GenApi

Introduction

Infobip GenApi is a service that lets you mock http endpoints and decide their behavior when called. This service is exposed via IAM and they should be seen on Infobips Api Docs. You can handle these endpoints via Postman or something similar.

In case there was an error while creating/getting/updating endpoint, you should get a message in body of the response explaining what the problem is about.

Also you need to use Basic Auth in Authorization tab (if you are using Postman) or something similar with your Infobip credentials.
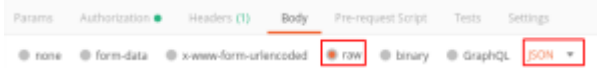

Single response endpoint

This kind of endpoint always returns the same response.

Create single response endpoint

Path: https://api.infobip.com/genapi/1/endpoint/create

Http method: POST

Headers: Content-type: application/json (this can be achieved in Body tab in Postman by setting body to raw and then changing Text to JSON in the

dropdown menu)

Body example:

```
{
        "httpMethod": "GET",
        "httpHeaders": [
                {
                "name":"Header",
                "value":"Value"
                }
        ],
        "response": {
                "body": "{\"body\":\"dsa\"}"
        }
}
```

You should get a response similar to:

```
{
    "statusCode": 200,
    "entity": {
        "id": "81D8E15634FCBC40E1779C44C7554A00",
        "httpMethod": "GET",
        "httpHeaders": [
            {
                "name": "Header",
                "value": "Value"
            }
        ],
        "response": {
            "body": "{\"body\":\"dsa\"}"
        }
    },
    "message": "OK"
}
```

Now you can call the mocked http endpoint with /endpoint/get/{id} with given encrypted id (more in the next section).

Get single response endpoint by id

You can get a response from an endpoint you created using an id that was given to you when creating the endpoint.

Path: https://api.infobip.com/genapi/1/endpoint/get/{id}

Http method: GET

Headers: None

Body example: None

Example path: /endpoint/get/9F1F21C198025CC026956A7E2E9C560F (Id from the previous example)

You should get a response similar to:

```
{
    "statusCode": 200,
    "entity": {
        "id": "81D8E15634FCBC40E1779C44C7554A00",
        "httpMethod": "GET",
        "httpHeaders": [
            {
                "name": "Header",
                "value": "Value"
            }
        ],
        "response": {
            "body": "{\"body\":\"dsa\"}"
        }
    },
    "message": "OK"
}
```
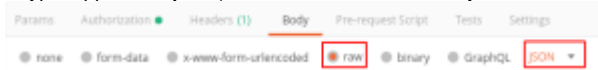
Update single response endpoint

If you wish to update an endpoint that you have already created, you can do so by using id that was given to you when creating the endpoint.

Path: https://api.infobip.com/genapi/1/endpoint/update

Http method: PUT

Headers: Content-type: application/json (this can be achieved in Body tab in Postman by setting body to raw and then changing Text to JSON in the

dropdown menu)

Body example:

```
{
    "id": "9F1F21C198025CC026956A7E2E9C560F",
        "httpMethod": "GET",
        "httpHeaders": [
                {
                "name":"blabla",
                "value":"asdasd"
                }
        ],
        "response": {
                "body": "{\"body\":\"dsa\"}"
        }
}
```

Notice how we have "id" now set to id we were given before.

You should get a response similar to:

```
{
    "statusCode": 200,
    "entity": {
        "id": "81D8E15634FCBC40E1779C44C7554A00",
        "httpMethod": "GET",
        "httpHeaders": [
            {
                "name": "blabla",
                "value": "asdasd"
            }
        ],
        "response": {
            "body": "{\"body\":\"dsa\"}"
        }
    },
    "message": "OK"
}
```

Now when you use /endpoint/get/{id} you should get the updated version of this endpoint.

Scenario endpoint

Scenario endpoint returns responses in the order you specified (ordinalNumber). You can have as many responses as you want. Once all of the responses have been returned, next time you try to get a response from that endpoint you will get "No more responses" with status code 204(No content). After approximately 5 minutes, the endpoint "resets" and after it resets, it will return responses from the beginning all over again.

Create scenario endpoint

Path: https://api.infobip.com/genapi/1/scenario/endpoint/create

Http method: POST

Headers: Content-type: application/json (this can be achieved in Body tab in Postman by setting body to raw and then changing Text to JSON in the

dropdown menu ⬤ none ⬤ form-data ⬤ x-www-form-urlencoded [⬤ raw] ⬤ binary ⬤ GraphQL [JSON ▾])

Body example:

```
{
        "httpMethod": "GET",
        "httpHeaders": [
                {
                "name":"Header",
                "value":"Value"
                }
        ],
        "endpointResponses": [
                {
                        "body": "{\"body\":\"Ovaj treba vratit prvi\"}"
                },
                {
                        "body": "{\"body\":\"Ovaj treba vratit drugi\"}"
                },
                {
                        "body": "{\"body\":\"Ovaj treba vratit treci\"}"
                },
                {
                        "body": "{\"body\":\"Ovaj treba vratit cetvrti\"}"
                }
        ]
}
```

