flag controls if promotion and tactic measures will also be selected. For non-promotion related conditions promotion and tactic id will return null.	boolean

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	code = 103 A message has not the same type as other received before, code = 105 Measure is not registered or not valid for use.	No Links
403	Not allowed to request.	No Links

Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

## DELETE /api/v1/conditions/accountsproducts/{measure}

Delete measures for products per accounts based on measure type. An implicit transaction is created based on the given transaction id, status of delete transaction can be checked using transaction api. The API is for reorganization and cleanup processes.

**Permission Role:** Conditions delete **Data Source Table Name:** Account Product Measure

### Parameters

Type	Name	Description	Schema
query	<b>deletefromeq</b> <i>optional</i>	Only conditions with the exact datefrom will be deleted.Can not be used together with datefrom or datethru parameter. Conditions in the past should not be deleted to avoid system inconsistency with already calculated promotions.	string (date)
query	<b>product</b> <i>optional</i>	Only conditions for the selected product will be affected.	string
path	<b>measure</b> <i>required</i>	measure code which must be configured to be used with account products.	string
query	<b>datefrom</b> <i>optional</i>	Only conditions which are not valid at that point in time can be delete. Date must be in the future. Can not be combined with datethru.	string (date)
query	<b>datethru</b> <i>optional</i>	Only conditions valid before that date will be deleted. Can not be combined with datefrom.	string (date)
query	<b>account</b> <i>optional</i>	Only conditions for the selected account will be affected.	string
query	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system.	string
query	<b>considerpromotions</b> <i>optional</i>	If true also conditions related to promotions will be deleted. Be ware they created within the promotion process on force.com side.	boolean

### Responses

Code	Description	Links
200	Content	No Links

Code	Description	Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Measure type not valid (code = 102)	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## **DELETE** /api/v1/conditions/accountsproducts

Delete conditions in bulk mode for accountsproducts. Status of delete transaction can be checked using transaction API. Maximal 1000 combinations are supported.

**Permission Role:** Conditions delete **Data Source Table Name:** Account Product Measure

### Parameters

Type	Name	Description	Schema
query	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system. An implicit transaction is created based on the given transaction id	string

### Responses

Code	Description	Links
200	<i>Content</i>	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Measure type not valid (code = 102)	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## **DELETE** /api/v1/conditions/accounts

Delete conditions in bulk mode for account maures. Status of delete transaction can be checked using transaction API. Maximal 1000 combinations are supported.

**Permission Role:** Conditions delete **Data Source Table Name:** Account Measure

### Parameters

Type	Name	Description	Schema
<b>query</b>	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system. An implicit transaction is created based on the given transaction id	string

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Measure type not valid (code = 102)	No Links

Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

## DELETE /api/v1/conditions/products

Delete conditions in bulk mode for product measures. Status of delete transaction can be checked using transaction API. Maximal 1000 combinations are supported.

**Permission Role:** Conditions delete **Data Source Table Name:** Product Measure

#### Parameters

Type	Name	Description	Schema
<b>query</b>	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system. An implicit transaction is created based on the given transaction id	string

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Measure type not valid (code = 102)	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET /api/v1/conditions/accounts/{measure}

Request account measures for a measure. The api uses pagination, see URI parameters. The API returns only a limited amount of rows (300000)

**Permission Role:** Conditions read **Data Source Table Name:** Account Measure

### Parameters

Type	Name	Description	Schema
query	<b>per_page</b> <i>optional</i>	Pagination parameter, records per page.	integer
path	<b>measure</b> <i>required</i>	measure code which must be configured to use for account products.	string
query	<b>keepalive</b> <i>optional</i>	Pagination parameter how long requested pages will be alive in minutes.	integer
query	<b>today</b> <i>optional</i>	Without any value to receive measures for the current date.	string
query	<b>showmeta</b> <i>optional</i>	Show the pagination meta header within the payload.	boolean
query	<b>account</b> <i>optional</i>	A filter for a certain account id.	string

### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	code = 103 A message has not the same type as other received before, code = 105 Measure template is not registered or not valid for use.	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Not allowed to request.	No Links



Type	Name	Scopes
apiKey	oauth_2_0	

## **DELETE** /api/v1/conditions/accounts/{measure}

Delete measures for accounts based on measure type. An implicit transaction is created based on the given transaction id, status of delete transaction can be checked using transaction api. The API is for reorganization and cleanup processes.

