Cerba - Booking

API(s) Documentation - v 2.4 del 15/12/2025

ENDPOINTS	
TEST	https://3z0xh9v1f4.execute-api.eu-south-1.amazonaws.com/test
PROD	https://3z0xh9v1f4.execute-api.eu-south-1.amazonaws.com/prod

Login

POST
https://cerbahc.auth.eu-central-1.amazoncognito.com/oauth2/token

Login API to obtain a JWT Token to be used to authenticate API(s) calls.

Headers

Content-Type: application/x-www-form-urlencoded

Request Body

client_id: 732bjl1ih32jdk3qjcq7dej1tp

client_secret: c8vst12at03p7d197648h1apktkuv61f8d83qtg3jdbh0nntf8

grant_type: client_credentials

scope: voila/api

Response Body

access_token string

expires_in integer

token_type string

Example

```
{
    "access_token":
"eyJraWQiOiJqZlJYbHFnSXBidnlpOUQrXC9zWHNSYjdyNWpJbHlSQnpqQTJWZU5OdUxJWT0iLCJhbGciOiJSUzI1NiJ9.eyJzdWIiOiI0OXBnNGl2aHJ2YWFlcHNoMGRoaTVkbGGNmZSIsInRva2VuX3VzZSI6ImFjY2VzcyIsInNjb3BlIjoibWRsZXh0XC9jb25mYXJ0aWdpY15hdG9fdmEiLCJhdXRoX3RpbWUiOjE2NjQ5NTk1NzMsImlzcyI6Imh0dHBzOlwvXC9jb2
```

```
duaXRvLWlkcC5ldS1jZW50cmFsLTEuYW1hem9uYXdzLmNvbWvZXUtY2VudHJhbC0xX3h
mT1JGUkJJSiIsImV4cCI6MTY2NDk2MzE3MywiaWF0IjoxNjY0OTU5NTczLCJ2ZXJzaW9u
IjoyLCJqdGkiOiI4Mjg1MmU3OS1hZWQ1LTQwOWItYWQwZS05NmVkZjZmYjc1YzQiLCJjb
GllbnRfaWQiOiI0OXBnNGl2aHJ2YWFlcHNoMGRoaTVkbGNmZSJ9.o3xKjf8RWS4le-oLB
fTGGgPFz2xIXdFzzXKdcK8LaI2urO9ZUkD6qjFUd_Wf2UwWaPidc7gqvrBFmje4Q4eGBz
gQatwkL_yQXSMNOPBrzAzmIT_tQ2IqzbXUQmvAR7ss9R7bGMrYhSediK8xHqorZdrF-BQ
XGk9Gt3e5NdGwErzi9XxLW7sY3kKZKpoaoerZEeqqhvvCwsc71IOlM3VproxhSPbkInZf
gTKTy5OTpyS6Ea8uuFKf25WQ6MKrRmERYqF-W8yTyWuNYDZKoXmx9IMaJtqKx6JLc1Ecl
vqX9l3Dl01EDRFpLkh0pYm5jzTLpJ2yUVvN8_2otiZOiMAqjA",
    "expires_in": 3600,
    "token_type": "Bearer"
}
```

Health Centers

GET health-center/{healthCenterUUID}/health-service

List of all the health services provided by an health center.

Headers

Content-Type: application/json

Authorization: Bearer [token]

Response Body

uuid string

Unique identifier of the health service

name string

Name of the health service

code string

Health service code

synonyms array of strings

List of the synonyms

Example

```json
[
    {
        "uuid": "fd289a81-19d1-48d9-a025-a0f3287f81f6",
        "name": "s-ALT/GPT",
        "code": "LLAB0097",
        "synonyms": [
            "sinonimo",
            "sinonimo"
        ]
    }
]
```

Search Patient

GET search/patient

List of all the patients who meet the applied filters.

