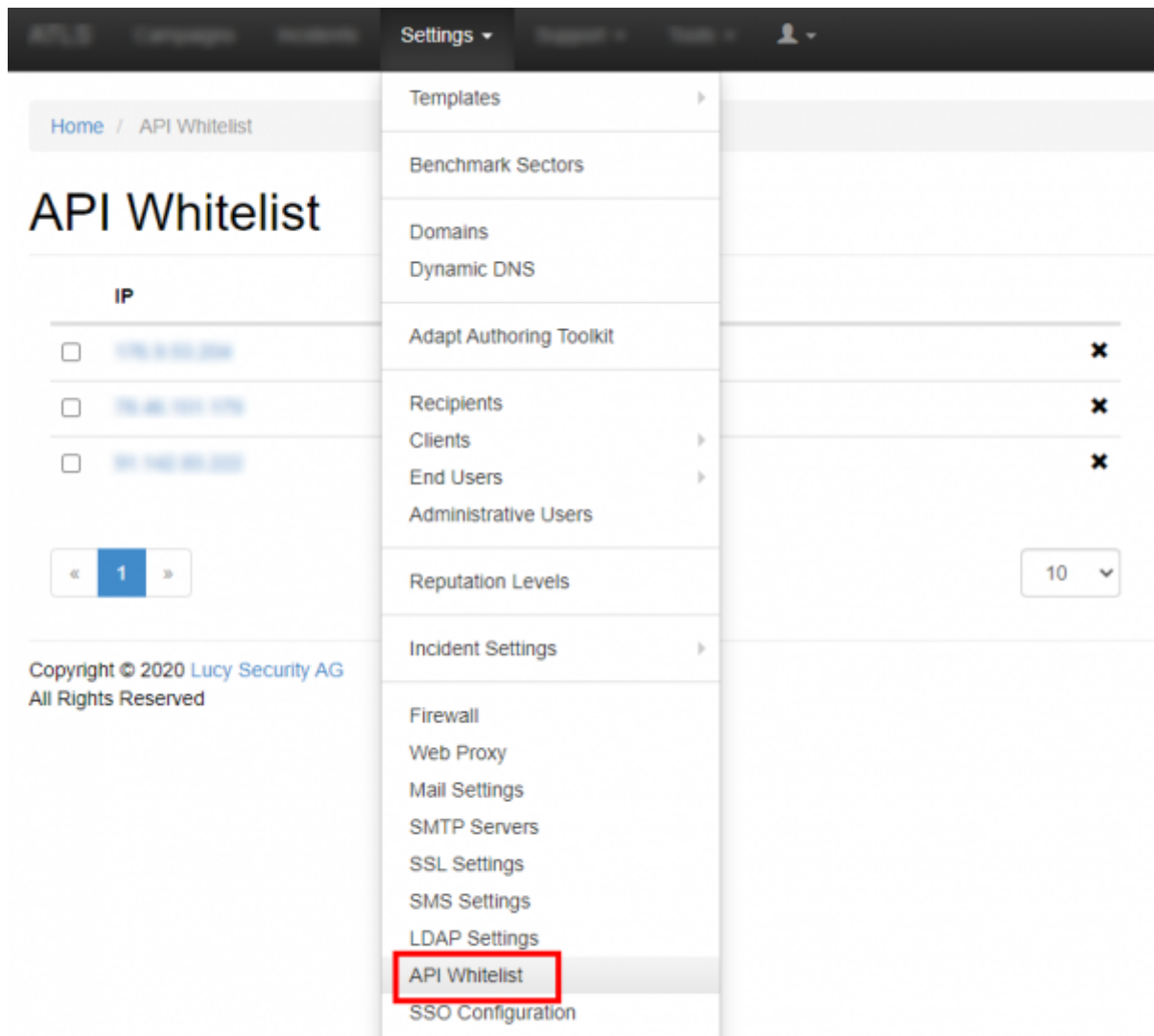


LUCY REST API - Background Info

Lucy API is a RESTful web service. The API does not keep the client's state and all requests can be performed in any order. Within LUCY the API can be activated under settings/API. You will need to specify the remote IP(s) which is allowed to communicate with the API.



Requirements

Some general requirements are:

- The service uses JSON as the only data interchange format, all API responses are in JSON, most request parameters are expected to be in JSON.
- All requests to API should have a "Content-Type" header set to "application/json".
- All requests should be performed strictly over HTTPS protocol. Plain HTTP requests to API will be rejected by server.


```
POST /api/auth HTTP/1.1
Host: phish.local
Content-Type: application/json
Cache-Control: no-cache

{"email":"test@test.com","password":"123"}
```

You will get the token in response, use it in all subsequent requests:

```
{"token":"eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJpYXQiOiJlMDQ1OTI4OTksImp0aSI6IklQbktRTkxs
cDdrOHh6YzRxenp3ZlhwD085TjRCMFRIZ21UUXpwalFXdVE9IiwiaXNzIjoicGhpc2gubG9jYWwiLCJuYmYiOi
jE1MDQ1OTI5MDAsImV4cCI6MTUwNDY3OTMwMCwiZGF0YSI6eyJ1c2VySWQiOiJlbnVzZXJOYW1lIjoidGVz
dEB0ZXN0LmNvbSJ9fQ.2B0SafZcpF-
kyN0RqscfAthojX0iaEtcCegAYfZeG6BuBVF3pUxnYgclYqpLUGj57WwEPTdapSc1dqgbwW6l2w"}
```