**Permission Role:** Conditions delete **Data Source Table Name:** Account Measure

### Parameters

Type	Name	Description	Schema
query	<b>deletefromeq</b> <i>optional</i>	Only conditions with the exact datefrom will be deleted.Can not be used together with datefrom or datethru parameter. Conditions in the past should not be deleted to avoid system inconsistency with already calculated promotions.	string (date)
path	<b>measure</b> <i>required</i>	measure code which must be configured to use for account products.	string
query	<b>datefrom</b> <i>optional</i>	Only conditions which are not valid at that point in time can be delete. Date must be in the future. Can not be combined with datethru.	string (date)
query	<b>datethru</b> <i>optional</i>	Only conditions valid before that date will be deleted. Can not be combined with datefrom.	string (date)
query	<b>account</b> <i>optional</i>	Only conditions for the selected account will be affected.	string
query	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system.	string

### Responses

Code	Description	Links
200	Content	No Links
400	Invalid URL parameters.	No Links

Code	Description	Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Measure type not valid (code = 102)	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET /api/v1/conditions/products/{measure}

Request product measures for a measure type. The api uses pagination, see URI parameters. The API returns only a limited amount of rows (300000)

**Permission Role:** Conditions read **Data Source Table Name:** Product Measure

### Parameters

Type	Name	Description	Schema
query	<b>per_page</b> <i>optional</i>	Pagination parameter, records per page.	integer
query	<b>product</b> <i>optional</i>	An optional filter to select only values for a single or multiple product ids. Multiple product ids are passed comma separated without spaces in between. Limited to 30 product ids.	string
path	<b>measure</b> <i>required</i>	measure code which must be configured to use for account products.	string
query	<b>keepalive</b> <i>optional</i>	Pagination parameter how long requested pages will be alive in minutes.	integer
query	<b>today</b> <i>optional</i>	Without any value to receive measures for the current date.	string
query	<b>showmeta</b> <i>optional</i>	Show the pagination meta header within the payload.	boolean

### Responses /

Code	Description	Links
200	<i>Content</i>	No Links

Code	Description	Links
400	code = 105 Measure is not registered or not valid for use.	No Links
403	Not allowed to request.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## **DELETE** /api/v1/conditions/products/{measure}

Delete measures for products based on measure type. An implicit transaction is created based on the given transaction id, status of delete transaction can be checked using transaction API. The API is for reorganization and cleanup processes

**Permission Role:** Conditions delete **Data Source Table Name:** Product Measure

### Parameters

Type	Name	Description	Schema
query	<b>deletefrom</b> <b>q</b> <i>optional</i>	Only conditions with the exact datefrom will be deleted.Can not be used together with datefrom or datethru parameter. Conditions in the past should not be deleted to avoid system inconsistency with already calculated promotions.	string (date)
query	<b>product</b> <i>optional</i>	Only conditions for the selected product will be affected.	string
path	<b>measure</b> <i>required</i>	measure code which must be configured to use for account products.	string
query	<b>datefrom</b> <i>optional</i>	Only conditions which are not valid at that point in time can be delete. Date must be in the future. Can not be combined with datethru.	string (date)
query	<b>datethru</b> <i>optional</i>	Only conditions valid before that date will be deleted. Can not be combined with datefrom.	string (date)
query	<b>transaction</b> <i>required</i>	Transaction id specified by the sending system.	string

### Responses

Code	Description	Links
200	Content	No Links
400	Invalid URL parameters.	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Measure type not valid (code = 102)	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET /api/v2/accountplans/{accountid}/year/{year}/list

Request data for a selected account and year. Return product and none product related KPIs.

