



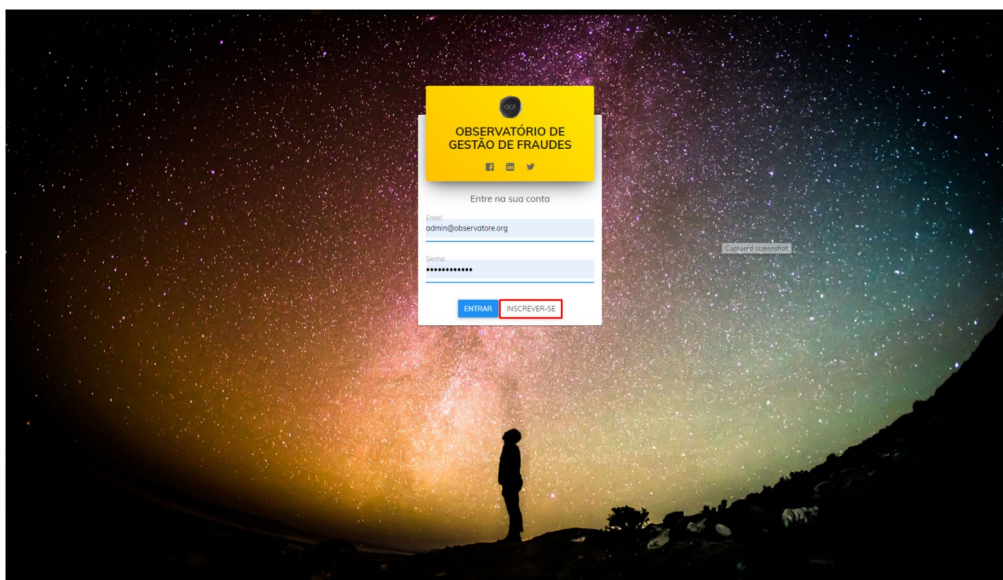
## OGF Technical Documentation

### Summary

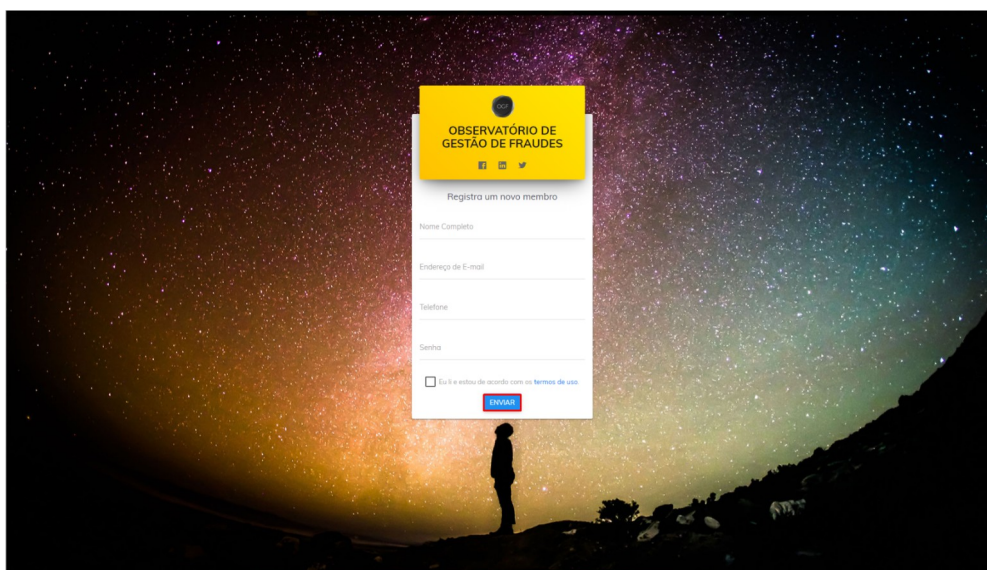
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## Signup

