SMTP with G-Suite

Table of contents

Connection to the G-Suite administrator interface

Go to https://admin.google.com and sign-in as administrator.
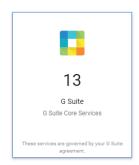
Go to "Apps"

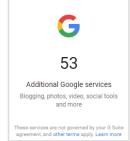Then, go to 'G-Suite'

Choose 'Gmail'

G Suite

All users in this account

Groups   ⌄

Organisational units   ⌃

Search for organisational units

▾ letsign.it

        test

Showing status for apps in **all organisational units**

☐	Services ↑	Service Status
☐	📅 Calendar	ON for everyone
☐	🔵 Cloud Search	ON for everyone
☐	🔺 Drive and Docs	ON for everyone
☐	Ⓜ Gmail	ON for everyone
☐	G+ Google+	ON for everyone
☐	💬 Google Hangouts	ON for everyone

Creating the Redirect Host

Go to 'Host'

And click on 'Add route'

Fill in the different fields, as shown below:

Edit mail route

× Help

Letsignit Smtp

1. Specify email server

Single host ▾

lsicloud-smtp.letsignit.com : 25 ⑦

2. Options

☐ Perform MX lookup on host

☑ Require secure transport (TLS)

☑ Require CA signed certificate

CANCEL   **SAVE**

Click on 'Save' to go to the next line and you will have the host created.

Hosts			^

Hosts	Name	Host	Actions
	Letsignit Relay	lsicloud-smtp.letsignit.com:25	Edit - Delete

ADD ROUTE

ⓘ Changes may take up to 24 hours to propagate to all users.
Prior changes can be seen in Audit log

CANCEL   SAVE

Then, go to back to 'Gmail' and go to 'Advanced settings'

Advanced settings »

Access other settings for controlling mail flow for the domain.

Creating the routing rule

Go to 'Content compliance'

Click on 'add' in front of 'Content conformity', and then fill in the fields like in the following images.

Specify a description and tick on 'internal - sending' and 'outbound'.

Next, add an expression by clicking on 'add' in part 2 'add the expressions that describe…"

Choose 'Advanced content match'

Then in:

- 'Location' choose 'full headers'
- 'Match Type' choose 'Not contain text'
- 'Content' add the following value (case sensitive) : X-LSI-Version
- Then click on 'Save'

2. Add expressions that describe the content you want to search for in each message

If ALL of the following match the message ▼

Expressions	ADD

No expressions added yet. Add

2. Add expressions that describe the content you want to search for in each message

If ALL of the following match the message ▼

Expressions	ADD

Advanced content match ▼

Location

Full headers ▼

Match type

Not contains text ▼

Content

X-LSI-Version|

CANCEL   SAVE

In the 'route' section, click on 'edit route' and choose the host created in the first step 'Hosts'.

3. If the above expressions match, do the following

Modify message ▼

Headers
☐ Add X-Gm-Original-To header
☐ Add X-Gm-Spam and X-Gm-Phishy headers
☐ Add custom headers

Subject
☐ Prepend custom subject

Route
☑ Change route

   ☐ Also reroute spam

   ☐ Suppress bounces from this recipient

Letsignit Smtp ▼

You can now click on 'Save' and obtain a configured rule like shown in the following image.

If you have several domains and you wish to only redirect one domain, you should click on "Show options" and set the envelope filter, as follows:

Edit setting ✕

Headers

☐ Add X-Gm-Original-To header

☐ Add X-Gm-Spam and X-Gm-Phishy headers

☐ Add custom headers

Subject

☐ Prepend custom subject

Route

☑ Change route

   ☐ Also reroute spam

   ☐ Suppress bounces from this recipient

   Letsignit Smtp ▾

Envelope recipient

☐ Change envelope recipient

Spam

☐ Bypass spam filter for this message

Attachments

☐ Remove attachments from message

Also deliver to

☐ Add more recipients

Encryption (onward delivery only)

☐ Require secure transport (TLS)

Show options ⟵

CANCEL   SAVE

Hide options

A. Address lists
- ☐ Use address lists to bypass or control application of this setting
  - ○ Bypass this setting for specific addresses / domains
  - ○ Only apply this setting for specific addresses / domains

B. Account types to affect
- ☑ Users
- ☐ Groups
- ☐ Unrecognized / Catch-all

C. Envelope filter
- ☐ Only affect specific envelope senders
- ☐ Only affect specific envelope recipients

CANCEL   SAVE

Add '@yourdomain.extension' and validate

Hide options

A. Address lists
- ☐ Use address lists to bypass or control application of this setting
  - ○ Bypass this setting for specific addresses / domains
  - ○ Only apply this setting for specific addresses / domains

B. Account types to affect
- ☑ Users
- ☐ Groups
- ☐ Unrecognized / Catch-all

C. Envelope filter
- ☑ Only affect specific envelope senders   1
  - Pattern match   2
    - Regexp Learn more
    - @letsign.it   3
    - Test expression
- ☐ Only affect specific envelope recipients

CANCEL   SAVE   4

Once these steps are done, click on 'Add a setting' at the bottom of the page.

Google will notify you that changes can take up to a few hours to be applied.