**Permission Role:** Accountplans read

### Parameters

Type	Name	Description	Schema
query	<b>per_page</b> <i>optional</i>	Pagination parameter, records per page.	integer
path	<b>accountid</b> <i>required</i>	External ID of an account object from sales force.	string
query	<b>measure</b> <i>optional</i>	An optional filter to select only values for a single or multiple measure codes. Multiple measure codes are passed comma separated without spaces in between. Limited to 60 measure codes.	string
header	<b>If-Match</b> <i>optional</i>	Defines a precondition to send and calculate a result only if accountplan was not changed.	string
path	<b>year</b> <i>required</i>	4-digit year like 2015, or 2017.	string
query	<b>timeblock</b> <i>optional</i>	Controls if weekly, monthly or custom measures will be returned. This is not an aggregation, it depends on the measure configuration in the TPM engine.	enum (week,month,customperiod)

Type	Name	Description	Schema
query	<b>keepalive</b> <i>optional</i>	Pagination parameter how long requested pages will be alive in minutes.	integer
query	<b>showmeta</b> <i>optional</i>	Show the pagination meta header within the payload.	boolean
query	<b>productlevel</b> <i>optional</i>	An optional filter so select only values for a selected productlevel, e.g. "brand".	string
query	<b>salesorg</b> <i>required</i>	Only one sales org is supported.	string

### Responses

Code	Description	Links						
200	<p><i>Headers</i></p> <table> <tr> <th>Name</th><th>Description</th><th>Schema</th></tr> <tr> <td>ETag</td><td>A hash representing the last change of any KPI.</td><td>string</td></tr> </table> <p><i>Content</i></p>	Name	Description	Schema	ETag	A hash representing the last change of any KPI.	string	No Links
Name	Description	Schema						
ETag	A hash representing the last change of any KPI.	string						
400	Bad request.	No Links						
403	Not authorized, missing privilege for user.	No Links						

Type	Name	Scopes
apiKey	oauth_2_0	

## **POST** /api/v2/accountplans/changed/{datetime}

Request a list of account plans which have been changed since the given date and time.

**Permission Role:** Accountplans read

### Parameters

Type	Name	Description	Schema
<b>path</b>	<b>datetime</b> <i>required</i>	Date and time of the last change. Format YYYY-MM-DD HH:MI:SS Example 2017-07-17 10:12:06	string
<b>query</b>	<b>salesorg</b> <i>required</i>	An optional filter to select account plans for a given sales org. Maximal up to 3 sales orgs comma separated.	string

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	Bad request.	No Links
403	Not authorized, missing privilege for user.	No Links

Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

## POST /api/v1/accountplans/changed

Request a list of account plans which have been changed since compared with the send list of accountplans, year and ETAGs.

**Permission Role:** Accountplans read

#### Parameters

Type	Name	Description	Schema
<b>query</b>	<b>salesorg</b> <i>optional</i>	An optional filter to select account plans for a given sales org. Maximal up to 3 sales orgs comma separated.	string

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	Bad request.	No Links
403	Not authorized, missing privilege for user.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET /api/v1/promotions

Request all available promotion processed within CGCloud Processing Engine.

**Permission Role:** Promotions read

### Parameters

Type	Name	Description	Schema
query	salesorg <i>optional</i>	Filter promotions for a given sales org. Maximum three sales orgs can be specified comma separated.	string

### Responses

Code	Description	Links
200	<i>Content</i>	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Not authorized, missing privilege for user.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## POST /api/v2/promotions/changed/{datetime}

Defaults request a list of promotions which have been changed since the given date and time. With using the optional query parameter datethru, you are able to request a promotion list for a certain time frame (datefrom until datethru) e.g. X >= {datetime} and X <= datethru.

**Permission Role:** Promotions read

### Parameters

Type	Name	Description	Schema
path	datetime <i>required</i>	Date and time of the last change. Format YYYY-MM-DD HH:MI:SS Example 2020-06-19 17:47:45	string

Type	Name	Description	Schema
<b>query</b>	<b>datethru</b> <i>optional</i>	Date and time of the last change. Format YYYY-MM-DD HH:MI:SS Example 2020-06-19 17:47:44	string
<b>query</b>	<b>salesorg</b> <i>required</i>	Filter promotions for a given sales org. Maximal up to 3 sales orgs comma separated.	string

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	Bad request, invalid datetime format or invalid salesorg	No Links
403	Not authorized, missing privilege for user.	No Links

Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

## POST /api/v1/promotions/changed

Request a list of promotions which have been changed since compared with the send list of promotions and ETAGs.

