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# Subscriptions


You can create subscription plans with customizable billing frequencies (daily, weekly, monthly, etc.) and amounts using just a single endpoint.

 We currently support creation of subscription plans for NGN, GHS, ZAR, KES, and USD only.

**Authorization**

Set value to `Bearer SECRET\_KEY`

**Content-type**Set value to `application/json`

 The secret key can be gotten from the 'Settings' page on your Startbutton dashboard.

Post a request to the URL below, where the base URL is determined by the environment you are in.

[> BaseUrls](#)

## Create Subscription Plan

**Endpoint****POST:** `{{baseUrl}}/subscription/api`

### Sample code:

```
{
  "name": "Free trial subscription 7",
  "description": "This is a Free trial Subscription Test",
  "frequency": "monthly",
  "currency": "NGN",
  "type": "fixed",
  "amount": 1000,
  "freeTrial": true,
  "freeTrialPeriod": 5,
  "endDate": "2025-06-30", //this is optional
  "notificationSettings": {
    "freeTrial": {
      "enabled": true,
      "period": 3
    }
  }
}
```

### Sample response:

```

{
  "success": true,
  "message": "Success",
  "data": {
    "subscription": {
      "name": "Free trial subscription 7",
      "description": "This is a Free trial Subscription
Test",
      "amount": 10,
      "frequency": "monthly",
      "merchantId": "64xxxxxxxx",
      "link": "http:subscription/3935daxxx",
      "currency": "NGN",
      "code": "39xxxxxx",
      "status": "active",
      "deleted": false,
      "endDate": "2025-06-30T00:00:00.000Z",
      "type": "fixed",
      "notificationSettings": {
        "freeTrial": {
          "enabled": false,
          "period": 3
        }
      },
      "_id": "67xxxxxxxxxxxxxxxxxx",
      "createdAt": "2025-04-02T06:11:42.501Z",
      "updatedAt": "2025-04-02T06:11:42.501Z",
      "__v": 0
    }
  }
}

```

## Cancel Subscription

Endpoint

**POST:** `{{baseUrl}}/subscription/api/:planId`

Path variable

Required?

planId

Yes


### Sample Code:

```
{
  "status": "canceled",
  "reason": "completed"
}
```

### Sample Response:

```
{
  "success": true,
  "message": "Success",
  "data": {
    },
    "type": "fixed",
    "_id": "67xxxxxxxxxxxxxx",
    "name": "Test",
    "description": "Testing subs",
    "amount": 500,
    "frequency": "monthly",
    "merchantId": "66xxxxxxxxxxxxxx",
    "link": "http://pay.startbuttonsubscription/b7xxxxxx",
    "currency": "NGN",
    "code": "b7xxxxxx",
    "status": "canceled",
    "deleted": false,
    "numberOfPaymentsExpected": 5,
  }
}
```


## Get Subscribers

 This endpoint retrieves details of all subscribers on a subscription plan and allows filtering by status.

**Endpoint****GET:** `{{baseUrl}}/subscribers`

Query Params	Required?	Description
subscriptionPlanId	Yes	the subscription plan id
status	No	should be activated, 'completed', or 'cancelled',


**Sample Response:**

-  The Subscription Plan detail associated with the subscriber is also returned, but for the scope of this DOC we will only share the Subscriber's detail.

Additionally, if a Subscription Plan isn't created with an `endDate` — then no `endDate` is returned for the Plan.

```
{
  "_id": "609xxxxxxxxxxx", //this is the subscriber's Id
  "subscriberId": {
    "email": "test@test.com",
    "nameOnCard": null,
    "deleted": false,
    "createdAt": "2025-03-07T01:28:47.314Z",
    "updatedAt": "2025-03-08T04:07:50.929Z",
    "id": "67xxxxxxxxxxxxxxxx"
  }
}
```

## Cancel Subscriber

 With this endpoint, you can cancel a subscriber from a subscription plan. It allows you to remove a subscriber's access to a previously active subscription plan.

You need to retrieve the subscriber's Id using the [Get-subscriber endpoint](#) first.

#### Endpoint

**PATCH** : `{{baseUrl}}/subscribers/:subscriberId/update-status`

Path Variable	Required?	Description
subscriberId	Yes	the subscriber's id

#### Sample Payload

```
{
  "status": "canceled",
  "reason": "this is the end"
}
```

#### Sample Response

```
{
  "success": true,
  "message": "success",
  "data": {
    "subscriber": {
      "_id": "678xxxxxxxxxxxxxx",
      "subscriberId": "678xxxxxxxxxxxxxx",
      "planId": "678xxxxxxxxxxxxxxxxxxxxxx",
      "merchantId": "678xxxxxxxxxxxx",
      "frequency": "monthly",
      "updatedAt": "2025-xxxxxxxxxxxxxxxxxxxxxx",
      "reason": "I don't Know"
    }
  }
}
```

## Subscription FAQs

1. How can we identify the subscription plan the user paid for - from the webhook response?

**ANS:** The payment code returned in the webhook response would be the same as the code on the subscription link.

2. If a subscription charge attempt fails, will it be retried in the next billing cycle?

**ANS:** Yes, until the number of expected payment cycles is completed—we retry in the next billing cycle.

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Last updated 4 months ago