Headers

Content-Type: application/json

Authorization: Bearer [token]

Query String Parameters

phone string *required*

Filters patient according to the filter provided

Response Body

uuid string

Unique identifier of the patient

name string

Name of the patient

surname string

Surname of the patient

fiscal_code string

Fiscal code of the patient

date_of_birth string

Date of birth of the patient

phone string

Phone of the patient

email array of strings

Email of the patient

Example

```
[
```

```
    {
        "uuid": "fd289a81-19d1-48d9-a025-a0f3287f81f6",
        "name": "Mario",
        "surname": "Rossi",
        "fiscal_code": "AAABBB01A01A123A",
        "date_of_birth": "1970-01-01",
        "phone": "+39123456789",
        "email": "email@email.it"
    }
]
```

Lab

Health Centers

GET lab/health-center

List of all the health centers providing Lab health services.

Headers

Content-Type: application/json

| Authorization: Bearer [token] |

Query String Parameters

regime enum *optional*

Filters health centers according to the selected healthcare regime

Values
private
ssn

address string *optional*

Filters health centers in a range of 22 km from the specified address.
Returns 500 in the specified address is not found.

Response Body

uuid string

Unique identifier of the health center

name string

Name of the health center

address string

Address of the health center

street_number string

Street number of the health center

city string

City of the health center

district string

District of the health center

zip_code string

Zip code of the health center

region string

Region of the health center

geolocation object

Geolocation of the health center

geolocation.latitude string

Latitude

geolocation.longitude string

Longitude

phone string

Contact number of the health center

email string

Contact email address of the health center

Example

```
[
  {
    "uuid": "c8a339e0-95c8-430b-ace6-640f3fd49ab1",
    "name": "Abbiategrasso Via San Carlo 30",
    "address": "Via San Carlo",
    "street_number": "30",
    "city": "Abbiategrasso",
    "district": "Milano",
    "zip_code": "20081",
    "region": "Lombardia"
    "geolocation": {
      "latitude": 45.399871,
      "longitude": 8.918454
    },
    "phone": "+3902999100",
    "email": "info@cerbahealthcare.it"
  }
]
```

Health Services and Checkups

GET lab/health-service

List of all the Lab health services.

Headers

Content-Type: application/json

Authorization: Bearer [token]

Query String Parameters

health_center string *optional*

Returns health services performed by the specified health center.

Response Body

uuid string

Unique identifier of the health service

name string

Name of the health service

code string

Health service code

special_health_service boolean

Flag identifying the health service as special

required_health_service object

Required health service

> **required_health_service.uuid** string
>
> Unique identifier of the health service
>
> **required_health_service.name** string
>
> Name of the health service
>
> **required_health_service.price** double
>
> Health service price

Example

```
[
    {
        "uuid": "fd289a81-19d1-48d9-a025-a0f3287f81f6",
        "name": "s-ALT/GPT",
        "code": "LLAB0097",
        "special_health_service": false,
        "synonyms": [
            "sinonimo",
            "sinonimo"
        ],
        "required_health_service": {
          "uuid": "2bf0b123-c593-4e22-8ede-a10d77f802b9",
          "name": "Prelievo Venoso"
        }
    }
]
```

GET lab/health-center/{healthCenterUUID}/health-service

List of the selected health services of the specified health center with prices.

Headers

Content-Type: application/json

Authorization: Bearer [token]

Query String Parameters

health_services array of strings *required*

Filters according to the specified health center

Response Body

uuid string

Unique identifier of the health service

name string

Name of the health service

price string

Health service price

required_health_service object
Required health service

required_health_service.uuid string
Unique identifier of the health service

required_health_service.name string
Name of the health service

required_health_service.price double
Health service price

Example

```json
[

  {

      "uuid": "90a43e34-9237-418c-b034-82accb250e38",
      "name": "Emocromocitometrico",
      "price": 12,
      "required_health_service": {
        "uuid": "d27a2e7e-dc14-44ac-8d1b-b096622f286f",
        "name": "Prelievo Venoso",
        "price": 12

      }

  }

]
```

GET lab/checkup

List of all the Lab health services.