You can register for an OGF account accessing <https://ogf.observatore.org> and clicking “Signup”



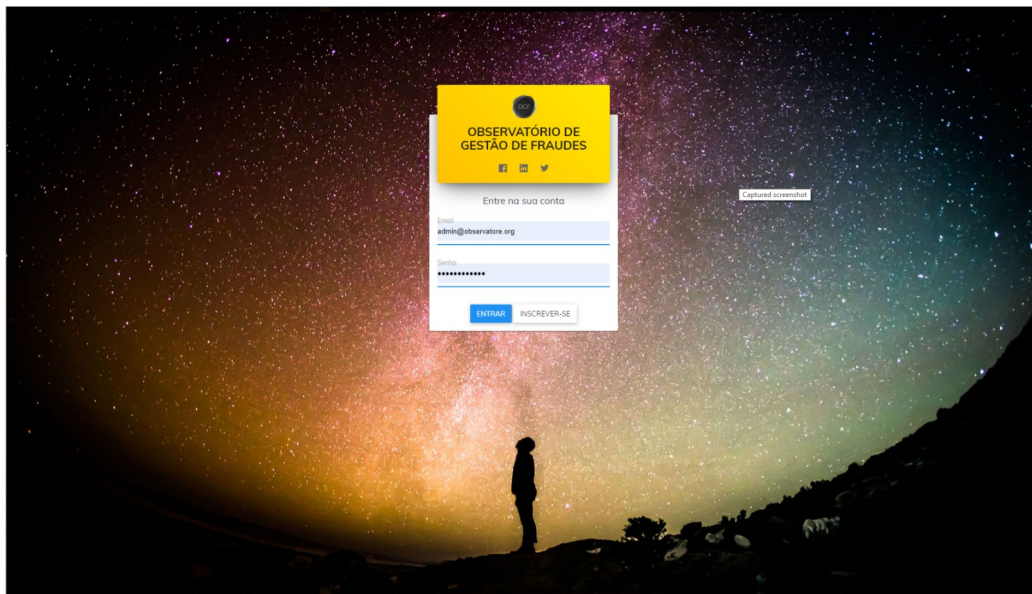
Fill in the fields, accept the "Terms of use" and click on "Send"



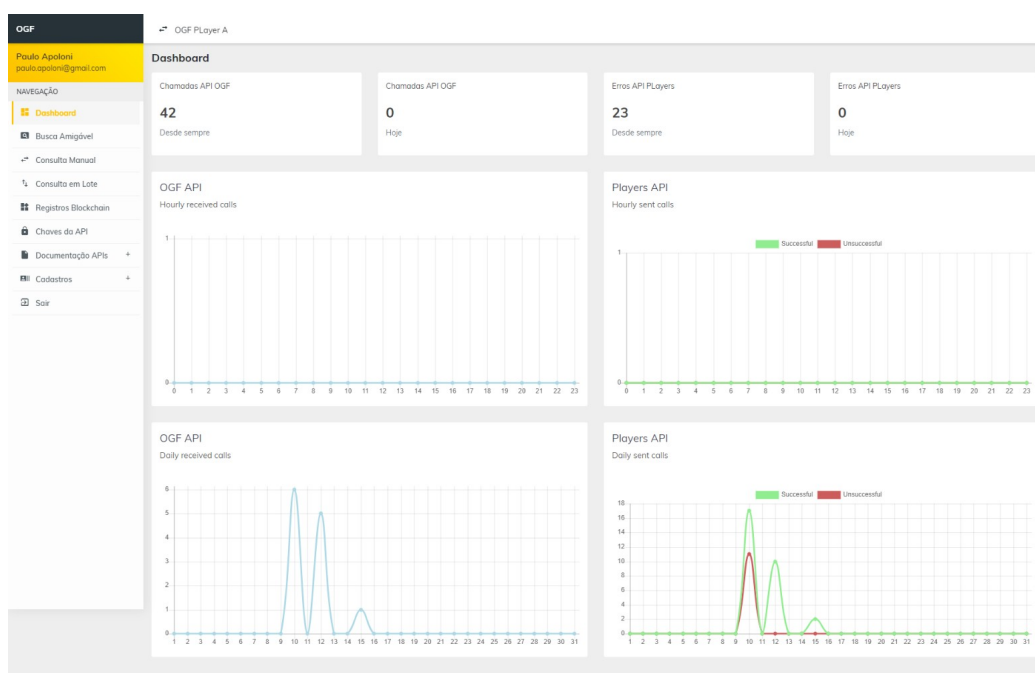
Your registration will be sent for approval and you will receive an email as soon as your access is released.

