

# DCM Customer API Documentation

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## Overview

The GovDelivery DCM REST APIs provide a standard interface for interacting with GovDelivery DCM services.

REST APIs provide access to resources (data entities) via URI paths. To use a REST API, your application will make an HTTP request and parse the response. Your methods will be the standard HTTP methods like GET, PUT, POST and DELETE. REST APIs operate over HTTP(S) making it easy to use with any programming language or framework.

The input and output format for the DCM REST API set is XML. Please see the list of use cases below for a high level explanation of how to use our APIs to accomplish common tasks.

## Simple example to create a subscriber via DCM

Want to create a subscriber in DCM via REST? Here's how easy it is.

The example below uses [curl](#).

- The input file is denoted by the '--data @filename' syntax. Save the data below into the named file. The data is shown separately, and uses the XML format.  
POST the XML to the DCM stage server. In the example, the server is: `https://stage-api.govdelivery.com/api/account/<ACCOUNT_CODE>/subscriptions.xml`
- The example uses basic authentication, with a username 'user' and password 'pass'.

### Create subscriber curl command

```
curl -s -D- -X POST -u 'username':'password' -d@subscription_create.txt -H
'Content-Type: text/xml'
https://stage-api.govdelivery.com/api/account/<ACCOUNT_CODE>/subscriptions.xml
```

### XML Input Data (contents of subscription\_create.txt)

```
<subscriber>
  <email>test01@test.govdelivery.com</email>
  <send-notifications type='boolean'>false</send-notifications>
  <topics type='array'>
    <topic>
      <code><TOPIC_CODE></code>
    </topic>
  </topics>
</subscriber>
```

### XML Response - 200 OK

HTTP/1.1 200

```
<?xml version="1.0" encoding="UTF-8"?>
<subscriber>
  <to-param>dGVzdDAxQHRlc3QuZ292ZGVsaXZlcnkY29t</to-param>

  <subscriber-uri>/api/account/<ACCOUNT_CODE>/subscribers/dGVzdDAxQHRlc3QuZ292ZGVsaXZlcnkY29t.xml</subscriber-uri>
  <link rel="self"
href="/api/account/<ACCOUNT_CODE>/subscribers/dGVzdDAxQHRlc3QuZ292ZGVsaXZlcnkY29t "/>

  <subscriber-uri>/api/account/<ACCOUNT_CODE>/subscribers/dGVzdDAxQHRlc3QuZ292ZGVsaXZlcnkY29t</subscriber-uri>
</subscriber>
```

## Authentication

All DCM REST API authentication is HTTP Basic, and all requests to DCM are secured via HTTPS.

## Content Type

The DCM API uses XML as data payloads. Each incoming request **must** contain an XML Content-Type header:

Content-Type: text/xml; charset: utf-8

## Usage Patterns

### Creating subscribers and subscriptions

Creating subscriptions for a subscriber is very easy, we maintain a simplified [subscriptions](#) API call specifically to do this

1. POST to /api/account/<ACCOUNT\_CODE>/subscriptions

The subscriptions API call will create a subscriber if they do not already exist, and then add topic subscriptions to this subscriber based on the topics you provide in the input. It is always additive, and will not remove any topic subscriptions from any existing subscriber.

### Delete topic subscriptions from a subscriber

Removing subscriptions for a subscriber is just as easy as adding them, send an HTTP DELETE to the [subscriptions](#) API and provide the same payload as you do to create them

1. DELETE to /api/account/<ACCOUNT\_CODE>/subscriptions

The subscriptions API call will remove the specified topic subscriptions from the subscriber. Note that this API will not delete the subscriber, only remove topic subscriptions.

## Read an existing subscriber's topic subscriptions

You can retrieve a list of the [topic subscriptions](#) for an existing subscriber

1. GET to `/api/account/<ACCOUNT_CODE>/subscribers/<base64-subscriber-destination>/topics`

Note: If the subscriber does not exist, you will get a HTTP 404 as a response code