Headers

Content-Type: application/json

Authorization: Bearer [token]

Response Body

uuid string

Unique identifier of the checkup

name string

Name of the checkup

code string

Check up related health service code

description string

Description of the checkup

health_services array of strings

List of the health services included in the checkup

price double

Price of the checkup

Example

```
[
  {
    "uuid": "c8a339e0-95c8-430b-ace6-640f3fd49ab1",
    "name": "CHECK UP BASE",
    "code": "LLAB0081",
    "description": "Il Checkup Base è un pacchetto di esami ...",
    "health_services": ["Azotemia", "Creatinina", "Glicemia", ... ],
    "price": 32
  }
]
```

GET lab/special-health-service-group

List of all the groups of Lab special health services.

Headers

Content-Type: application/json

Authorization: Bearer [token]

Query String Parameter

health_center string *optional*

Filters groups according to the specified health center

Response Body

uuid string

Unique identifier of the special health services group

name string

Name of the special health services group

health_services array of objects

Health services included in the special health services group

> **health_services.uuid** string
>
> Unique identifier of the health service

> **health_services.name** string
>
> Name of the health service

> **health_services.code** string
>
> Health service code

Example

```
[
  {
    "uuid": "c8a339e0-95c8-430b-ace6-640f3fd49ab1",
    "name": "Genetica",
    "health_services": [
      {
        "uuid": "c8a339e0-95c8-430b-ace6-640f3fd49ab1",
        "name": "sg-HLA B TIPIZZAZIONE GENOMICA",
```

```
      "code": "LGEN0022"
    },
    {
      "uuid": "c8a339e0-95c8-430b-ace6-640f3fd49ab1",
      "name": "sg-HLA B27 DNA GENOTIPO",
      "code": "LGEN0023"
    },
  ]
 }
]
```

Booking Reservations

GET lab/health-center/{UUID}/slot

List of all the available reservation slots.

Headers

Content-Type: application/json

Authorization: Bearer [token]

Parameters

regime string *required*

start_date* date *optional*

end_date* date *optional*

* If start_date and end_date are not set slots starting from the first available slot (for a 6 days window) are returned.

Response Body

uuid string
Unique identifier of the slot

start_time date
Start time of the slot

end_time date
End time of the slot

Example

```
[
  {
    "uuid": "582cf1b1-a28d-415c-9d68-26518f8d7a53",
    "start_time": "2022-10-15 15:45:00",
    "end_time": "2022-10-15 16:00:00"
  }
]
```

POST lab/booking

Create a booking for the selected slot

Headers

Content-Type: application/json

Authorization: Bearer [token]

Request Body

patient object
Information about the patient

> **patient.fiscal_code** string
>
> patient name

> **patient.name** string
>
> patient fiscal code

> **patient.surname** string
>
> patient surname

> **patient.date_of_birth** date
>
> patient date of birth

> **patient.phone** string
>
> patient phone

> **patient.email** nullable string
>
> patient email

> **patient.marketing_authorization** boolean
>
> patient marketing authorization status

slot string
Unique identifier of the reservation slot

health_services array of strings
List of health services included in the reservation

checkups array of strings

List of health checkups included in the reservation

special_health_service_groups array of strings

List of special health groups included in the reservation

Example

```json
{
  "patient": {
    "fiscal_code": "foo",
    "name": "Mario",
    "surname": "Rossi",
    "date_of_birth": "1990-01-01",
    "phone": "+39123456",
    "email": "foo@email.it"
  },
  "marketing_authorization": true,
  "slot": "UUID",
  "health_services": [
    "UUID",
    "UUID"
  ],
  "checkups": [
    "UUID"
  ],
  "special_health_service_groups": []
}
```

Response Body

reservation_code string

Unique identifier of the reservation (present only if reservation is confirmed)

confirmed boolean

Booking reservation status

created_at date

Booking reservation creation time

Example

```
{
  "reservation_code": "LA1",
  "confirmed": true,
  "created_at": "2022-10-15 15:45:00"
}
```

Amb

Health Services

GET amb/health-service

List of the AMB health services

Headers

Content-Type: application/json

Authorization: Bearer [token]