## Login

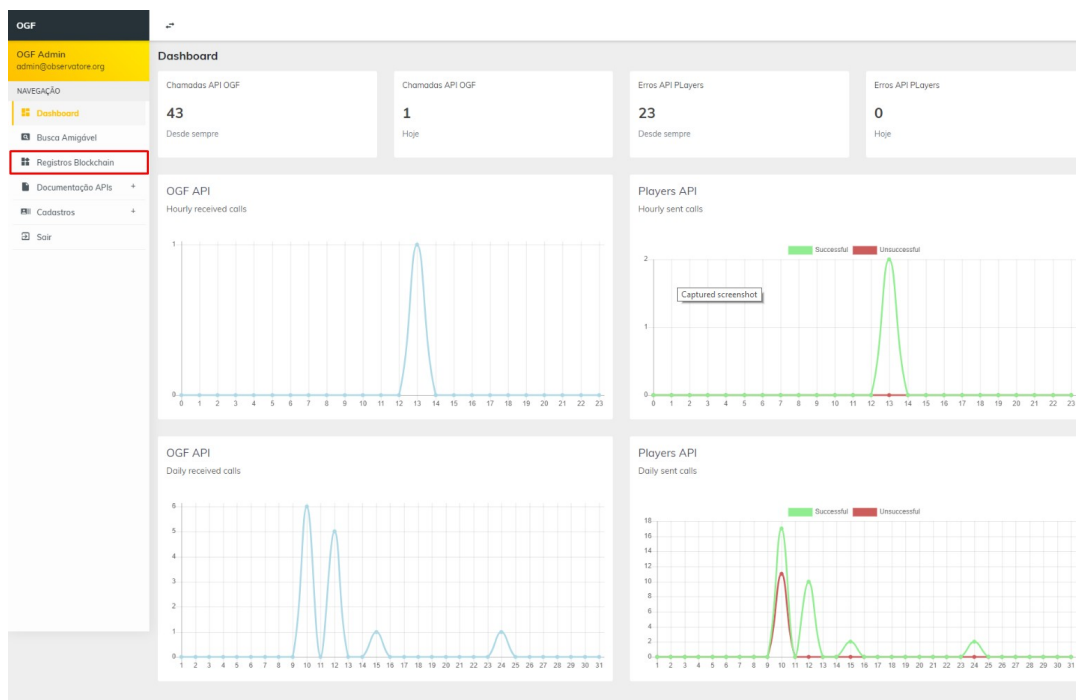
Access the OGF via the address <https://ogf.observatore.org>, fill in the fields with your email and password and click "ENTER"



After logging in, the Dashboard will be presented with information about OGF's question and answer traffic.



## Blockchain Records



All OGF transactions are recorded in your Blockchain, thus ensuring your verification and authentication.