**Permission Role:** Promotions read

#### Parameters

Type	Name	Description	Schema
<b>query</b>	<b>salesorg</b> <i>optional</i>	Filter promotions for a given sales org. Maximum three sales orgs can be specified comma separated.	string

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	Bad request.	No Links
403	Not authorized, missing privilege for user.	No Links



Type	Name	Scopes
apiKey	oauth_2_0	

## GET /api/v2/promotions/{promotionid}/aggregation

Request data for a single promotion and promotion level KPIS using pagination. Total value for a measure and product for measures on promotion level.

**Permission Role:** Promotions read

### Parameters

Type	Name	Description	Schema
query	<b>per_page</b> <i>optional</i>	Pagination parameter, records per page.	integer
query	<b>measure</b> <i>optional</i>	An optional filter to select only values for a single or multiple measure codes. Multiple measure codes are passed comma separated without spaces in between. Limited to 60 measure codes.	string
query	<b>keepalive</b> <i>optional</i>	Pagination parameter how long requested pages will be alive in minutes.	integer
query	<b>showmeta</b> <i>optional</i>	Show the pagination meta header within the payload.	boolean
query	<b>productlevel</b> <i>optional</i>	An optional filter so select only values for a selected productlevel, e.g. "brand".	string
query	<b>salesorg</b> <i>required</i>	Only one sales org is supported.	string
path	<b>promotionid</b> <i>required</i>	Sales Force ID of the promotion (Promotion_c.Id).	string

### Responses

Code	Description	Links
200	Content	No Links
401	Bad request token, not validated by sales force token validation.	No Links

Code	Description	Links
403	Not authorized, missing privilege for user.	No Links
404	Promotion not found	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET /api/v2/promotions/{promotionid}/all/list

Request data for a single promotion. Promotion and tactic level KPIS using pagination. Return proudct and none product related KPIS.

**Permission Role:** Promotions read

### Parameters

Type	Name	Description	Schema
query	<b>per_page</b> <i>optional</i>	Pagination parameter, records per page.	integer
query	<b>measure</b> <i>optional</i>	An optional filter to select only values for a single or multiple measure codes. Multiple measure codes are passed comma separated without spaces in between. Limited to 60 measure codes.	string
header	<b>If-Match</b> <i>optional</i>	Defines a precondition to send and calculate a result only if promotion was not changed.	string
query	<b>timeblock</b> <i>optional</i>	Controls if weekly, monthly or custom measures will be returned. This is not an aggregation. Depends on the measure configuration in the TPM engine. For using calendar weeks, valid parametres are 'week' or 'month'. For using custom calendar, valid parameters are 'customperiod' or 'month'.	enum (week,month,custompe riod)
query	<b>keepalive</b> <i>optional</i>	Pagination parameter how long requested pages will be alive in minutes.	integer
query	<b>showmeta</b> <i>optional</i>	Show the pagination meta header within the payload.	boolean

Type	Name	Description	Schema
<b>query</b>	<b>productlevel</b> <i>optional</i>	An optional filter so select only values for a selected productlevel, e.g. "brand".	string
<b>query</b>	<b>salesorg</b> <i>required</i>	Only one sales org is supported.	string
<b>path</b>	<b>promotionid</b> <i>required</i>	Sales Force ID of the promotion (Promotion__c.Id).	string

#### Responses

Code	Description	Links						
200	<div> <div> <b>Headers</b> <table> <tr> <th>Name</th><th>Description</th><th>Schema</th></tr> <tr> <td>ETag</td><td>A hash representing the last change of any KPI.</td><td>string</td></tr> </table> </div> <div> <b>Content</b> </div> </div>	Name	Description	Schema	ETag	A hash representing the last change of any KPI.	string	No Links
Name	Description	Schema						
ETag	A hash representing the last change of any KPI.	string						
401	Bad request token, not validated by sales force token validation.	No Links						
403	Not authorized, missing privilege for user.	No Links						
404	Promotion not found	No Links						

Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

## GET

/api/v2/promotions/{promotionid}/aggregation/totals/list

Returns the total values for KPIs over all products for all periods spanning the promotion runtime. That means for every returned KPI (not filtered out by parameter), the system will return the aggregated value over all assigned products. This happens always on promotion level. Tactic level KPIs will also be aggregated to promotion level.