Response Body

uuid string

Unique identifier of the health service

name string

Name of the health service

code string

Health service code

synonyms array of strings

Synonyms of the health service

Example

```
[
  {
    "uuid": "fd289a81-19d1-48d9-a025-a0f3287f81f6",
    "name": "s-ALT/GPT",
    "code": "LLAB0097",
    "synonyms": ["foo", "foo"]
  }
]
```

GET amb/health-service/{healthServiceUUID}

Detailed info about a specific health service

Headers

Content-Type: application/json

Authorization: Bearer [token]

Query String Parameters

gender enum *optional[1]*

Gender of the patient

Values
m
f

date_of_birth integer *optional[1]*

Date of birth of the patient

health_centers array of strings *optional[1]*

Unique identifiers of the health centers

Response Body

uuid string

Unique identifier of the health service

name string

Name of the health service

medical_examination boolean

Has the value true if the health service is provided by a professional, the value false otherwise

requires_prescription boolean

Has the value true if the health service requires a prescription, the value false otherwise

follow_up boolean

Has the value true if the health service is a follow up, the value false otherwise

---

[1] Query string parameters are optional, but must be all set if passed within the request

bundle boolean

Has the value true if the health service is a bundle, the value false otherwise

health_service_category object

Category of the health service

health_service_category.uuid string

Unique identifier of the health service category

health_service_category.name string

Name of the health service category

health_service_category.label string

Label of the health service category

requires_recontact boolean

Has the value true if the health service requires a recontact from an operator, the value false otherwise.

health_service_relations array of objects

Information about the relation with other health services

health_service_relations.uuid string

Unique identifier of the relation

health_service_relations.previous_health_service object

Information about the first (previous) health service of the relation

previous_health_service.uuid string

Unique identifier of the health service

previous_health_service.name string

Name of the health service

previous_health_service.health_service_code string

Health service code

health_service_relations.following_health_service object

Information about the second (following) health service of the relation

following_health_service.uuid string

Unique identifier of the health service

following_health_service.name string

Name of the health service

following_health_service.health_service_code string

Health service code

health_service_relations.health_service_relation_type object

Information about the type of the relation between health services

health_service_relation_type.uuid string

Unique identifier of the relation type

health_service_relation_type.name string

Name of the relation type

health_service_relation_type.label string

Label of the relation type

bundle_health_services array of object

Health services included in the bundle

bundle_health_services.uuid string

Unique identifier of the health service

bundle_health_services.name string

Name of the health service

bundle_health_services.health_service_code string

Health service code

follow_up_health_services array of object

List of the health services that are possible follow up of the current health service

follow_up_health_services.uuid string

Unique identifier of the health service

follow_up_health_services.name string

Name of the health service

follow_up_health_services.health_service_code string

Health service code

requires_preliminary_visit boolean

Has the value true if the health service requires a preliminary visit, the value false otherwise

Example

```json
{
  "uuid": UUID,
  "name": "foo",
  "medical_examination": true,
  "requires_prescription": true,
  "follow_up": true,
  "bundle": true,
  "health_service_category": {
    "uuid": "UUID",
    "name": "foo",
    "label": "foo"
  },
  "requires_recontact": true,
  "health_service_relations": [{
    "uuid": "UUID",
    "previous_health_service": {
      "uuid": UUID,
      "name": "foo",
      "health_service_code": "foo"
    },
    "following_health_service": {
      "uuid": UUID,
      "name": "foo",
      "health_service_code": "foo"
    },
    "health_service_relation_type": {
      "uuid": "UUID",
      "name": "foo",
      "label": "foo"
    }
  }],
  "bundle_health_services": [
    {
      "uuid": UUID,
      "name": "foo",
      "health_service_code": "foo"
    }
  ],
  "follow_up_health_services": [
    {
      "uuid": UUID,
      "name": "foo",
      "health_service_code": "foo"
    }
  ],
  "requires_preliminary_visit": true
}
```

Health Centers

GET amb/health-center

List of all the health centers providing the specified health services.