OGF Admin  
admin@observatore.org

NAVEGAÇÃO

- Dashboard
- Busca Amigável
- Registros Blockchain
- Documentação APIs
- Cadastros
- Sair

### Blockchain

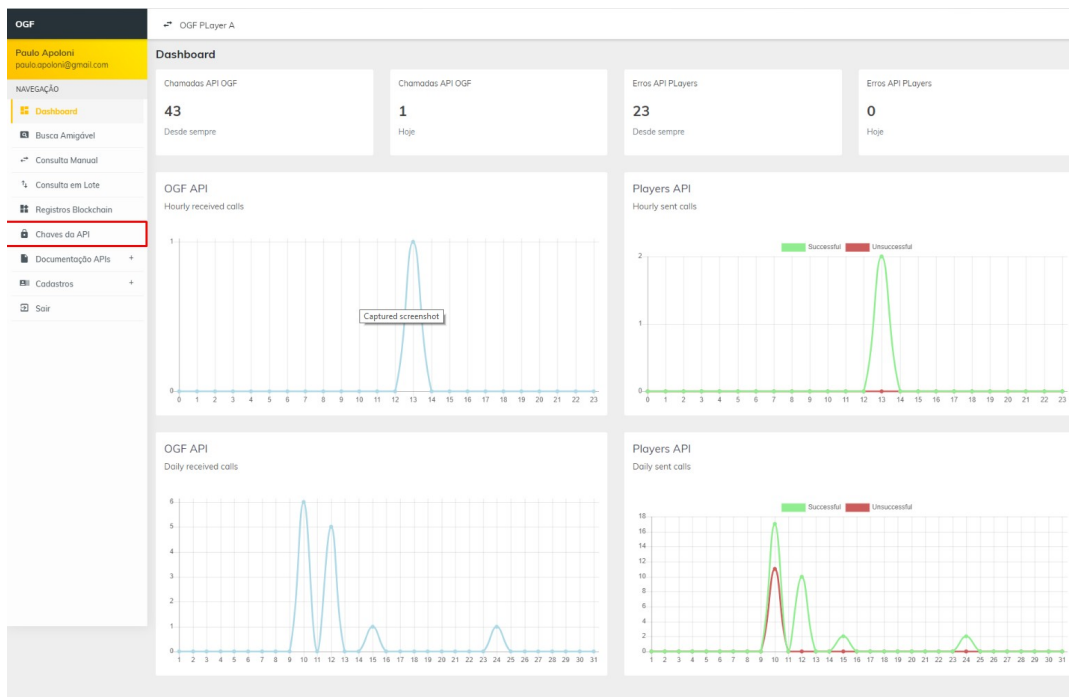
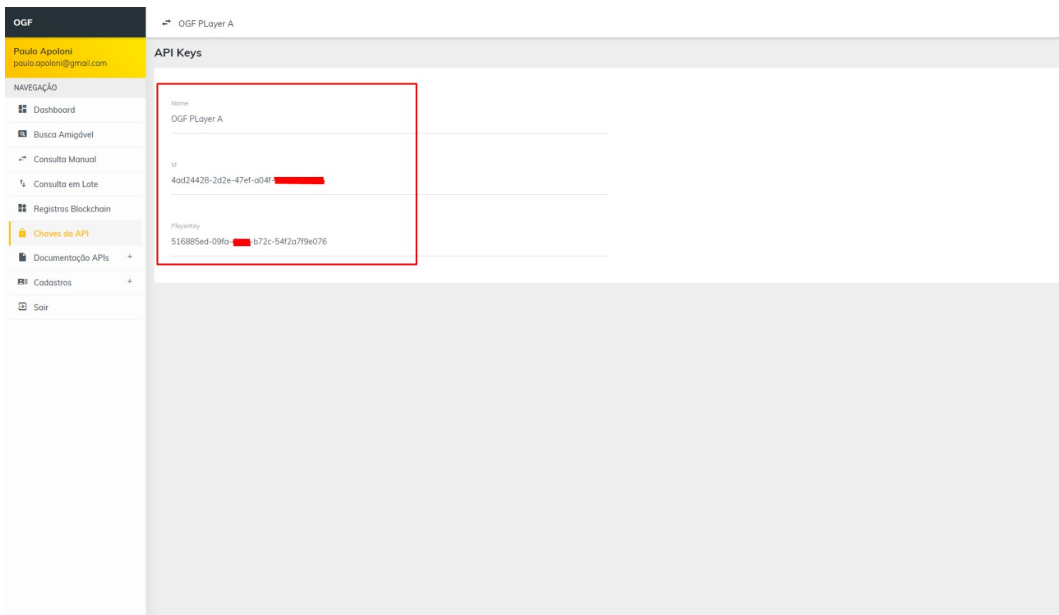
Últimas 50 transações OGF Ethereum Consortium Proof of Authority - <http://ethuablm-dns-reg1.centralus.cloudapp.azure.com/>