> ⓘ Plusieurs heures peuvent être nécessaires pour que ces modifications soient appliquées à tous les utilisateurs. Les précédentes modifications sont consultables dans Journal d'audit

In the 'Content Compliance' section, the following elements are displayed:

Content compliance
Locally applied

Regle sortante vers Letsignit

Messages: Outbound, Internal - sending
Matches: 1
Consequences: Modify message, Change route

Creating the SMTP relay service

This step serves to accept the emails coming from Letsignit once they are signed.

Go to the bottom of the 'Advance Settings' page and then to 'Routing' settings, in 'SMTP relay service'

Click on 'add' to add a new relay service.

Follow the steps to configure:

- Name it: give it a name that indicates that the service is used to accept emails coming from Letsignit once they have been signed
- Under 'Authorized senders', choose 'Only the addresses from my domain'
- Add from the button 'ADD A RANGE OF IP ADDRESSES', the following 3 public IPs correspond to our Ip clusters: 40.66.63.89, 40.66.63.90, 40.66.63.91.
- Validate the configuration by clicking on 'Validate the setting' then scroll down the page and click save.

Add setting ✕

SMTP relay service

Help

Relay to LSI

---

1. Allowed senders

| Only registered Apps users in my domains |
| Only addresses in my domains |
| Any addresses (not recommended) |

2. A _____ resses

☐ Require SMTP Authentication

3. Encryption

☐ Require TLS encryption

CANCEL   **ADD SETTING**

---

2. Authentication

☑ Only accept mail from the specified IP addresses

IP addresses / ranges	ADD IP RANGE
40.66.63.91 (node 3)	
40.66.63.90 (node 2)	
40.66.63.89 (node 1)	

NOTE: Mail sent from these IP addresses will be trusted as coming from your domains.

☐ Require SMTP Authentication

You obtain the following relay:

Edit setting ✕

SMTP relay service   Help

Relay to LSI

_____

1. Allowed senders

   Only addresses in my domains   ▾

2. Authentication

   ☑ Only accept mail from the specified IP addresses

IP addresses / ranges	ADD IP RANGE
40.66.63.91 (node 3)	
40.66.63.90 (node 2)	
40.66.63.89 (node 1)	

   NOTE: Mail sent from these IP addresses will be trusted as coming from your domains.

   ☐ Require SMTP Authentication

3. Encryption

   ☐ Require TLS encryption

                                          CANCEL   SAVE

Once everything has been saved, you will have to wait a few hours for Google to apply the changes.

Google Drive and calendar notifications cases

If you send invitations for Google Drive shares or any other email for this service, calendar notifications, using email forwarding with Letsignit, these emails will not be received and you will receive a non-delivery notification.

To overcome this, please follow the following procedure.

All notifications for Google Drive leave with a specific email address, so we will configure it as an exception to the transport rule.

Go to your Google administration console via the link https://admin.google.com.

Please go to the advanced settings of Gmail by following the steps on pages 3 and 4.

Once in the Advanced Settings, go to the 'General Settings' tab, then go to 'Content Compliance'.

Edit the transport rule for Letsignit and go to the section for adding expressions ;

We will add two conditions:

Click on "Add' and follow the steps below by choosing the same choices:

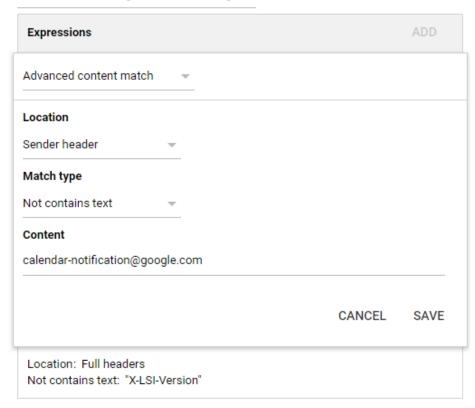2. Add expressions that describe the content you want to search for in each message

If ALL of the following match the message ⌄

Expressions	ADD

Location: Full headers
Not contains text: "X-LSI-Version"

2. Add expressions that describe the content you want to search for in each message

If ALL of the following match the message ▾

Expressions	ADD

Advanced content match ▾

Location

Sender header ▾

Match type

Not contains text ▾

Content

calendar-notification@google.com

CANCEL   SAVE

Location: Full headers
Not contains text: "X-LSI-Version"

Please save this addition and proceed to the second addition.

Second condition :

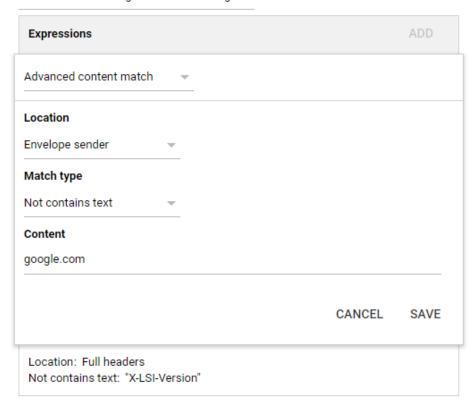2. Add expressions that describe the content you want to search for in each message

If ALL of the following match the message ▾

Expressions	ADD

Location: Full headers
Not contains text: "X-LSI-Version"

2. Add expressions that describe the content you want to search for in each message

If ALL of the following match the message

Expressions   ADD

Advanced content match

Location

Envelope sender

Match type

Not contains text

Content

google.com

CANCEL   SAVE

Location: Full headers
Not contains text: "X-LSI-Version"

Remember to save your changes at the end.