## Send a bulletin

You can send a bulletin to one or more topics

1. POST to `/api/account/<ACCOUNT_CODE>/bulletins/send_now`

## Send a bulletin with an attachment

You can send a bulletin to one or more topics with an attachment

1. POST to `/api/account/<ACCOUNT_CODE>/bulletins/send_now`
2. Use the multipart MIME input format, which encodes the attachment files for you
3. You will use the `bulletin_files[deliver]` parameter to set if you want to link the attachment or deliver it with your bulletin
  - a. `bulletin_files[deliver] = true` - will attach the file to the bulletin to deliver to the subscribers inbox
  - b. `bulletin_files[deliver] = false` - will create a link in the bulletin content for subscribers to click on, will not attach the file to the bulletin
    - i. You must use the `[[ALL_ATTACHMENTS]]` macro in your bulletin body for the link to the file to show up

## Update or delete topic subscriptions

Note: We recommend using the [subscriptions](#) API rather than replacing all topic subscriptions for a subscriber

You can [update the entire list](#) of a subscriber's topics

1. GET to `/api/account/<ACCOUNT_CODE>/subscribers/<base64-subscriber-destination>/topics`
2. Parse the result, topic codes are stored in the `to-param` element, put topic codes into an in-memory array
3. Removing or add new topic codes in your array that you want the subscriber to be subscribed to
4. Construct a new request payload using the format accepted by the [PUT call to subscriber\\_topics](#)
5. PUT the resulting XML structure that you modified to `/api/account/<ACCOUNT_CODE>/subscribers/<base64-subscriber-destination>/topics`

## Create/modify question responses for a subscriber

If the question is free text:

1. PUT to `/api/account/<ACCOUNT_CODE>/subscribers/<base64-subscriber-destination>/questions/<base64-question-id>/responses`

If the question is choose one:

1. Retrieve the answers to the question
  - a. GET to `/api/account/<ACCOUNT_CODE>/questions/<question-id>`
2. Locate the answer you are looking for in the output, and store the `answer-id` value
3. PUT to `/api/account/<ACCOUNT_CODE>/subscribers/<base64-subscriber-destination>/questions/<base64-question-id>/responses`
  - a. Provide `answer-id` as input

In many cases, it can be easier to cache or store the answers to the questions you will be interacting with on your system to reduce the number of API calls and complexity of the interactions.

## Read question responses for a subscriber

You can create or modify a subscriber's answers to a specific question, such as "What state do you live in?". This assumes the subscriber is already created.

1. GET to `/api/account/<ACCOUNT_CODE>/subscribers/<base64-subscriber-destination>/responses`
  - a. Textual representation of the response is located in the `<question-answer-text>` field
  - b. (Optionally) Parse the response for the `<question-id>`
2. (Optionally) GET to `/api/account/<ACCOUNT_CODE>/questions/<base64-decoded-question-id>`
  - a. i.e. `/api/account/<ACCOUNT_CODE>/questions/1234`

The optional part of this is if you have not cached the question information in your system you can make a GET to the question to get the name of

the question.

### Change a subscriber's email address

You can create or modify a subscriber's email address

- 1. (optional) GET to /api/account/<ACCOUNT\_CODE>/subscribers/<base64-subscriber-destination>
  - a. ensure that you receive a 200 response, this will let you know the subscriber exists
- 2. PUT to /api/account/<ACCOUNT\_CODE>/subscribers/<base64-subscriber-destination>
  - a. Payload is <email>new\_email@test.govdelivery.com</email>

### Glossary and Terms

When you see something like this: <ACCOUNT\_CODE>, this means that you will be replacing ACCOUNT\_CODE with your account specific value, and removing the < and the > in your data or command. For example, /api/account/<ACCOUNT\_CODE>/subscribers/add\_subscriptions becomes /api/account/USORG/subscribers/add\_subscriptions where USORG is your DCM account code.

Term	Meaning in a URI	Meaning in an API payload	Data type	Validation	Size	Example in an API payload	Example in a URI
ACCOUNT_CODE	Your DCM account code		string			USORG	/api/account/USORG/topics
base64-answer-id		Base64 encoded answer id for assigning a response/answer to a question	base64 string			MTIzNA==	
base64-question-id	Base64 encoded id of a question	Base64 encoded id of a question	base64 string			MTIzNA==	/api/account/USORG/subscribers/dGVzdDxQHRlc3QuZ292ZGVsaXZlcnkY29t/questions/MTIyMTM=/responses
base64-response-id		Base64 encoded id of a subscriber response to a question	base64 string			MTIzNA==	
base64-subscriber-destination	The email address or phone number for a subscriber		base64 string			<to-param>dGVzdDxQHRlc3QuZ292ZGVsaXZlcnkY29t</to-param>	/api/account/USORG/subscribers/dGVzdDxQHRlc3QuZ292ZGVsaXZlcnkY29t
country-code		Country code for a subscriber's phone number (US is 1)	number	Number	2	<country-code>1</country-code>	