Date	ObjId	ContractAddress
24/07/2019 13:19:05.231	fbc5640b-70f3-4e1d-a595-276bd0e05e8f	0xb77f6c1a88e2d6c898d54f39ddad05f9dfc28
15/07/2019 12:11:35.468	8454d703-3513-488a-80fe-0752789a470f	0x3c1cb7c7fddcbe7667980441cc3fb155d0d87992
12/07/2019 17:48:51.736	3ab5e6c93-1c17-47ee-95d5-a668ba387d7	0x9663be26917a50e77f0c0d5f33625ee7223c0b0c
12/07/2019 17:48:30.624	6c6d3af-053b-4170-838a-4c9315a75d5f	0x4e6992c03648f2d07d642f6c0a8379707c6269
12/07/2019 17:38:09.324	d34e9eb-9472-4c20-a774-21d73322c27a	0x6d0d17627064d071376536117a8469c3f9ebd
12/07/2019 17:33:02.919	5cb2a41c-70e6-4d20-a41d-96ad5825e644	0x6ae3be0b6e82150acd569e35f18299870b88051
12/07/2019 16:55:34.800	9d10989d-9451-4be2-a19a-010031e1329d	0x605d8073cf45e6eb7e60a6444db5d5d9f14596
10/07/2019 16:17:02.626	2f2793ad-3fc2-4242-b88a-46538b7c278	0xf7111c77a4bb0d33ab034295f7258ca46f13a6c
10/07/2019 16:11:41.084	c81c7828-3906-4c11-b192-73b9a07799f1	0x243233a7d8be768352ae1fc895242d51395cf0ac4
26/06/2019 10:56:38.841	a2e62366-b9d3-4e86-a596-3c8380ed1c95	0xccc746d4f80a4a4880b5907a2ee99af5829a0a2
26/06/2019 10:17:59.823	9e9638d-665e-4f66-baf6-3567b581e9b2	0xe68356e87b11377167ba2cb78b7ba2b42af9780d
17/06/2019 10:21:09.902	8af0e20-d014-439e-9a85-e92a7666718e	0x650e5dc72c0a0e358e7ce1115f0dbf6e80c4b60
12/06/2019 15:29:21.245	2ff2e0b-d7a2-40fe-a6db-414e92918b58	0x6251f89e19492bd1400a67b7d3bc399e725757
10/06/2019 09:16:25.587	48bc03a1-d5af-4a58-9704-98f936a88f3c	0xd0e8279db18c9d5105d2d7ba5260a467c983295
10/06/2019 08:36:27.332	e43d9049-c9a3-4670-bedd-0e0852b17800	0xd040e9db4763498d27dca5192e3e7a0d41595393
29/05/2019 10:30:27.920	2d352112-c9ec-42ec-95d2-95804626490	0x92055b2500b2d1638304056c4802766048c9e4
29/05/2019 10:29:15.235	0c08b052-cdab-44f2-9c39-e7c2b631a566	0x13a326eb6d6c372b7c7d9d3a373c867d9e7c938
29/05/2019 10:07:21.269	f2c952d8-b729-4038-9b05-4c763d0b81d8	0x3af1b9e82d3893cd5a473f1c04884d5cd7574e9

The authenticity of transactions can be verified by executing the smart contract related to each transaction.

## API Keys

Through this item the player will have access to the API keys needed to integrate the OGF via API.