Headers

Content-Type: application/json

Authorization: Bearer [token]

Query String Parameters

health_services array of strings *required*

Unique identifiers of the master health services

gender enum *required*

Gender of the patient

Values
M
F

date_of_birth integer *required*

Date of birth of the patient

address string *required*

Address used to filter health centers. If radius is null in a 22 km range

health_services_availability boolean *required*

Filters health centers according to availability of the specified health services

radius int *optional*

Radius within which centers are searched

Response Body

uuid string

Unique identifier of the health center

name string

Name of the health center

address string

Address of the health center

street_number string

Street number of the health center

city string

City of the health center

district string

District of the health center

zip_code string

Zip code of the health center

region string

Region of the health center

geolocation object

Geolocation of the health center

> **geolocation.latitude** string
>
> Latitude
>
> **geolocation.longitude** string
>
> Longitude

phone string

Contact number of the health center

email string

Contact email address of the health center

Example

```
[
  {
    "uuid": "c8a339e0-95c8-430b-ace6-640f3fd49ab1",
    "name": "Abbiategrasso Via San Carlo 30",
    "address": "Via San Carlo",
    "street_number": "30",
    "city": "Abbiategrasso",
    "district": "Milano",
    "zip_code": "20081",
    "region": "Lombardia"
    "geolocation": {
      "latitude": 45.399871,
      "longitude": 8.918454
    },
    "phone": "+3902999100",
    "email": "info@cerbahealthcare.it"
  }
]
```

Booking Reservations

GET amb/sort/health-center/{healthCenterUUID}/health-service

Ordered list of the health services included in the booking request by the patient

Headers

Content-Type: application/json

Authorization: Bearer [token]

Query String Parameters

gender enum *required*

Gender of the patient

Values
M
F

date_of_birth date *required*

Date of birth of the patient

health_services array of strings *required*

Health services included in the booking request

prescriptions array of strings *optional*

Health services included in the booking request in order to obtain a prescription

preliminary_visits array of strings *optional*

Health services included in the booking request as preliminary visit

optionals array of strings *optional*

Additional health services included in the booking request

opinions array of strings *optional*

Health services included in the booking request as visit for opinion

Response Body

health_services array of object

Health services included in the request

> **health_services.uuid** string
>
> Unique identifier of the health service

> **health_services.name** string
>
> Name of the health service

> **health_services.code** string
>
> Health service code

group boolean

True if the health services form a group,false otherwise

Example

```
[
  {
    "health_services": [{
      "uuid": "e1d91e92-3e96-4ded-ac3c-bbf7b83a3489",
      "name": "Visita Cardiologica (Prima Visita) + Elettrocard...",
      "health_service_code": "PCAR0050"
    }],
    "group": false
  }
]
```

GET amb/health-center/{healthCenterUUID}/providing-entity

List of the providing entities that have availability for the requested services starting from the specified date.

Headers

Content-Type: application/json

Authorization: Bearer [token]

Query String Parameters

health_services array of strings *required*

Unique identifiers of the selected health services

date_of_birth date *required*

Date of birth of the patient

gender enum required

Gender of the patient

Values
M
F

start_date date *required*

Slots are retrieved starting from the the specified date

Response Body

uuid string

Unique identifier of the providing entity

name string

Name of the providing entity

professional object

Information about the professional associated to the providing entity of the slot

professional.uuid string

Unique identifier of the professional

professional.name string

Name of the professional

professional.surname string

Surname of the professional

Example

```
[
  {
    "uuid": "e1d91e92-3e96-4ded-ac3c-bbf7b83a3489",
    "name": "foo",
    "professional": {
      "uuid": "UUID",
      "name": "foo",
      "surname": "foo"
    }
  }
]
```

GET amb/health-center/{healthCenterUUID}/slot

List of all the slots available in the selected health center

Headers

Content-Type: application/json

Authorization: Bearer [token]