email		Subscriber's email address	string	RFC compliant email address	130	<email>test01@test.govdelivery.com</email>	
phone		Subscriber's phone number for SMS alerts	string	Numbers and dashes	10	<phone>651-555-1212</phone>	
question-answer-text		Free text response to a question	string		1000		
question-id		Id of a question	integer				/api/account/USORG/questions/12213
send-notifications		Enable or disable transactional messages notifying the subscriber that a change was made to their profile (e.g. adding or removing a topic subscription)	boolean			<send-notifications type='boolean'>false</send-notifications>	
subscriber-uri		URI that can be used to access the subscriber	string (URI path)			<subscriber-uri>/api/account/USORG/subscribers/dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnuY29t</subscriber-uri>	
to-param		The "identifier" for the resource you are viewing.  This is normally the id that you would use to later access the resource.	varied; can be treated as a string			<to-param>dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnuY29t</to-param>	
TOPIC_CODE	A topic code in your DCM account		string		128	<topic> <code>USORG_101</code> > </topic>	/api/account/USORG/topics/USORG_101
topic-uri		URI that can be used to access a topic	string (URI path)			<topic-uri>/api/account/USORG/topics/USORG_101.xml</topic-uri>	

## DCM API reference documentation

### add\_subscriptions and del\_subscriptions

#### URI: /api/account/<ACCOUNT\_CODE>/subscriptions

Use this resource to create or remove subscriptions from a subscriber. The add\_subscriptions API call will create a subscriber if they do not already exist, and then add topic subscriptions to this subscriber based on the topics you provide in the input. This API will not remove any subscribers, it only works on subscriptions.

#### Methods

##### POST

#### Description

Create new topic subscriptions

#### Request Format

```
<subscriber>
  <email>test01@test.govdelivery.com</email>
  <send-notifications type='boolean'>false</send-notifications>
  <topics type='array'>
    <topic>
      <code>TOPIC_CODE</code>
    </topic>
    <topic>
      <code>TOPIC_CODE</code>
    </topic>
  </topics>
</subscriber>
```

-- OR --

```
<subscriber>
  <phone>651-555-1212</phone>
  <country-code>1</country-code>
  <send-notifications type='boolean'>false</send-notifications>
  <topics type='array'>
    <topic>
      <code>TOPIC_CODE</code>
    </topic>
    <topic>
      <code>TOPIC_CODE</code>
    </topic>
  </topics>
</subscriber>
```

##### DELETE

#### Description

Delete topic subscriptions for an existing subscriber

#### Request Format

```
<subscriber>
  <email>test01@test.govdelivery.com</email>
  <send-notifications type='boolean'>>false</send-notifications>
  <topics type='array'>
    <topic>
      <code><TOPIC_CODE></code>
    </topic>
    <topic>
      <code><TOPIC_CODE></code>
    </topic>
  </topics>
</subscriber>
```

-- OR --

```
<subscriber>
  <phone>651-555-1212</phone>
  <country-code>1</country-code>
  <send-notifications type='boolean'>>false</send-notifications>
  <topics type='array'>
    <topic>
      <code><TOPIC_CODE></code>
    </topic>
    <topic>
      <code><TOPIC_CODE></code>
    </topic>
  </topics>
</subscriber>
```

## Response Formats

### 401 Unauthorized

### 422 Unprocessable Entity

```
<?xml version="1.0" encoding="UTF-8"?>
<errors>
  <code>GD-15014</code>
  <error>topic code(s) are invalid</error>
</errors>
```

### 200 OK

```
<?xml version="1.0" encoding="UTF-8"?>
<subscriber>
  <to-param>dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnkuY29t</to-param>

  <subscriber-uri>/api/account/<ACCOUNT_CODE>/subscribers/dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnkuY29t.xml</subscriber-uri>
  <link rel="self"
href="/api/account/<ACCOUNT_CODE>/subscribers/dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnkuY29t
"/>

  <subscriber-uri>/api/account/<ACCOUNT_CODE>/subscribers/dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnkuY29t</subscriber-uri>
</subscriber>
```