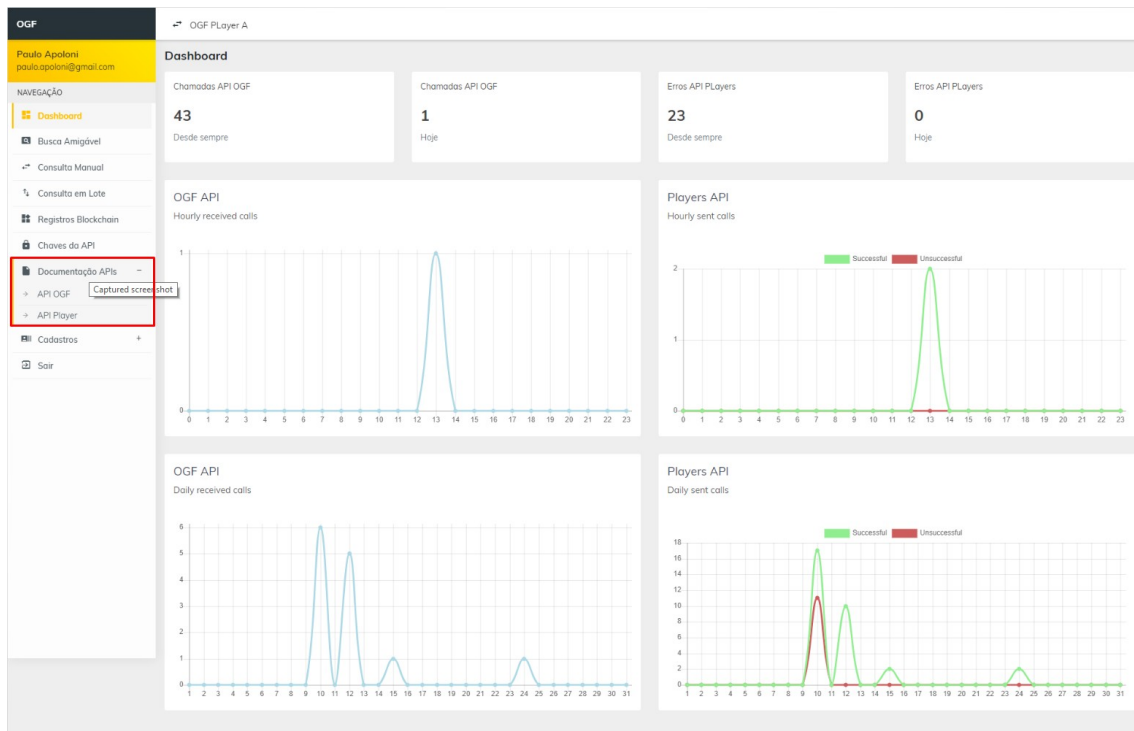



The API Keys page for OGF Player A displays the following information:

- Nome:** OGF Player A
- ID:** 4ad24428-2d2e-47ef-a04f- [redacted]
- PlayerKey:** 516885ed-09fa- [redacted] b72c-542a7f9e076

