

## Overview

Refund API is used to refund a charged transaction.

## Payment Flow

1. The merchant submits the refund request to PayAmigo platform
2. The PayAmigo platform submit the refund request to acquirer
3. Acquirer response to PayAmigo successfully, the refund transaction is approved.
4. The PayAmigo platform notify the merchant the final refund result

| API Endpoint | https://{server.com}/api/v3/charges/{id} |
|--------------|------------------------------------------|
| Method       | POST                                     |
| Content Type | Application-json                         |

## Request Path Parameters

| Field | Required | Description                                   |
|-------|----------|-----------------------------------------------|
| id    | Y        | The transaction ID specified by the merchant. |

## Request Parameters

| Field   | Required | Description                                                                                |
|---------|----------|--------------------------------------------------------------------------------------------|
| command | Y        | Fixed as "REFUND"                                                                          |
| amount  | N        | Specify the amount to refund. If it is not set, refund the full amount of the transaction. |

## Sample Request

```
{  
  "command": "REFUND",  
}
```

```
"amount": 12
}
```

## Sample Response

Check the last transactions[n] item, if transactions[2].type = "REFUND" and transactions[2].state = "APPROVED", the refund request has been successful.

```
{
  "id": "202110112335",
  "status": "REFUNDED",
  "merchantAccount": "Demo_Merchant",
  "lineItem": {
    "amount": 12,
    "currency": "MAD",
    "description": "5 Golden Rings",
    "taxCode": "NT",
    "taxIncludedInPrice": true
  },
  "transactions": [
    {
      "timestamp": "2021-10-11T15:35:58Z",
      "gatewayProvidedId": "2fe1bf49-ce48-43be-8c4d-b22a1f364c19",
      "type": "CHARGED",
      "state": "APPROVED",
      "amount": 12,
      "currency": "BRL",
      "resultCode": 0,
      "responseText": "Success"
    },
    {
      "timestamp": "2021-10-11T15:36:51Z",
      "gatewayProvidedId": "61100cb2-fd58-45d2-85c8-699773c951e0",
      "type": "REFUND",
      "state": "APPROVED",
      "amount": -12,
      "currency": "BRL",
      "resultCode": 0,
      "responseText": "Success"
    }
  ],
  "paymentType": "CREDIT_CARD",
  "paymentMethod": "VISA",
  "created": "2021-10-11T15:35:56Z"
}
```

## Sample Error Response

```
{  
  "requestId": "85b6d93b-00f6-44b6-b6b3-0fea3f6af9f3",  
  "errorCode": "validation_error",  
  "message": "Invalid request. The specified charge command is not allowed: REFUND"  
}
```