## subscriber

**URI:** /api/account/<ACCOUNT\_CODE>/subscribers/<base64-subscriber-destination>

Use this resource to read or modify a subscriber

### Methods

---

GET

### Description

Read a subscriber

### Response Formats

**401 Unauthorized**

**200 OK**



```
<?xml version="1.0" encoding="UTF-8"?>
<subscriber>
  <id type="integer">1234</id>
  <email>test01@test.govdelivery.com</email>
  <to-param>dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnkY29t</to-param>
  <lock-version type="integer">4</lock-version>
  <digest-for type="integer">1</digest-for>

  <subscriber-uri>/api/account/TOR_TEST/subscribers/dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnkY29t</subscriber-uri>

  <subscriber-categories-uri>/api/account/TOR_TEST/subscribers/dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnkY29t/categories</subscriber-categories-uri>

  <subscriber-topics-uri>/api/account/TOR_TEST/subscribers/dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnkY29t/topics</subscriber-topics-uri>

  <subscriber-questions-uri>/api/account/TOR_TEST/subscribers/dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnkY29t/questions</subscriber-questions-uri>

  <subscriber-responses-uri>/api/account/TOR_TEST/subscribers/dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnkY29t/responses</subscriber-responses-uri>
  <link rel="self"
href="/api/account/TOR_TEST/subscribers/dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnkY29t" />
  <link rel="categories"
href="/api/account/TOR_TEST/subscribers/dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnkY29t/categories" />
  <link rel="topics"
href="/api/account/TOR_TEST/subscribers/dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnkY29t/topics" />
  <link rel="questions"
href="/api/account/TOR_TEST/subscribers/dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnkY29t/questions" />
  <link rel="responses"
href="/api/account/TOR_TEST/subscribers/dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnkY29t/responses" />
</subscriber>
```

PUT

### Description

Replace email address for a subscriber

### Request Format

```
<subscriber>
  <email>test02@test.govdelivery.com</email>
</subscriber>
```

### Response Formats

#### 401 Unauthorized

#### 422 Unprocessable Entity

```
<?xml version="1.0" encoding="UTF-8"?>
<errors>
  <code>GD-15004</code>
  <error>Email is invalid</error>
</errors>
```

## 200 OK

```
<?xml version="1.0" encoding="UTF-8"?>
<subscriber>
  <to-param>dGVzdDAxQHRlc3QuZ292ZGVsaXZlcnkuY29t</to-param>

  <subscriber-uri>/api/account/<ACCOUNT_CODE>/subscribers/dGVzdDAxQHRlc3QuZ292ZGVsaXZlcnkuY29t.xml</subscriber-uri>
  <link rel="self"
href="/api/account/<ACCOUNT_CODE>/subscribers/dGVzdDAxQHRlc3QuZ292ZGVsaXZlcnkuY29t
"/>

  <subscriber-uri>/api/account/<ACCOUNT_CODE>/subscribers/dGVzdDAxQHRlc3QuZ292ZGVsaXZlcnkuY29t</subscriber-uri>
</subscriber>
```

## subscriber\_topics

**URI: /api/account/<ACCOUNT\_CODE>/subscribers/<base64-subscriber-destination>/topics**

Use this resource to read the topic subscriptions that a subscriber has.

### Methods

GET

### Description

List topic subscriptions for a subscriber

## Response Formats

### 401 Unauthorized

### 200 OK

```
<?xml version="1.0" encoding="UTF-8"?>
<topics type="array">
  <topic>
    <to-param><TOPIC_CODE></to-param>
    <link rel="self" href="/api/account/<ACCOUNT_CODE>/topics/<TOPIC_CODE>"/>
    <topic-uri>/api/account/<ACCOUNT_CODE>/topics/<TOPIC_CODE>.xml</topic-uri>
  </topic>
</topics>
```

PUT

## Description

Replace topic subscriptions for an existing subscriber

## Request Format

```
<subscriber>
  <send-notifications type='boolean'>false</send-notifications>
  <topics type='array'>
    <topic>
      <code><TOPIC_CODE></code>
    </topic>
    <topic>
      <code><TOPIC_CODE></code>
    </topic>
  </topics>
</subscriber>
```