**Permission Role:** Promotions read

#### Parameters

Type	Name	Description	Schema
<b>query</b>	<b>measure</b> <i>optional</i>	An optional filter to select only values for a single or multiple measure codes. Multiple measure codes are passed comma separated without spaces in between. Limited to 60 measure codes.	string
<b>header</b>	<b>If-Match</b> <i>optional</i>	Defines a precondition to send and calculate a result only if promotions was not changed.	string
<b>query</b>	<b>timeblock</b> <i>optional</i>	Controls if weekly, monthly or custom measures will be returned. This is not an aggregation. Depends on the measure configuration in the TPM engine. For using calendar weeks, valid parametres are 'week' or 'month'. For using custom calendar, valid parameters are 'customperiod' or 'month'.	enum (week,month,custompe riod)
<b>query</b>	<b>salesorg</b> <i>required</i>	Only one sales org is supported.	string
<b>query</b>	<b>productlevel</b> <i>optional</i>	An optional filter so select only values for a selected productlevel, e.g. "Brand".	string
<b>path</b>	<b>promotionid</b> <i>required</i>	Sales Force ID of the promotion (Promotion__c.Id).	string

### Responses

Code	Description	Links						
200	<p><i>Headers</i></p> <table> <tr> <th>Nam e</th><th>Description</th><th>Schema</th></tr> <tr> <td>ETag</td><td>A hash representing the last change of any KPI.</td><td>string</td></tr> </table> <p><i>Content</i></p>	Nam e	Description	Schema	ETag	A hash representing the last change of any KPI.	string	No Links
Nam e	Description	Schema						
ETag	A hash representing the last change of any KPI.	string						
400	Bad request e.g. salesorg not found, invalid timeblock, invalid measure type, invalid product level format, invalid promotion or tacrtic id format	No Links						
401	Bad request token, not validated by sales force token validation.	No Links						

Code	Description	Links
403	Not authorized, missing privilege for user.	No Links
404	Promotion not found	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET /api/v1/promotions/{promotionid}/tactics

Request available tactics for a selected promotion.

**Permission Role:** Promotions read

### Parameters

Type	Name	Description	Schema
header	<b>If-Match</b> <i>optional</i>	Defines a precondition to send and calculate a result only if promotions was not changed.	string
path	<b>promotionid</b> <i>required</i>	Sales Force ID of the promotion (Promotion__c.Id).	string

### Responses

Code	Description			Links
200	Headers			No Links
	Name	Description	Schema	
	ETag	A hash representing the last change of any KPI.	string	
	Content			
401	Bad request token, not validated by sales force token validation.			No Links
403	Not authorized, missing privilege for user.			No Links
404	Promotion not found			No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET

/api/v2/promotions/{promotionid}/tactics/{tacticid}/list

Request data for a single tactic of a promotion using pagination. The result will have one record as list per period year, measure and product of a tactic. **Permission Role:** Promotions read

### Parameters

Type	Name	Description	Schema
query	<b>per_page</b> <i>optional</i>	Pagination parameter, records per page.	integer
query	<b>measure</b> <i>optional</i>	An optional filter to select only values for a single or multiple measure codes. Multiple measure codes are passed comma separated without spaces in between. Limited to 60 measure codes. Return product and none product related KPIs.	string
header	<b>If-Match</b> <i>optional</i>	Defines a precondition to send and calculate a result only if promotions was not changed.	string
query	<b>timeblock</b> <i>optional</i>	Controls if weekly, monthly or custom measures will be returned. This is not an aggregation. Depends on the measure configuration in the TPM engine. For using calendar weeks, valid parameters are 'week' or 'month'. For using custom calendar, valid parameters are 'customperiod' or 'month'.	enum (week,month,customperiod)
query	<b>keepalive</b> <i>optional</i>	Pagination parameter how long requested pages will be alive in minutes.	integer
query	<b>showmeta</b> <i>optional</i>	Show the pagination meta header within the payload.	boolean
path	<b>tacticid</b> <i>required</i>	Sales Force ID of the tactic.	string

Type	Name	Description	Schema
<b>query</b>	<b>salesorg</b> <i>required</i>	Only one sales org is supported.	string
<b>query</b>	<b>productlevel</b> <i>optional</i>	An optional filter so select only values for a selected productlevel, e.g. "brand".	string
<b>path</b>	<b>promotionid</b> <i>required</i>	Sales Force ID of the promotion (Promotion_c.Id).	string