You should get a response similar to:

```
{
    "statusCode": 200,
    "entity": {
        "id": "AE99A4EF22D7ADE988CD08A139638050",
        "httpMethod": "GET",
        "httpHeaders": [
            {
                "name": "Header",
                "value": "Value"
            }
        ],
        "endpointResponses": [
            {
                "body": "{\"body\":\"Ovaj treba vratit prvi\"}",
                "ordinalNumber": 0
            },
            {
                "body": "{\"body\":\"Ovaj treba vratit drugi\"}",
                "ordinalNumber": 1
            },
            {
                "body": "{\"body\":\"Ovaj treba vratit treci\"}",
                "ordinalNumber": 2
            },
            {
                "body": "{\"body\":\"Ovaj treba vratit cetvrti\"}",
                "ordinalNumber": 3
            }
        ]
    },
    "message": "OK, all ordinal numbers set to their order in given array"
}
```
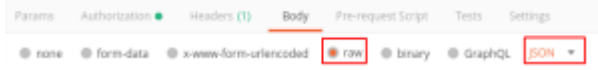
Create/add new response to a scenario endpoint

Path: https://api.infobip.com/genapi/1scenario/endpoint/response/create/{id}

Http method: POST

Headers: Content-type: application/json (this can be achieved in Body tab in Postman by setting body to raw and then changing Text to JSON in the

dropdown menu)

Path example: /scenario/endpoint/response/create/AE99A4EF22D7ADE988CD08A139638050 (Id from the previous example)

Body example:

```
{
        "body": "{\"body\":\"nesto Nesto\"}"
}
```

(You can also specify ordinalNumber if you wish to, if not the response will be added at the end of responses of given scenario endpoint)

You should get a response similar to:

```
{
    "statusCode": 200,
    "entity": {
        "body": "{\"body\":\"nesto Nesto\"}",
        "ordinalNumber": 4
    },
    "message": "OK"
}
```

Get scenario endpoint

You can get scenario endpoint using an id that was given to you when creating the endpoint.

Path: https://api.infobip.com/genapi/1/scenario/endpoint/get/{id}

Http method: GET

Headers: None

Example path: /scenario/endpoint/get/AE99A4EF22D7ADE988CD08A139638050 (Id from the previous example)

Body example: None

You should get a response similar to:

```
{
    "statusCode": 200,
    "entity": {
        "id": "AE99A4EF22D7ADE988CD08A139638050",
        "httpMethod": "GET",
        "httpHeaders": [
            {
                "name": "Header",
                "value": "Value"
            }
        ],
        "endpointResponses": [
            {
                "body": "{\"body\":\"Ovaj treba vratit prvi\"}",
                "ordinalNumber": 0
            },
            {
                "body": "{\"body\":\"Ovaj treba vratit drugi\"}",
                "ordinalNumber": 1
            },
            {
                "body": "{\"body\":\"Ovaj treba vratit treci\"}",
                "ordinalNumber": 2
            },
            {
                "body": "{\"body\":\"Ovaj treba vratit cetvrti\"}",
                "ordinalNumber": 3
            },
            {
                "body": "{\"body\":\"nesto Nesto\"}",
                "ordinalNumber": 4
            }
        ]
    },
    "message": "OK"
}
```

Get response from a scenario endpoint

You can get responses sequentially from a scenario endpoint you created using an id that was given to you when creating the endpoint.

Path: https://api.infobip.com/genapi/1/scenario/endpoint/get/{id}

Http method: GET

Headers: None

Example path: /scenario/endpoint/response/get/AE99A4EF22D7ADE988CD08A139638050 (Id from the previous example)

Body example: None

You should get a response similar to:

```
{
    "statusCode": 200,
    "entity": {
        "body": "{\"body\":\"Ovaj treba vratit prvi\"}",
        "ordinalNumber": 0
    },
    "message": "OK"
}
```
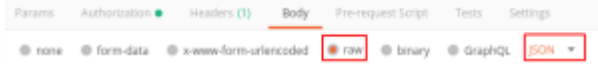
Update scenario endpoint

If you wish to update an endpoint that you have already created, you can do so by using id that was given to you when creating the endpoint.

Path: https://api.infobip.com/genapi/1/scenario/endpoint/update

Http method: PUT

Headers: Content-type: application/json (this can be achieved in Body tab in Postman by setting body to raw and then changing Text to JSON in the

dropdown menu)

Body example:

```
{
    "id": "AE99A4EF22D7ADE988CD08A139638050",
        "httpMethod": "GET",
        "httpHeaders": [
                {
                "name":"blabla",
                "value":"asdasd"
                }
        ],
        "endpointResponses": [{
                "body": "{\"body\":\"Drugi body\"}",
                "ordinalNumber": 2
        },
        {
                "body": "{\"body\":\"Prvi body\"}",
                "ordinalNumber": 1
        }]
}
```

Notice how order of responses in endpointResponses is not according to ordinalNumber, but first time you try to get a response from this endpoint you will get the one with lowest ordinalNumber (so responses are basically sorted by ordinalNumber).