## Response Formats

### 401 Unauthorized

### 422 Unprocessable Entity

```
<?xml version="1.0" encoding="UTF-8"?>
<errors>
  <code>GD-15014</code>
  <error>topic code(s) are invalid</error>
</errors>
```

### 200 OK

```
<?xml version="1.0" encoding="UTF-8"?>
<subscriber>
  <to-param>dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnkY29t</to-param>

  <subscriber-uri>/api/account/<ACCOUNT_CODE>/subscribers/dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnkY29t.xml</subscriber-uri>
  <link rel="self"
href="/api/account/<ACCOUNT_CODE>/subscribers/dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnkY29t
"/>

  <subscriber-uri>/api/account/<ACCOUNT_CODE>/subscribers/dGVzdDAXQHRlc3QuZ292ZGVsaXZlcnkY29t</subscriber-uri>
</subscriber>
```

## subscriber\_responses

**URI:** /api/account/<ACCOUNT\_CODE>/subscribers/<base64-subscriber-destination>/questions/<base64-question-id>/responses

Use this resource to read or update the responses for a subscriber to a specific question.

## Methods

### GET

#### Description

Read subscriber responses.

#### Response Formats

##### 401 Unauthorized

##### 404 Not Found

```
<?xml version="1.0" encoding="UTF-8"?>
<errors>
  <code>GD-15002</code>
  <error>Subscriber not found</error>
</errors>
```

#### 200 OK

```
<?xml version="1.0" encoding="UTF-8"?>
<responses type="array">
  <response>
    <question-answer-text>Tennessee</question-answer-text>
    <to-param><base64-response-id></to-param>
    <question-id><base64-question-id></question-id>
    <answer-id><base64-answer-id></answer-id>
  </response>
</responses>
```

### PUT

#### Description

Create or update subscriber responses

#### Request Format

##### Free text question type

```
<responses type="array">
  <response>
    <question-answer-text>Something smart and relevant</question-answer-text>
  </response>
</responses>
```

### Choose one question type

```
<responses type="array">
  <response>
    <answer-id><base64-answer-id></answer-id>
  </response>
</responses>
```

#### Response Formats

##### 401 Unauthorized

##### 422 Unprocessable Entity

```
<?xml version="1.0" encoding="UTF-8"?>
<errors>
  <code>GD-10001</code>
  <error>The path specified is invalid. Please check the path</error>
</errors>
```

#### 200 OK

### send\_now

**URI:** /api/account/ACME/bulletins/send\_now

Use this resource to send a bulletin to one or more topics in a single step.

#### Methods

POST

#### Description

Create and send a bulletin to a list of topics

#### Request Format

### XML input

```
<bulletin>
  <subject>ENTER SUBJECT</subject>
  <body><![CDATA[<p>ENTER BODY in <b>cdata tag</b></p>]]></body>
  <sms_body></sms_body> <!-- can be empty, or you can provide if SMS is enabled on
your topics -->
  <topics type='array'>
    <topic>
      <code><TOPIC_CODE></code>
    </topic>
    <topic>
      <code><TOPIC_CODE></code>
    </topic>
  </topics>
</bulletin>
```

### multipart input

```
POST /api/account/<ACCOUNT_CODE>/bulletins/send_now HTTP/1.1
User-Agent: Jakarta Commons-HttpClient/4.1
Host: localhost
Content-Length: 498
Content-Type: multipart/form-data; boundary=--0dLT85203qW0hFO_0x_1jI9oeT8Y3q_a-

--0dLT85203qW0hFO_0x_1jI9oeT8Y3q_a-
Content-Disposition: form-data; name="bulletin[body]"

<p>Bulletin body</p>
--0dLT85203qW0hFO_0x_1jI9oeT8Y3q_a-
Content-Disposition: form-data; name="bulletin[subject]"

Web service bulletin
--0dLT85203qW0hFO_0x_1jI9oeT8Y3q_a-
Content-Disposition: form-data; name="bulletin[topics][][code]"

<TOPIC_CODE>
--0dLT85203qW0hFO_0x_1jI9oeT8Y3q_a-
Content-Disposition: form-data; name="bulletin[bulletin_files][][attachment]";
filename="attachment1.txt"
Content-Type: text/plain

Content of file attachment one

--0dLT85203qW0hFO_0x_1jI9oeT8Y3q_a-
Content-Disposition: form-data; name="bulletin[bulletin_files][][deliver]"

true
--0dLT85203qW0hFO_0x_1jI9oeT8Y3q_a---
```

