About – Gmail

Gmail is a free email service developed by Google. Users can access Gmail on the web and using third-party programs that synchronize email content.

Getting Started with Gmail

**Authentication**

You need to generate access token in order to get Gmail account information.

**Path parameters**

|  |  |
| --- | --- |
| **Parameters** | **Description** |
| userId | string  The user's email address. The special value me can be used to indicate the authenticated user. |
| id | string  The ID of the draft to retrieve. |

**Endpoints**

| **Report Name** | **Description** | **Endpoint URL(s)** | **Additional Parameters** |
| --- | --- | --- | --- |
| Get users profile | Gets the current user's Gmail profile. | /profile |  |
| Drafts | * Lists the drafts in the user's mailbox. * Gets the specified draft. | /drafts | Id |
| History list | List the history of all the changes in the given mailbox. | /history |  |
| Labels | * Lists all labels in the user's mailbox. * Gets the specified label. | /labels | id |
| Messages | * Lists the messages in the user's mailbox. * Gets the specified message. | /messages | Id |
| Attachments | Gets specified message attachments. | /messages/{messageId}/attachments | Id |
| Settings auto Forwarding | Gets the auto-forwarding setting for the specified account. | /settings/autoForwarding |  |
| Settings imap | Gets IMAP settings. | /settings/imap |  |
| Settings language | Gets language settings. | /settings/language |  |
| Settings POP | Gets POP settings. | /settings/pop |  |
| Settings vacation responder | Gets vacation responder settings. | /settings/vacation |  |
| Settings delegates | * Gets the specified delegate. * Lists the delegates for the specified account. | /settings/delegates | delegateEmail |
| Settings filters | * Lists the message filters of a Gmail user. * Gets a filter. | /settings/filters | Id |
| Settings forwarding addresses | * Lists the forwarding addresses for the specified account. * Gets the specified forwarding address. | /settings/forwardingAddresses | forwardingEmail |
| Settings send as | * Lists the send-as aliases for the specified account. * Gets the specified send-as alias. | /settings/sendAs | sendAsEmail |
| Settings send as smime info | * Lists S/MIME configs for the specified send-as alias. * Gets the specified S/MIME config for the specified send-as alias. | /settings/sendAs/{sendAsEmail}/smimeInfo | id |
| User threads | * Lists the threads in the user's mailbox. * Gets the specified thread. | /threads | id |

**Relevant data and query parameters**

| **Report Name** | **Parameters (\* indicates required)** | **Where to find it?** | **Description** | **Example** |
| --- | --- | --- | --- | --- |
| * Drafts * Labels * Messages * Attachments * Settings filters * Settings send as smime info * User threads | Id | In the response of the respective URL with no id parameter. | Used to get specific draft, lebel, message, attachment, filter, S/MIME config for the specified send-as alias & user thread. | 1. r6786606974828207948 2. CHAT 3. 175566fa677683e3 4. 175631d212f1a00c |
| Settings delegates | delegateEmail |  |  |  |
| Settings forwarding addresses | forwardingEmail | In the response of same URL without forwardingEmail parameter. | Gets the specified forwarding address | 1. [dummy@gmail.com](mailto:dummy@gmail.com) |
| Settings send as | sendAsEmail | In response of same URL without sendAsEmail parameter. | Gets the specified send-as alias. | 1. [abc@gmail.com](mailto:abc@gmail.com) |

**Backfill**

NA

**Rate Limit**

NA

**Limitations**

NA

**Non-Functional Requirements**

NA

Technical

API Access

**Data that can be extracted**

Data is available in JSON, XML, or HTML format. We will use json format for this connector.

**API Supported**

The RESTful API is available for fetching data.

**Authentication**

Authentication is required by the platform. Need to generate access token with help of authorization token.

**Base URL**

[https://gmail.googleapis.com/gmail/v1/users/{userId}/](https://gmail.googleapis.com/gmail/v1/users/%7buserId%7d/)

| **Report Name** | **Parameter ( \* indicates required)** | **description** | **example usage** |
| --- | --- | --- | --- |
|  |  |  |  |

**Internally Handled Report Parameters**

**Data parsing**

Returned data is parsed using the JSON parser.

**Support for paging**

Paging is not supported.

Version

| **Currently published artifact name** | **Version Number** |
| --- | --- |
|  | 0.0 |

Test Criteria

Testing is not done.

References

API documentation is available online at: <https://developers.google.com/gmail/api/reference/rest?apix=true>

KBR (key business requirements)

| **Requirement** | **Description** | **Corresponding endpoint** |
| --- | --- | --- |
|  |  |  |