## API Documentation (Inquire)

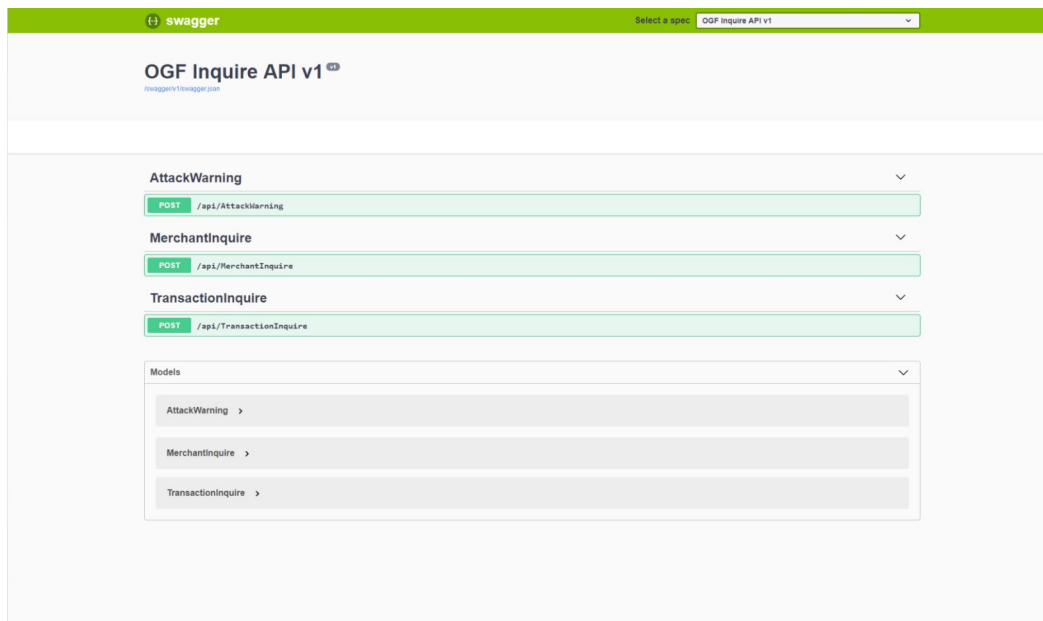
The documentation for OGF integration via API is accessible via "Swagger" with detailed information for integration with each of the types of messages existing in the OGF.



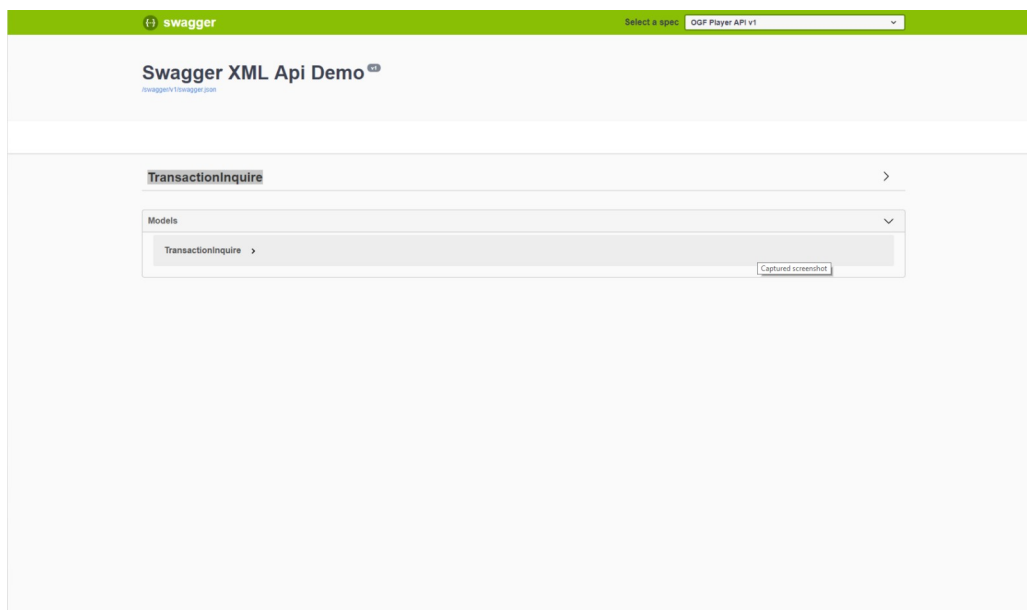
The "OGF API" item contains the documentation for sending OGF calls, such as "Transaction inquires", "Merchant inquires", and "AttackWarning".

The address of the endpoint to call is: <https://ogfapi.observatore.org/api>





The "API PLAYER" item introduces the sample documentation for the implementation of the "TransactionInquires" endpoint of the player.



