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**poste-sdk**

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## POSTE.IO

## 1.1

1. [How to install?](#)
2. RSPAMD: [. rspamd](#)
3. CLAMAV: [clamav](#)
4. docker-compose &

```
version: '3'

services:
  mailserver:
    image: analogic/poste.io
    container_name: mailserver
    restart: unless-stopped
    ports:
      - "25:25"
      - "80:80"
      - "443:443"
      - "4190:4190"
      - "110:110"
      - "143:143"
      - "465:465"
      - "587:587"
      - "993:993"
      - "995:995"
    privileged: true
    environment:
      - HTTPS=ON
      - DISABLE_RSPAMD=TRUE
      - DISABLE_CLAMAV=TRUE
      - TZ=Asia/Shanghai
    volumes:
      - ./mailserver_data:/data
```

5. [DNS](#)
6. 1C2G CLAMAV
- 7.

## 1.2 Ubuntu

### 1.2.1 docker&docker-compose

- apt update
- apt install docker.io
- apt install docker-compose

### 1.2.2

```
# DISABLE_RSPAMDDISABLE_CLAMAV  
docker-compose up -d
```

## 1.3

1. Freenom
2. nameservercloudflare

### 1.3.1 cloudflare

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**Note:** A CNAME

mail.your-domain.com A → IP

smtp.your-domain.com CNAME mail.your-domain.com

pop.your-domain.com CNAME mail.your-domain.com

imap.your-domain.com CNAME mail.your-domain.com

MX for your domain

your-domain.com MX mail.your-domain.com

SPF record: your-domain.com. IN TXT "v=spf1 mx ~all"

DMARC record: \_dmarc.our-domain.com. IN TXT "v=DMARC1; p=none; rua=mailto:dmarc-reports@our-domain.com"

DKIM record Virtual domains → your-domain.com → regenerate key

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**Note:**

1. verify\_ssl = False 443
  2. dns cloudflare host
  - 3.
- 

## 2.1

```
pip install poste-sdk -U
```

## 2.2

```
from typing import List

from poste_sdk.client import PosteClient
from poste_sdk.models import Domains
from poste_sdk.models import Box

with PosteClient(address='', password='', domain='/ip', verify_ssl = False) as client:
    #
    domains = client.get_domains()
    assert isinstance(domains, List)
    assert isinstance(domains[0], Domains)
```

## 2.3

```
from typing import List

from poste_sdk.client import PosteClient
from poste_sdk.models import Domains
from poste_sdk.models import Box

with PosteClient(address='', password='', domain='') as client:
```

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```
#
# page=1,paging=14000
# boxes = client.get_boxes(page=1,paging=14000)
boxes = client.get_boxes()
assert isinstance(boxes, List)
assert isinstance(boxes[0], Box)
```

## 2.4

```
from typing import List

from poste_sdk.client import PosteClient
from poste_sdk.models import Domains
from poste_sdk.models import Box

with PosteClient(address='', password='', domain='') as client:
    #
    for i in tqdm(EMAIL_CLIENT.get_boxes(page=1,paging=14000)):
        #
        if 'admin' in i.address:
            continue
        # 0
        v = BoxClient(address=i.address,password=i.user).get_email_cnt()
        if v == 0 and 'admin' not in i.address:
            EMAIL_CLIENT.delete_box(i.address)
```

## 2.5

```
from poste_sdk.client import PosteClient
from poste_sdk.client import BoxClient
from poste_sdk.models import Mail

with PosteClient(address='', password='', domain='') as client:
    #
    box_client = client.init_box_client(email_prefix='test', password='test')
    assert isinstance(box_client, BoxClient)
    # 1
    mail = box_client.get_latest()
    assert isinstance(mail, Mail)

    # email
    box_client.get_email_cnt()

    #
    mail = box_client.get_email(id_=1)
    assert isinstance(mail, Mail)
```

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```
#  
box_client.delete_by_id(1)  
  
#  
box_client.drop_mails()
```



## INDICES AND TABLES

- `genindex`
- `modindex`
- `search`