### Responses

Code	Description	Links						
200	<p><i>Headers</i></p> <table> <tr> <th>Name</th><th>Description</th><th>Schema</th></tr> <tr> <td>ETag</td><td>A hash representing the last change of any KPI.</td><td>string</td></tr> </table> <p><i>Content</i></p>	Name	Description	Schema	ETag	A hash representing the last change of any KPI.	string	No Links
Name	Description	Schema						
ETag	A hash representing the last change of any KPI.	string						
400	Bad request e.g. salesorg not found, invalid timeblock, invalid measure type, invalid product level format, invalid promotion or tactic id format	No Links						
401	Bad request token, not validated by sales force token validation.	No Links						
403	Not authorized, missing privilege for user.	No Links						
404	Promotion not found	No Links						

Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

## GET

/api/v2/promotions/{promotionid}/aggregation/tactics/{tacticid}

Request data for a single tactic of a promotion using pagination. Total value for a measure and product for measures on tactic level.

**Permission Role:** Promotions read*Parameters*

Type	Name	Description	Schema
query	<b>per_page</b> <i>optional</i>	Pagination parameter, records per page.	integer
query	<b>measure</b> <i>optional</i>	An optional filter to select only values for a single or multiple measure codes. Multiple measure codes are passed comma separated without spaces in between. Limited to 60 measure codes.	string
query	<b>keepalive</b> <i>optional</i>	Pagination parameter how long requested pages will be alive in minutes.	integer
query	<b>showmeta</b> <i>optional</i>	Show the pagination meta header within the payload.	boolean
path	<b>tacticid</b> <i>required</i>	Sales Force ID of the tactic.	string
query	<b>productlevel</b> <i>optional</i>	An optional filter so select only values for a selected productlevel, e.g. "brand".	string
query	<b>salesorg</b> <i>required</i>	Only one sales org is supported.	string
path	<b>promotionid</b> <i>required</i>	Sales Force ID of the promotion (Promotion_c.Id).	string

*Responses*

Code	Description	Links
200	<i>Content</i>	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Not authorized, missing privilege for user.	No Links
404	Promotion not found	No Links



Type	Name	Scopes
apiKey	oauth_2_0	

## GET /api/v2/promotions/{promotionid}/products

This API provides for a given promotion id for each tactic and promotion header level a list of products which created at least one writeback.

**Permission Role:** Promotions read

### Parameters

Type	Name	Description	Schema
query	<b>per_page</b> <i>optional</i>	Pagination parameter, records per page.	integer
query	<b>timeblock</b> <i>optional</i>	Controls if weekly, monthly or custom measures will be returned. This is not an aggregation. Depends on the measure configuration in the TPM engine. For using calendar weeks, valid parameters are 'week' or 'month'. For using custom calendar, valid parameters are 'customperiod' or 'month'.	enum (week,month,customperiod)
query	<b>keepalive</b> <i>optional</i>	Pagination parameter how long requested pages will be alive in minutes.	integer
query	<b>showmeta</b> <i>optional</i>	Show the pagination meta header within the payload.	boolean
query	<b>salesorg</b> <i>required</i>	Only one sales org is supported.	string
query	<b>productlevel</b> <i>optional</i>	An optional filter so select only values for a selected productlevel, e.g. "brand".	string
path	<b>promotionid</b> <i>required</i>	Sales Force ID of the promotion (Promotion_c.Id).	string

### Responses

Code	Description	Links
200	<i>Content</i>	No Links

Code	Description	Links
400	Bad request, invalid salesorg	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Not authorized, missing privilege for user.	No Links
404	Promotion not found.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET /api/v1/support/accounts

Get accounts available and successfully transferred into CGCloud Processing services internal structures. Result is limited to 100.000 accounts.

**Permission Role:** Support

### Parameters

Type	Name	Description	Schema
query	<b>filter</b> <i>optional</i>	Filter on external ID. All IDs starting with the filter string will are selected.	string

### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	Filter longer as 30 characters.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET /api/v1/support/products

Get products available and successfully transferred into CGCloud Processing services internal structures./Result is limited to 100.000 products.