The player endpoint is responsible for receiving the questions and returning a response to it, as shown in the following structure:

```
{
  "id": "ddd5ea96-590e-424d-ac00-6d7cd1ffce35",
  "transactionInquireId": "00000000-0000-0000-0000-000000000000",
  "playerId": "4ad24428-2d2e-47ef-a04f-27f833f68f02",
  "holderData": false,
  "buyerData": false,
  "bankData": false,
  "airCompanyData": true,
  "score": 1,
  "date": "2020-08-24T20:10:33.8955356+00:00"
}
```



The player endpoint can be developed using any language capable of receiving the question in JSON format and returning the replies in the same format.

Once the endpoint has been developed to answer the questions received the address of the same must be provided to the OGF team to be activated next to the platform.



## API Documentation (Response)

The response endpoint must be prepared to receive the inquire in the same format used to send a question:

```
{
  "amount": 0,
  "airCompany": {
    "originAirport": "string",
    "destinationAirport": "string",
    "departureDate": "2020-09-15T12:58:12.488Z"
  },
  "bank": {
    "account": 0,
    "agency": 0
  },
  "holder": {
    "cardTruncation": "string",
    "cardHash": "string",
    "cardHolderName": "string",
    "cardHolderDocumentType": "string",
    "cardHolderDocumentNumber": "string",
    "cardHolderBirthDate": "string",
    "cardHolderFatherName": "string",
    "cardHolderMotherName": "string",
    "cardHolderAddress": "string",
    "cardHolderAddressNumber": "string",
    "cardHolderAddress2": "string",
    "cardHolderPostCode": "string",
    "cardHolderCellphoneAreaCode": "string",
    "cardHolderCellphoneNumber": "string",
    "cardHolderPhoneAreaCode": "string",
    "cardHolderPhoneNumber": "string",
    "cardHolderEmail": "string"
  },
  "retail": {
    "buyerName": "string",
    "buyerDocumentType": "string",
    "buyerDocumentNumber": "string",
    "buyerBirthDate": "string",
    "buyerFatherName": "string",
    "buyerMotherName": "string",
    "buyerAddress": "string",
    "buyerAddressNumber": "string",
    "buyerAddress2": "string",
    "buyerPostCode": "string",
    "buyerCellphoneAreaCode": "string",
    "buyerCellphoneNumber": "string",
    "buyerPhoneAreaCode": "string",
    "buyerPhoneNumber": "string",
    "buyerEmail": "string"
  }
}
```

The response format is:

```
{
  "transactionInquireId": "abc6613d-2fd6-498a-8710-b7426eb26675"
}
```

The score value is defined as a "risk value" between 0 (no risk) and 100 (high risk).

Any variation between these two values is accepted.

## API Documentation (Reponses List)

The endpoint TransactionInquire (GET) of results list, needs to receive 3 parameters:

1. transactionInquireId (Guid)
2. PlayerId (Guid)
3. PlayerKey (Guid)

The response format is:

```
{
  "id": "08f09105-af10-4c00-b2de-ac5c8d744895",
  "transactionInquireId": "b115cf4c-88d5-475f-aed6-f590e587f887",
  "transactionResults": [
    {
      "id": "ac7dd878-8e4c-4ede-94ec-8fa90c428c2d",
      "playerId": "4ad24428-2d2e-47ef-a04f-27f833f68f02",
      "holderData": false,
      "buyerData": false,
      "bankData": false,
      "airCompanyData": true,
      "score": 1,
      "date": "2020-09-09T13:35:35.113124-03:00"
    },
    {
      "id": "42422cc2-3d4b-4389-8650-9c9d01d1e517",
      "playerId": "4ad24428-2d2e-47ef-a04f-27f833f68f02",
      "holderData": false,
      "buyerData": false,
      "bankData": false,
      "airCompanyData": true,
      "score": 1,
      "date": "2020-09-09T13:35:35.2383262-03:00"
    }
  ],
  "score": 1,
  "date": "2020-09-11T14:36:22.2885176-03:00"
}
```



Logout

Logs off the OGF administrative environment