How to Configure Libraesva for Google G-Suite

This article is a guideline to configure Google G Suite, Business and Education editions, with Libraesva ESG.

Inbound Configuration

Google Inbound Gateway

- Log into the Google G Suite Domain Management Portal.
- Navigate to **Apps > G Suite > Settings for Gmail > Advanced settings**
- Find **Inbound gateway** and enter the public Libraesva ESG IP address

×**Note:** Make sure to check the box: Only let users receive email from the email gateways listed above. All other mail will be rejected.
See also Google official documentation for inbound mail gateway

Add relay to Libraesva Email Security Gateway

To add a domain and forward clean emails to Google Apps, navigate to **System > Settings & Relay Configuration** and select **Domain Relay > New**. Fill in the fields as follows:

- *Domain*: specify your domain, the one you have with Google Apps
- *Mail Server*: **aspmx.l.google.com**
- *Port:*: **25**
- *Use MX*: **NO**.
- *Recipient Verification*: **Dynamic Verification** (or “Disabled” if you enabled a “catch-all address”)
- *Dynamic Verification Server Address*: **aspmx.l.google.com**
- *Dynamic Verification Port*: **25**
- *Domain Anti-spoofing*, set it to **SPF**.

Outbound Configuration

Trust G Suite in Libraesva ESG

To trust Google G Suite and enable outbound mail relay, navigate to **System > Settings > Relay Configuration** and select **Trusted Networks**. Click on the **Enable** button besides Trust Google

Suite.

Google Outbound Configuration

- Log into the Google G Suite Domain Management Portal.
- Navigate to **Apps > G Suite > Settings for Gmail > Advanced settings**
- Navigate to **Outbound gateway** and enter the Libraesva ESG IP address that is the outbound mail gateway.

See also Google official documentation for outbound mail gateway

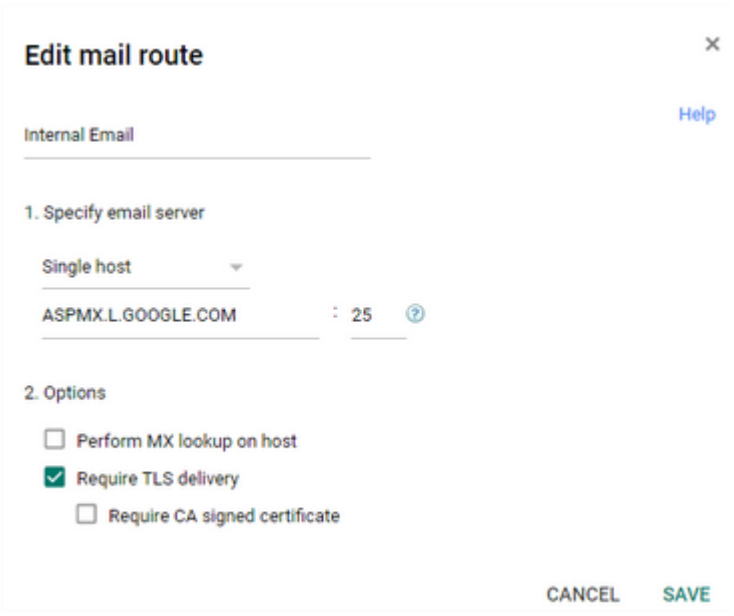
Internal email

When you configure an outbound gateway, G suite routes also internal email to the gateway.

To avoid this, you must perform the following configuration in two steps:

Step 1: Crete a route for internal email

- Log into the Google G suite domain management portal
- Navigate to **Apps** > **G suite** > **Settings for** Gmail > **Advanced settings**
- Click on **Hosts** under **Edit mail route** and add the following configuration:



At this point you created a route names “Internal Email”, it is not used yet.

Step 2: Use this route for internal email

- Navigate to **Apps** > **G suite** > **Settings for** Gmail > **Advanced settings**
- Navigate to the **General Settings** tab
- Scroll down to **Routing**
- Add a route as follows:

Edit setting

1. Messages to affect

- [ ] Inbound
- [ ] Outbound
- [x] Internal - sending
- [ ] Internal - receiving

2. Envelope filter

- [ ] Only affect specific envelope senders
- [x] Only affect specific envelope recipients

Pattern match

Regexp Learn more

.*@yourdomain\.com

Enter sample data — No match

3. For the above types of messages, 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
- [x] Change route
  - [ ] Also reroute spam

Internal Email

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)

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
- [x] Users
- [x] Groups
- [ ] Unrecognized / Catch-all

Replace **.*@yourdomain\.com** with your own domain. **NOTE:** This is a regular expression so it is important to keep the backslash.

For example, if your domain is **libraesva.com**, then you have to enter **.*@libraesva\.com**

Save this setting and the internal email will not go through ESG.