**Permission Role:** Support

### Parameters

Type	Name	Description	Schema
query	<b>filter</b> <i>optional</i>	Filter on external ID. All IDs starting with the filter string will be selected.	string

### Responses

Code	Description	Links
200	<i>Content</i>	No Links
400	Filter longer as 30 characters.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET /api/v1/support/volumes/weeklymeasureint

Support API to analyze internal datastructures for integer values organized weekly. This API is only for support and can be changed without notice. Support privilege is required to use that API. The API is limited to 100.000 rows and uses pagination.

**Permission Role:** Support

### Parameters

Type	Name	Description	Schema
query	<b>product</b> <i>optional</i>	List of product ID, maximum 30 id's supported.	string
query	<b>measure</b> <i>required</i>	List of measures comma separated. Maximum 10 measure codes.	string
query	<b>year</b> <i>required</i>	Year of the requested measures. e.g. 2016	string
query	<b>account</b> <i>optional</i>	List of account ID, maximum 30 id's supported.	string

### Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET /api/v1/support/volumes/weeklymeasurereal

Support API to analyze internal datastructures for decimal values organized weekly. This API is only for support and can be changed without notice. Support privilege is required to use that API. The API is limited to 100.000 rows and uses pagination.

**Permission Role:** Support

### Parameters

Type	Name	Description	Schema
query	<b>product</b> <i>optional</i>	List of product ID, maximum 30 id's supported.	string
query	<b>measure</b> <i>required</i>	List of measures comma separated. Maximum 10 measure codes.	string
query	<b>year</b> <i>required</i>	Year of the requested measures. e.g. 2016	string
query	<b>account</b> <i>optional</i>	List of account ID, maximum 30 id's supported.	string

### Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET /api/v1/support/volumes/dailymeasureint

Support API to analyze internal datastructures for integer values organized weekly. This API is only for support and can be changed without notice. Support privilege is required to use that API. The API is limited to 100.000 rows and uses pagination.

**Permission Role:** Support

### Parameters

Type	Name	Description	Schema
query	<b>product</b> <i>optional</i>	List of product ID, maximum 30 id's supported.	string
query	<b>measure</b> <i>required</i>	List of measures comma separated. Maximum 10 measure codes.	string
query	<b>month</b> <i>required</i>	Month of the requested measures. e.g. 1, 10	string
query	<b>year</b> <i>required</i>	Year of the requested measures. e.g. 2016	string
query	<b>account</b> <i>optional</i>	List of account ID, maximum 30 id's supported.	string

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET /api/v1/support/volumes/dailymeasurereal

Support API to analyze internal datastructures for decimal values organized weekly. This API is only for support and can be changed without notice. Support privilege is required to use that API. The API is limited to 100.000 rows and uses pagination.

**Permission Role:** Support

#### Parameters

Type	Name	Description	Schema
query	<b>product</b> <i>optional</i>	List of product ID, maximum 30 id's supported.	string
query	<b>measure</b> <i>required</i>	List of measures comma separated. Maximum 10 measure codes.	string
query	<b>month</b> <i>required</i>	Month of the requested measures. e.g. 1, 10	string

Type	Name	Description	Schema
<b>query</b>	<b>year</b> <i>required</i>	Year of the requested measures. e.g. 2016	string
<b>query</b>	<b>account</b> <i>optional</i>	List of account ID, maximum 30 id's supported.	string

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

## GET /api/v1/support/volumes/promotiontacticweeklymeasureread

Support API to analyze internal datastructures for decimal values organized weekly. This API is only for support and can be changed without notice. Support privilege is required to use that API. The API is limited to 300.000 rows and uses pagination. Requires CGCloud TPM Release v10.

**Permission Role:** Support

#### Parameters

Type	Name	Description	Schema
<b>query</b>	<b>product</b> <i>optional</i>	List of product ID, maximum 30 id's supported.	string
<b>query</b>	<b>measure</b> <i>required</i>	List of measures comma separated. Maximum 10 measure codes.	string
<b>query</b>	<b>year</b> <i>required</i>	Year of the requested measures. e.g. 2016	string
<b>query</b>	<b>account</b> <i>optional</i>	List of account ID, maximum 30 id's supported.	string

#### Responses

Code	Description	Links
200	Content	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET

**/api/v1/support/volumes/promotiontacticdailymeasurereal**

Support API to analyze internal datastructures for decimal values organized weekly. This API is only for support and can be changed without notice. Support privilege is required to use that API. The API is limited to 300.000 rows and uses pagination. Requires CGCloud TPM Release v10.