Query String Parameters

health_services array of strings *required*

Unique identifiers of the selected health services

date_of_birth date *required*

Date of birth of the patient

gender enum required

Gender of the patient

Values
M
F

start_date date *required*

Slots are retrieved starting from the the specified date

start_time string *optional*

Slots are filtered according to the specified starting hour of the day

end_time time *optional*

Slots are filtered according to the specified ending hour of the day

providing_entity string *optional*

Unique identifier of the providing entity

providing_entity_gender string optional

Gender of the providing entity

availabilities_limit integer *required*

Max number of availabilities

Response Body

uuid string

Unique identifier of the slot

start_time string

Slot start time

end_time string

Slot end time

health_center object

Health center providing the services

> **health_center.uuid** string
>
> Unique identifier of the health center
>
> **health_center.name** string
>
> Name of the health center

providing_entity object

Providing entity associated to the slot

> **providing_entity.uuid** string
>
> Unique identifier of the providing entity
>
> **providing_entity.name** string
>
> Name of the providing entity

providing_entity_type object

Type of the providing entity

providing_entity_type.uuid string

Unique identifier of the providing entity type

providing_entity_type.name string

name of the providing entity type

providing_entity_type.label string

Readable name of the providing entity type

professional object

Information about the professional associated to the providing entity of the slot

professional.uuid string

Unique identifier of the professional

professional.name string

Name of the professional

professional.surname string

Surname of the professional

health_services array of objects

Health services provided within the slot

health_services.uuid string

Unique identifier of the health service

health_services.name string

Name of the health service

health_services.price string

Price of the health service

health_services.cerba_card_price string

Cerba Card price of the health service

POST amb/slot

Creates and reserves the booking slot

Headers

Content-Type: application/json

Authorization: Bearer [token]

Request Body

start_time string
Start time of the slot

end_time string
End time of the slot

providing_entity_availability string
Unique identifier of the providing entity availability

Example

```
{
  "start_time": "2024-07-09 10:30:00",
  "end_time": "2024-07-09 10:45:00",
  "providing_entity_availability": "994671fc-e4ea-4f7a-948a..."
}
```

Response Body

uuid string
Unique identifier of the slot

created_at datetime
Creation time of the slot

Example

```
{
  "uuid": "994671fc-e4ea-4f7a-948a...",
  "created_at": "2024-07-09 10:30:00",
}
```

DELETE amb/slot/{slotUUID}

Delete a previously required slot

Headers

Content-Type: application/json

Authorization: Bearer [token]

Response Body

uuid string
Unique identifier of the slot

updated_at datetime
Creation time of the slot

Example

```
{
  "uuid": "994671fc-e4ea-4f7a-948a...",
  "updated_at": "2024-07-09 10:30:00",
}
```

POST amb/booking

Creates a new booking

Headers

Content-Type: application/json

Request Body

patient object

Information about the patient

> **patient.uuid** string
>
> patient unique identifier. If provided, all other values are ignored.
>
> **patient.fiscal_code** string
>
> patient fiscal code
>
> **patient.name** string
>
> patient name
>
> **patient.surname** string
>
> patient surname
>
> **patient.date_of_birth** date
>
> patient date of birth
>
> **patient.phone** string
>
> patient phone
>
> **patient.email** nullable string
>
> patient email

booking_type enum

Type of the booking

> **Values**
>
> private

health_services array of object

Selected health services with slots

> **health_services.uuid** string
>
> Unique identifier of the health service
>
> **health_services.slot** string
>
> Unique identifier of the selected slot

reminder_authorization boolean

Flag that indicates if the patient agrees to receive booking reminders

marketing_authorization boolean

Flag that indicates if the patient agrees to marketing policies

sms_notification boolean

Flag that indicates if the patient receives notifications via sms

Example

```
{
  "patient": {
    "uuid" : "UUID",
    "name" : "foo",
    "surname": "foo",
    "email": "foo",
    "phone": "foo",
    "date_of_birth": "foo",
    "fiscal_code": "foo",
    "gender": "M",
  },
  "booking_type": "private",
  "health_services": [{
    "uuid": UUID,
    "slot": UUID
  }],
  "reminder_authorization": true,
  "marketing_authorization": true,
  "sms_notification": true
}
```

Response Body

uuid string

Unique identifier of the booking

code string

Patient booking code

created_at datetime

Creation date of the booking

Example

```
[
    {
        "uuid": "2e3f0ee7-67fd-4275-9c77-4077cdc6fa14",
        "code": "AMB1",
        "created_at": "2024-07-09 10:30:00",
    }
]
```