## Response Formats

### 401 Unauthorized

## 422 Unprocessable Entity

```
<?xml version="1.0" encoding="UTF-8"?>
<errors>
  <code>GD-10001</code>
  <error>The path specified is invalid. Please check the path</error>
</errors>
```

## 200 OK

```
<bulletin>
  <to-param><bulletin-id></to-param>
  <bulletin-uri>/api/account/acme/bulletins/<bulletin-id>.xml</bulletin-uri>
  <link rel="self" href="/api/account/acme/bulletins/<bulletin-id>"/>
  <total-subscribers>###</total-subscribers>
  <link rel="details" href="/api/account/acme/bulletin_details/<bulletin-id>"/>
</bulletin>
```

## Error Messages

When an error occurs the response for the request will follow the below schema

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:element name="errors">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="code" minOccurs="1">
          <xs:simpleType>
            <xs:restriction base="xs:token">
              <xs:pattern value="GD-[1-9][0-9][0-9][0-9][0-9]"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="error" maxOccurs="unbounded" type="xs:string"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```

## DCM API Error code descriptions

User term	Code format
Account	11XXX
Bulletins	12XXX
Topic	14XXX

Subscriber	15XXX
Questions	17XXX
Postal Subscribers	19XXX

## DCM API Error code complete list

### GD-10000

Error code	GD-10000
Error message	Web Service Permissions is not enabled for the user.
Http Code	403
Cause	Trying to send the request with no Web Service Permissions. Please enable Web Service Permissions.

### GD-10001

Error code	GD-10001
Error message	The path specified is invalid. Please check the path.
Http Code	404
Cause	Trying to send the request with invalid path.

### GD-10002

Error code	GD-10002
Error message	System Maintenance
Http Code	503
Cause	GovDelivery is conducting scheduled maintenance and the system is temporarily unavailable.

### GD-10003

Error code	GD-10003
Error message	System Unavailable
Http Code	503
Cause	The GovDelivery system is temporarily unavailable. Please check back later. (Unscheduled Outage)

### GD-11001

Error code	GD-11001
Error message	User not authorized for the specified account.
Http Code	403
Cause	User using the account (specified in the URL) is not authorized. Check and enable 'web services' permission.



## GD-11002

Error code	GD-11002
Error message	Account not found.
Http Code	404
Cause	The account specified in the URL is either deleted or invalid.

## GD-12002

Error code	GD-12002
Error message	Bulletin not found.
Http Code	402
Cause	The bulletin specified is either deleted or invalid.

## GD-12004

Error code	GD-12004
Error message	Invalid bulletin.
Http Code	422
Cause	Valid data is not send for creating or updating a bulletin. Some possible causes : Subject or body or topic/categories/bulletin_files is not specified.

## GD-12005

Error code	GD-12005
Error message	Invalid Email
Http Code	422
Cause	Trying to send a bulletin with invalid email.

## GD-12007

Error code	GD-12007
Error message	Invalid send time.
Http Code	422
Cause	Trying to schedule a bulletin with invalid Send time, possibly the current time is greater than the send-time.

## GD-12008

Error code	GD-12008
Error message	Bulletin is at invalid state 'sent', expected state is 'draft'.
Http Code	422

Cause	Trying to schedule a invalid state bulletin.
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## GD-12009

Error code	GD-12009
Error message	Resource not available.
Http Code	403
Cause	Trying to create a bulletin with no 'create bulletin' permissions

## GD-12010

Error code	GD-12010
Error message	Resource not available.
Http Code	403
Cause	Trying to update a bulletin with no update bulletin permissions

## GD-12011

Error code	GD-12011
Error message	Resource not available.
Http Code	403
Cause	The 'send bulletin permissions' is not set

## GD-12012

Error code	GD-12012
Error message	Bulletin file attachment settings are not enabled for the account.
Http Code	422
Cause	Trying to create or create and send or update bulletin with attachments, possibly both the links and attachment settings are disabled for the account.

## GD-12013

Error code	GD-12013
Error message	Resource not available.
Http Code	403
Cause	Trying to read a bulletin with no read bulletin permissions

## GD-12014

Error code	GD-12014
Error message	Invalid bulletin file.