**Permission Role:** Support

### Parameters

Type	Name	Description	Schema
query	<b>product</b> <i>optional</i>	List of product ID, maximum 30 id's supported.	string
query	<b>measure</b> <i>required</i>	List of measures comma separated. Maximum 10 measure codes.	string
query	<b>month</b> <i>required</i>	Month of the requested measures. e.g. 1, 10	string
query	<b>year</b> <i>required</i>	Year of the requested measures. e.g. 2016	string
query	<b>account</b> <i>optional</i>	List of account ID, maximum 30 id's supported.	string

### Responses

Code	Description	Links
200	Content	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET /api/v1/support/accounts/{id}/summary

List all dependency like accounts, accountproducts, volumes (weekly and daily) with type integer or decimal related to a given account.

**Permission Role:** Support

### Parameters

Type	Name	Description	Schema
query	<b>year</b> <i>optional</i>	Filter for a given year. Default is the current year.	string
path	<b>id</b> <i>required</i>		string

### Responses

Code	Description	Links
200	<i>Content</i>	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET /api/v1/users

Get all registered users

### Responses

Code	Description	Links
200	<i>Content</i>	No Links
404	User for given id not found.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## POST /api/v1/users

This API is deprecated. Please use CGCloud Operational Portal to add a new user. Add a new user



### Responses

Code	Description	Links
400	Invalid JSON format.	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Not authorized, missing privilege for user.	No Links
409	User already exists.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## PUT /api/v1/users/{id}

This API is deprecated. Please use CGCloud Operational Portal to update a user. Update a user. Privileges can be send with false to remove or true to add. Not send privileges are not changed.

### Parameters

Type	Name	Description	Schema
path	id <i>required</i>	Internal ID of CGCloud Processing Engine	integer

### Responses

Code	Description	Links
400	Invalid JSON format.	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Not authorized, missing privilege for user.	No Links
404	User with id not found.	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## DELETE /api/v1/users/{id}

This API is deprecated. Please use CGCloud Operational Portal to delete a user. Delete a single user.

Only possible if the user was not using the API the last 6 month.

#### Parameters

Type	Name	Description	Schema
<b>path</b>	<b>id</b> <i>required</i>	Internal ID of CGCloud Processing Engine	integer

#### Responses

Code	Description	Links
200	Successfully deleted	No Links
403	Not authorized, missing privilege for user.	No Links
404	User for id not found	No Links

Type	Name	Scopes
<b>apiKey</b>	oauth_2_0	

## GET /api/v1/users/{id}/history

Get user history (audit information) order by date descending.

#### Parameters

Type	Name	Description	Schema
<b>query</b>	<b>limit</b> <i>optional</i>	Maximal number of events returned, descending by time	integer
<b>path</b>	<b>id</b> <i>required</i>	Internal ID of CGCloud Processing Engine	integer

#### Responses

Code	Description	Links
200	<i>Content</i>	No Links
403	Not authorized, missing privilege for user.	No Links
404	User for id not found	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

## GET /api/v1/files/getcsv/{csvguid}

A stream/file which can be consumed by the caller to download the zipped csv content for the given csvGUID. Default location is tpm/short/export/csv. You will need to unzip it before consuming the CSV. By providing a path thru the query, you are able to direct where the csv file are located. The life cycle of a file depends on a configuration in which directory the file is located. Currently we use the follow pattern (short 24 hrs, long 30 days and permanent). Requires CGCloud TPM Release v12.

**Permission Role:** Files read

### Parameters

Type	Name	Description	Schema
query	path <i>optional</i>	Location of the CSV file. Example: path=tpm/long/export/measures/csv	string
path	csvguid <i>required</i>	A valid GUID (Globally Unique Identifier) to identify the requested file	string

### Responses

Code	Description	Links
200	CSV content/file  <i>Content</i> <b>application/json</b> <b>application/gzip</b>	No Links
400	Invalid guid, invalid path	No Links
401	Bad request token, not validated by sales force token validation.	No Links
403	Not authorized, missing privilege for user.	No Links
404	path not exists, guid not exists	No Links

Type	Name	Scopes
apiKey	oauth_2_0	

# Components