Then create a group for example:

```
PUT /api/recipient-groups/ HTTP/1.1
Host: phish.local
Authorization: Bearer
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJpYXQiOiJlMDQ1OTI4OTksImp0aSI6IklQbkt
RTkxscDdrOHh6YzRxenp3ZlhwD085TjRCMFRIZ21UUXpwalFXdVE9IiwiaXNzIjoicGhpc2gubG9
jYWwiLCJuYmYiOiJlMDQ1OTI5MDAsImV4cCI6MTUwNDY3OTMwMCwiZGF0YSI6eyJ1c2VySWQiOiJl
sInVzZXJOYW1lIjoidGVzdEB0ZXN0LmNvbSJ9fQ.2B0SafZcpF-
kyN0RqscfAthojX0iaEtcCegAYfZeG6BuBVF3pUxnYgclYqpLUGj57WwEPTdapSc1dqgbwW6l2w
Content-Type: application/json
Cache-Control: no-cache

{"name":"test recipient group"}
```

You will get something like this in response:

```
{"recipient-group":{"id":262,"name":"test recipient
group","usb_attack":false,"links": [{"rel":"self","href":"/api/recipient-
groups/262"}]}}
```

Then you may create a recipient in that group:

```
PUT /api/recipient-groups/262/recipients HTTP/1.1
Host: phish.local
Authorization: Bearer
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJpYXQiOiJlMDQ1OTI4OTksImp0aSI6IklQbkt
RTkxscDdrOHh6YzRxenp3ZlhwD085TjRCMFRIZ21UUXpwalFXdVE9IiwiaXNzIjoicGhpc2gubG9
jYWwiLCJuYmYiOiJlMDQ1OTI5MDAsImV4cCI6MTUwNDY3OTMwMCwiZGF0YSI6eyJ1c2VySWQiOiJl
sInVzZXJOYW1lIjoidGVzdEB0ZXN0LmNvbSJ9fQ.2B0SafZcpF-
kyN0RqscfAthojX0iaEtcCegAYfZeG6BuBVF3pUxnYgclYqpLUGj57WwEPTdapSc1dqgbwW6l2w
Content-Type: application/json
Cache-Control: no-cache

{"email":"oliver@test.com","name":"Oliver Test"}
```

You will get this response:

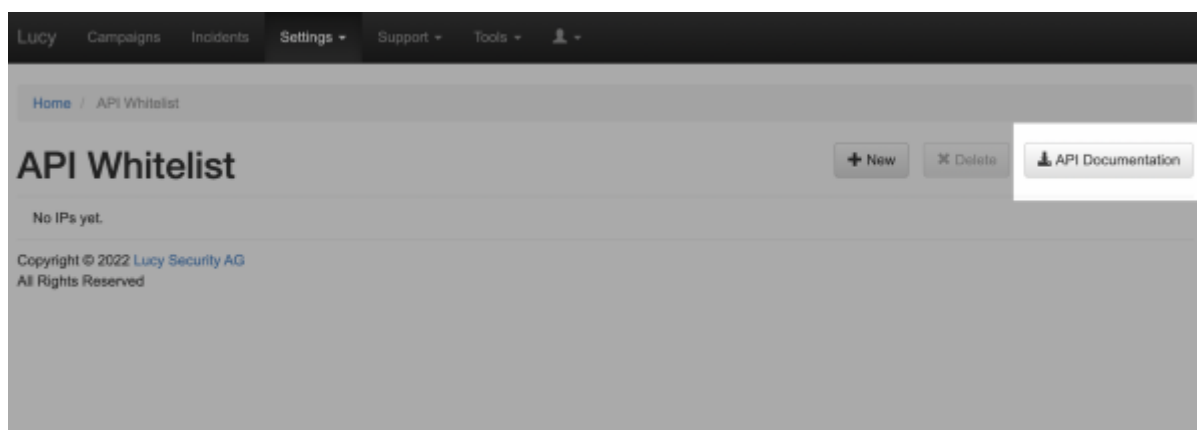
```
{"recipient":{"email":"oliver@test.com","phone":null,"name":"Oliver Test","staff_type":null,"location":null,"division":null,"comment":null,"link":null,"language_id":null,"recipient_group_id":262,"id":"158928","last_tested":null,"links":[{"rel":"self","href":"/api/recipients/158928"}, {"rel":"recipient_group","href":"/api/recipient-groups/262"}]}}
```

API End Points

The complete list of API End Points supported by LUCY can be found [here](#)

Detailed Documentation

The detailed documentation for LUCY REST API is available from within the LUCY web interface in the section Settings > API Whitelist > API Documentation.



There's also PDF documentation (for v.4.8.3) can be found [here](#).

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