

Setting up the emailproxy app and using it with Eudoramail

- 1. Install the emailproxy app. If it is already present within your Eudoramail distribution (in the Emailproxy directory) you may ignore this step.
 - a. Visit <u>https://github.com/simonrob/email-oauth2-proxy</u>

Getting started

Begin by downloading the proxy via one of the following methods:

A. Pick a pre-built release for your platform (macOS or Windows; no installation needed); or,

- b. The easiest option for most people will be to select from a pre-built release.
 - ▼Assets 6

mailproxy-2024-09-12_pyinstaller-macOS.zip
 mailproxy-2024-09-12_pyinstaller-Windows.zip

- c. Extract the downloaded ZIP file appropriate to your operating system into the desired location. This could be, for example, *C*:*Program Files (x86)**emailproxy*, or in your Documents folder, or anywhere else that you have access to. There is no installer to run. The executable program is self-contained but will need read/write access to the directory in which it is located.
 - emailproxy.config
 emailproxy.exe
 GettingStarted.txt
 LICENSE
 README.md

Note that all files except for the .exe file are plain text files and can be read and edited in your text editor of choice.

- 2. Obtain a Client_id and Client_Secret (OAuth2 credentials)
 - a. This process varies by eMail server and is covered separately
- 3. Edit the emailproxy configuration file to your needs
 - a. You may make a backup of the original <code>emailproxy.Config</code> file for reference if you like. Otherwise, you can always <u>view/download it here</u>.
 - b. Open emailproxy.config in a text editor.
 - c. In the [Server setup] section of the configuration file, delete the portions that do not apply to your situation. For example, if you are using Gmail with POP, you could delete the Microsoft

pieces and Gmail IMAP portion of the config file. This isn't strictly necessary but keeps things clean.

```
NIMAP-1993]
server address = outlook.office365.com
server_port = 993
local_address = 127.0.0.1
[POP-1995]
server address = outlook.office365.com
server_port = 995
local_address = 127.0,0.1
[SMTP-1587]
server_address = smtp_mail.outlook.com
server port = 587
server_startt1s = True
local_address = 127.0.0.1
[IMAP-2993]
server_address = imap.gmail.com
server_port = 993
local_address = 127.0.0.1
       Example for using Gmail with POP
[POP-2995]
server address = pop.gmail.com
server port = 995
local address = 127.0.0.1
[SMTP-2465]
server address = smtp.gmail.com
server port = 465
local address = 127.0.0.1
```

d. In the [ACCOUNT SETUP] section of the configuration file, delete any of the sample accounts that do not apply to you. The portion in square brackets should be exactly equivalent to the *User Name* listed in your email client setup.

```
[your.email@gmail.com]
permission_url = https://accounts.google.com/o/oauth2/auth
token_url = https://oauth2.googleapis.com/token
oauth2_scope = https://mail.google.com/
redirect_uri = http://localhost
client_id = *** your client id here ***
client_secret = *** your client secret here ***
```

For Gmail users, note that if you choose to use <u>recent mode</u>, you will need to include the "recent:" prefix here as well. This is optional but *must* match your settings in the eMail client.

[recent:your.email@gmail.com]

- e. Save the configuration file.
- 4. Edit your account settings in Eudoramail.
 - a. In the Personalities tab on the left pane, right-click on the Persona you want to edit and select Properties. For *SMTP Server*, enter 127.0.0.1. For *Secure Sockets when Sending*, select

Never.

Account Settings for <dominant> ? X</dominant>				
Generic Properties Incoming Mail				
Personality Name:	<dominant></dominant>			
Real Name:				
Email Address:	matrices must			
User Name:	section from the state			
SMTP Server:	127.0.0.1			
	Authentication allowed	ł		
	🔲 Use relay personality, i	f defined		
	Use submission port (5	87)		
Default Domain:				
Default Stationery:	<no default=""></no>		.	
Default Signature:	<no default=""></no>		•	
Secure Sockets when Sending				
Never		L Info		
Check Mail				
	OK Cancel	Hel	p	

b. Under the *Incoming Mail* tab, set your *Server* to 127.0.0.1. For *Secure Sockets when Receiving*, select *Never*.