<b>Http Code</b>	422
<b>Cause</b>	Trying to modify or create a bulletin attachment with invalid parameters. Check the returned error messages to determine what was invalid.

## GD-12015

<b>Error code</b>	GD-12015
<b>Error message</b>	Resource not available.
<b>Http Code</b>	403
<b>Cause</b>	Trying to list bulletins with no list bulletin permissions

## GD-12016

<b>Error code</b>	GD-12016
<b>Error message</b>	Invalid input parameter, start_at will only accept numbers
<b>Http Code</b>	400
<b>Cause</b>	Trying to list bulletins with invalid start_at parameter

## GD-14001

<b>Error code</b>	GD-14001
<b>Error message</b>	Resource not available.
<b>Http Code</b>	404
<b>Cause</b>	Trying to List topics with no list topic permissions

## GD-14002

<b>Error code</b>	GD-14002
<b>Error message</b>	Topic not found / Attachment Not Found
<b>Http Code</b>	404
<b>Cause</b>	The object specified is either deleted or invalid.

## GD-14004

<b>Error code</b>	GD-14004
<b>Error message</b>	Invalid Topic.
<b>Http Code</b>	422
<b>Cause</b>	Valid data is not send for creating or updating a topic.

## GD-14005

<b>Error code</b>	GD-14005
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Error message	File Repository setting is not enabled for this account
Http Code	422
Cause	Trying to list Topic Files, possibly file repository setting is disabled for the account.

## GD-14006

Error code	GD-14006
Error message	File not found in the directory
Http Code	404
Cause	Trying to download the file , possibly file is deleted from the directory.

## GD-14007

Error code	GD-14007
Error message	Invalid dates
Http Code	400
Cause	Trying to get uploaded files for a topic with date range , possibly given dates are not valid.

## GD-14008

Error code	GD-14008
Error message	Resource not available.
Http Code	404
Cause	Trying to read topic files without 'Topic File Management' Permission.

## GD-14009

Error code	GD-14009
Error message	Resource not available.
Http Code	404
Cause	Trying to read a topic with no read topic permissions

## GD-14010

Error code	GD-14010
Error message	Resource not available.
Http Code	404
Cause	Trying to update a topic with no update topic permissions

## GD-14011

Error code	GD-14011
Error message	Categories submitted for processing. You will be notified when processing is complete.
Http Code	404
Cause	Categories already been submitted for processing.

## GD-14012

Error code	GD-14012
Error message	Resource not available.
Http Code	404
Cause	Trying to create a topic with no create topic permissions

## GD-14013

Error code	GD-14013
Error message	Resource not available.
Http Code	404
Cause	Trying to delete a topic with no delete topic permissions

## GD-14014

Error code	GD-14014
Error message	Topic already enqueued for deletion
Http Code	422
Cause	Trying to delete topic twice.

## GD-15001

Error code	GD-15001
Error message	Resource not available.
Http Code	403
Cause	Trying to read a subscriber with no read subscriber permissions.

## GD-15002

Error code	GD-15002
Error message	Subscriber not found.
Http Code	404
Cause	The subscriber specified is either deleted or invalid.

## GD-15004

Error code	GD-15004
Error message	Invalid Subscriber.
Http Code	422
Cause	Valid data is not send for creating or updating a subscriber. Some possible causes : phone or email is not properly specified.

## GD-15005

Error code	GD-15005
Error message	Resource not available.
Http Code	403
Cause	Trying to list subscriber's category subscriptions with no 'subscriber category list' permissions

## GD-15006

Error code	GD-15006
Error message	Resource not available.
Http Code	403
Cause	Trying to update subscriber's category subscriptions with no 'subscriber category update' permissions

## GD-15007

Error code	GD-15007
Error message	Resource not available.
Http Code	403
Cause	Trying to list subscriber responses with no 'subscriber response list' permissions

## GD-15008

Error code	GD-15008
Error message	Resource not available.
Http Code	403
Cause	Trying to update subscriber responses with no 'subscriber response update' permissions

## GD-15009

Error code	GD-15009
Error message	Resource not available.
Http Code	403

Cause	Trying to list subscriber topics with no 'subscriber topic list' permissions
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## GD-15010

Error code	GD-15010
Error message	Resource not available.
Http Code	403
Cause	Trying to update subscriber topics with no 'subscriber topic update' permissions

## GD-15011

Error code	GD-15011
Error message	Resource not available.
Http Code	403
Cause	Trying to create subscriber with no 'subscriber create' permissions

## GD-15012

Error code	GD-15012
Error message	Resource not available.
Http Code	403
Cause	Trying to update subscriber with no 'subscriber update' permissions

## GD-15013

Error code	GD-15013
Error message	Resource not available.
Http Code	403
Cause	Trying to delete subscriber with no 'subscriber delete' permissions

## GD-15014

Error code	GD-15014
Error message	Invalid Topic Subscription.
Http Code	422
Cause	Trying to subscribe a subscriber to a topic that doesn't exist or is not available to the current user.

