





Authority API Documentation

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Name	URL	Description
 GitHub	https://github.com/cofomo-platform/authority	Repository of the authority project
 API-Documentation	https://authority.cofomo.io	Autogenerated up to date API documentation
 Swagger-UI	https://authority.cofomo.io/swagger	Interactive test suite of the API
 API	https://authority.cofomo.io/api	Authority API

1. Authentication API

1.1. Authenticate Mobility Consumer

1.1.1. Sample Request

```
POST /api/v1/authenticate HTTP/1.1
Content-Type: application/json
Accept: application/json
Content-Length: 56
Host: authenticate.cofomo.io
```

```
{
  "username" : "consumer",
  "password" : "consumer"
}
```

1.1.2. Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 316
```

```
{
  "jwt" :
  "eyJhbGciOiJSUzI1NiJ9.eyJzdWIiOiJjb25zdW1lcjIsImV4cCI6MTU3NzY2MDA5OSwiaWF0IjoxNTc3NjQyMDk5LCJjb25zdW1lcjI6eyJpZCI6IjJjOTI4MDgzNmY1MTJmYWUwMTZmNTJjYmNhZjkwMDAwIiwidXNlcm5hbWUiOiJjb25zdW1lcjIsInBhc3N3b3JkIjoiaKioqIn19.cQZruUFWSRkhmdMaSWO_sZWGlhfFlPqj3WHYsxYB97AG25SzuwmfVJghSiPixZlvAXHmjQoPg7oijcAYWRkCsA"
}
```

2. Authorization API

Collection of endpoints to manage authorizations of mobility consumers

2.1. Get Verifiable Claim

2.1.1. Sample Request

```
{
  "vct" : "vct_has_driversLicense",
  "jwt" :
"eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJpbGtvIiwiaXhwIjojNTc2NjkwMjEwLCJpYXQiOiE1NzY2NzIyMTAsImNbnN1bWVyIjpb7ImlkIjoiaSIzInVzZXJuYW1lIjoiaWxrbyIsInBhc3N3b3JkIjoiaKioqIn19.Xwx6_wwllis3-ez8xdJtiL-2ZIfAVnxIvZ2A9MqksM_Iqaz_Pr3YPVD42t2y1xzzqV5VL4Jp_2TKR9Q2NsUk0eQ"
}
```

```
{
  "jwt" :
    "eyJhbGciOiJSUzI1NiJ9.eyJzdWIiOiJ4TXBDT0tDNuk0SU56RkNhYjNXRW13PT0iLCJ2Y3RfdGVzdCI6eyJjb250ZXh0IjoiaHR0cHM6Ly93d3cudzMub3JnLzIwMTgvdGVudGlhbHMvdjEiLCJ0eXB1IjoiaWZlbnN0X3Rlc3QiLCJvdi25lciI6InhNcENPS0M1STRJTnpGGQ2FiM1dFbXcxPSIsImVzc3VlciI6IkF1dGhvcmcl0eSBvZiB2Y3RfdGVzdCIsInZhbmGlYXRpb24iOiIiLCJpc3N1YW5jZURhdGUiOiIyMDTEyLTE4VDEwOjM5OjQzKzAwMDAifS.wizXhwIjoxNTc2NjgzNTgzLCJpYXQiojE1NzY2NjU1ODN9.PyeXlc6xzk9pGvRQRajYcpB_cTaIt9MmxG7jWi7KA2qRF320xEngcbAVxiQaVQmLRDAALkwbuC1i1EObuhd96g"
}
```

```
POST /api/v1/authorization/validateClaim HTTP/1.1
Content-Type: application/json
Accept: application/json
Content-Length: 492
Host: authority.cofomo.io
```

```
{
  "jwt" :
  "eyJhbGciOiJSUzI1NiJ9.eyJzdWIiOiJ4TXBDT0tDNUk0SU56RkNhYjNXRW13PT0iLCJ2Y3RfdGVzdCI6eyJjb250ZXh0IjoiaHR0cHM6Ly93d3cudzMub3JnLzIwMTgvY3JlZGVudGhbmVudjEiLCJ0eXB1IjoiaW93Rlc3QiLCJvd25lciI6InhNcENPS0M1STRJTnpGQ2FiM1dFbXc9PSIsImIzI6I6IkF1dGhvcml0eSBvZiB2Y3RfdGVzdCI6InZhbGkYXRpb24iOiIiLCJpc3N1YW5jZURhdGU0IyMDE5LTEyLTE4VDEwOjM5OjQzKzAwMDAifS.wZXhwIjoxNTc2NjgzNTgzLCJpYXQiOjE1NzY2NjU1ODN9.PyeXlc6xzk9pGvRQRajYcpB_cTaLT9MmxG7jWi7KA2qRF320xEngcbAVxiQaVQmLrDAALkwbUC1i1E0buhd96g"
}
```

2.2.2. Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 4

true
```

3. Consumer API

Collection of endpoints to manage Consumers. This is the implementation of the IConsumer interface.

3.1. Customer Model

Path	Type	Description
<code>id</code>	<code>String</code>	Autogenerated UUID of the consumer
<code>username</code>	<code>String</code>	Username of the consumer
<code>password</code>	<code>String</code>	Password of the consumer

3.2. Get all Consumers

Get all Consumers

3.2.1. Sample Request

```
GET /api/v1/consumer HTTP/1.1
Host: consumer.cofomo.io
```

3.2.2. Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 138

[ {
  "id" : "1",
  "username" : "alice",
  "password" : "alice.123"
}, {
  "id" : "2",
  "username" : "bob",
  "password" : "bob.123"
} ]
```

3.3. Get Consumer by Id

Get Consumer by Id

3.3.1. Sample Request

```
GET /api/v1/consumer/1 HTTP/1.1
Accept: application/json
Host: consumer.cofomo.io
```

3.3.2. Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 68

{
  "id" : "1",
  "username" : "alice",
  "password" : "alice.123"
}
```

3.4. Create Consumer

Create new Consumer.

3.4.1. Request Body

Path	Type	Description
id	String	Autogenerated UUID of the consumer
username	String	Username of the consumer
password	String	Password of the consumer

3.4.2. Sample Response

```
HTTP/1.1 201 Created
Content-Type: application/json
Content-Length: 68
```

```
{
  "id" : "1",
  "username" : "alice",
  "password" : "alice.123"
}
```

3.5. Update Consumer

Update Consumer.

3.5.1. Sample Request

```
PUT /api/v1/consumer/1 HTTP/1.1
Content-Type: application/json
Accept: application/json
Content-Length: 68
Host: consumer.cofomo.io
```

```
{
  "id" : "1",
  "username" : "alice",
  "password" : "alice.123"
}
```

3.5.2. Sample Response

```
HTTP/1.1 202 Accepted
```

3.6. Delete Consumer

Delete Consumer.

3.6.1. Sample Request

```
DELETE /api/v1/consumer/1 HTTP/1.1
Content-Type: application/json
Accept: application/json
Content-Length: 68
Host: consumer.cofomo.io
```

```
{
  "id" : "1",
  "username" : "alice",
  "password" : "alice.123"
}
```

3.6.2. Sample Response

```
HTTP/1.1 200 OK
```