Account Settings for <dominant> ? X</dominant>			
Generic Properties	s Incoming Mail		
Server:	127.0.0.1		
Configuration: (© <u>P</u> OP ⊂ <u>I</u> MAP		
1 (and a) 1 (and a) 1 (and a)		<i>i</i>	
Authentication st Pass <u>w</u> ords Sec <u>u</u> re Sock Never	yle: C <u>K</u> erberos C <u>A</u> POP ets when Receiving Last	C <u>R</u> PA	
	OK Cancel	Help	

c. Close the account settings dialog with the *OK* button.

- 5. Edit your port settings in Eudoramail.
 - a. Open the *Options* dialogue box by choosing *Tools* > *Options*. Scroll down to the *Ports* section. If this section is not present, complete step *5*(*b*).

Options		?	×
Category:			
	SMTP Port (25) :		
Logging	POP Port (110) :		
	IMAP Port (143) : 143		
Task/Error windows	ACAP Port (674) :		
│	Eudora Password Change Port (106) :		
Sending Mail+			
A 1			
RAS Prefs			
Threading			
8			
Ports	OK Cancel	He	lp

- b. If the *Ports* section of your settings is not visible, close Eudoramail. Ensure that the file esoteric.epi is present in the installation directory. Reopen Eudoramail and the settings dialog.
- c. Based on whatever sections you kept in step 3(c), edit the appropriate ports. In this example, the SMTP and POP ports for Gmail were

```
[POP-2995]
server_address = pop.gmail.com
server_port = 995
local_address = 127.0.0.1
[SMTP-2465]
server_address = smtp.gmail.com
server_port = 465
local address = 127.0.0.1
Options
                                                              ?
                                                                   \times
Category:
      SMTP Port (25) : 2465
                                   POP Port (110) : 2995
  Task/Error windows
                                   IMAP Port (143) : 143
      *
    Sending Mail+
                                  ACAP Port (674) :
                     Aurora Password Change Port (106) :
     RAS Prefs
     Threading
       *--
      鳯
  MoodWatch Extras
                                     ОК
                                               Cancel
                                                                Help
```

- d. Close the *Options* dialogue box with the *OK* button.
- 6. Run the emailproxy app.
 - a. Double-click the EMailproxy.exe application to launch it. (There are other ways to start it, but this is the simplest.)
 - b. The application should bring up an icon in the system tray. It may be hidden by default. You can drag it from the hidden tray icons into the visible ones if you like.



- c. If desired, right-click on the application icon and select *Start at login* to have the proxy launch automatically upon reboot.
- 7. Check mail.
 - a. In Eudoramail, check mail for the given personality. If you are asked to enter a password, you can enter any text. This password is a *dummy*; it will not actually be used. Ensure that Eudoramail saves your password so that the following authentication process will not need to be repeated upon each mail check.
 - b. If everything is set up correctly, emailproxy will attempt to authenticate. You may receive a Windows notification like this depending on your system settings.



c. Whether or not the above pop-up notification occurs, you will need to right-click on the application icon in the system tray and Select *Authorise account* and then your username.

	Servers and accounts	>	
	Authorise account	>	
~	Start at login Debug mode		External authorisation mode
-	Quit Email OAuth 2.0 Proxy		

d. When you click on your account username, emailproxy will open a browser window (this is what happens for Gmail). Log in to your account.

Authorise your account:			-		×
G Sign in with Google					
Sign in to continue to emailproxy	Email or phone –	Create account		Next	
English (United States) 👻		Help	Privacy	Ter	ms

- e. If you have 2-factor authentication (2FA) enabled for your account, you may need to authorise the log-in from your second factor (for example, your pre-registered telephone). Note that if *External authorisation mode* is checked, where a URL is provided to enter into an existing browser session, 2FA may not work correctly.
- f. Upon successful log-in, you will need to press *Continue* to move forward.

Authorise your account:	- 0 X
G Sign in with Google	
 Sign in with Google emailproxy wants access to your Google Account 	 emailproxy already has some access See the <u>1 service</u> that emailproxy has some access to. Make sure you trust emailproxy Make sure you trust emailproxy will handle your data by reviewing its terms of service and privacy policies. You can always see or remove access in your Google Account. Learn about the risks
	Cancel Continue

g. Up until this point, the Check Mail action in Eudoramail will have continued to be active (until it eventually times out). Once the account is successfully authorised, Eudoramail will proceed with message retrieval; this implies that you have successfully implemented OAuth2 for your account. Note that, depending on your settings, you may end up downloading messages that were already previously downloaded, since the account set-up is totally different. Consider creating a filter to transfer all incoming mail to a separate directory in order to easily process it. How you deal with it is up to you.