## GD-15015

Error code	GD-15015
Error message	Invalid Topic Subscription.

Http Code	422
Cause	Trying to subscribe to a restricted topic.

## GD-15016

Error code	GD-15016
Error message	Resource not available.
Http Code	403
Cause	Trying to subscribe to topic for which the user is not an administrator.

## GD-16002

Error code	GD-16002
Error message	Category not found / Parent not found / Quick Subscribe Page not found
Http Code	404
Cause	The object specified is either deleted or invalid.

## GD-16004

Error code	GD-16004
Error message	Invalid category.
Http Code	422
Cause	Valid data is not send for creating or updating a category. Some possible causes : code or name is not specified or Previous changes to this category are being processed. You can change the parent category once this is complete..

## GD-16005

Error code	GD-16005
Error message	Resource not available.
Http Code	403
Cause	Trying to list categories with no 'list categories' permissions

## GD-16006

Error code	GD-16006
Error message	Resource not available.
Http Code	403
Cause	Trying to create category with no 'create category' permissions

## GD-16007



Error code	GD-16007
Error message	Resource not available.
Http Code	403
Cause	Trying to update category with no 'update category' permissions

## GD-16008

Error code	GD-16008
Error message	Resource not available.
Http Code	403
Cause	Trying to read category with no 'read category' permissions

## GD-16009

Error code	GD-16009
Error message	Resource not available.
Http Code	403
Cause	Trying to delete category with no 'delete category' permissions

## GD-16010

Error code	GD-16010
Error message	Category already enqueued for deletion
Http Code	422
Cause	Trying to delete category twice.

## GD-16011

Error code	GD-16011
Error message	Invalid Category Subscription.
Http Code	422
Cause	Trying to subscribe to a category that doesn't exist.

## GD-17001

Error code	GD-17001
Error message	Resource not available.
Http Code	403
Cause	User trying to list questions with no 'question list' permissions

## GD-17002

Error code	<a href="#">GD-17002</a>
Error message	Question not found.
Http Code	404
Cause	The question specified is either deleted or invalid.

## GD-17005

Error code	<a href="#">GD-17005</a>
Error message	Resource not available.
Http Code	403
Cause	Trying to read question with no 'read questions' permissions

## GD-17006

Error code	<a href="#">GD-17006</a>
Error message	Resource not available.
Http Code	403
Cause	Trying to list questions for a topic with no 'topic question list' permissions

## GD-17007

Error code	<a href="#">GD-17007</a>
Error message	Resource not available.
Http Code	403
Cause	Trying to read question for a topic with no 'topic question list' permissions

## GD-19002

Error code	<a href="#">GD-19002</a>
Error message	Postal Subscriber not found.
Http Code	404
Cause	The Subscriber specified is either deleted or invalid.

## GD-19004

Error code	<a href="#">GD-19004</a>
Error message	Invalid Postal Subscriber.
Http Code	422
Cause	Valid data is not send for creating a Postal Subscriber. Some possible causes : last_name or street1 is not specified

## GD-20004

Error code	GD-20004
Error message	Invalid category hierachy.
Http Code	422
Cause	Root category element isn't the root category. The root-category element must be set to true; if the category isn't root, It must be PUT to the correct resource.

## GD-20005

Error code	GD-20005
Error message	Invalid category hierachy.
Http Code	422
Cause	Category code doesn't match the resource code. Code can only be modified via the Category API.

## GD-20006

Error code	GD-20005
Error message	Account locked for category hierarchy edits.
Http Code	422
Cause	Only one hierarchy PUT operation per account can be processed at once.

## GD-21002

Error code	GD-21002
Error message	Answer not found.
Http Code	404
Cause	The Answer specified is either deleted or invalid.