

Currency Exchange Rates (POST)

Overview

This POST API can be used to save the Currency Exchange Rates received from the ERP to GEP Quantum

URL Format: <https://<instance>.gep.com/leo-centraldata-exchangerateservice/api/v1/ExchangeRateMaster/Multiple>

Request

```
[
  {
    "clientCode": "code-01",
    "sourceSystem": "API",
    "isActive": true,
    "targetCurrency": "EUR",
    "reverseExchangeRate": 0.0312,
    "isDefault": false,
    "effectiveDate": "2023-08-02T08:08:30.091Z",
    "fromCurrency": "USD",
    "exchangeRate": 50.12
  },
  {
    "clientCode": "code-02",
    "sourceSystem": "API",
    "isActive": true,
    "targetCurrency": "USD",
    "reverseExchangeRate": 0.0312,
    "isDefault": false,
    "effectiveDate": "2023-08-02T08:08:30.091Z",
    "fromCurrency": "EUR",
    "exchangeRate": 50.12
  }
]
```

Response

```
{
  "returnValue": {
    "totalCount": 1,
    "successCount": 1,
    "errorCount": 0,
    "failedRequests": [
    ],
    "successResult": {
      "successIdentifiers": [
        {
        }
      ]
    },
    "id": 200,
    "status": "Success",
    "errors": null,
    "_id": null,
    "_ids": [
      "1"
    ]
  },
  "isSuccess": true,
  "errors": null,
  "exception": null,
  "errorMessage": null,
  "errorCode": null,
  "correlationId": null
}
```

Data Elements

PROPERTY	REQUIRED	DATA TYPE	DESCRIPTION
_id	Yes	string	<ul style="list-style-type: none"> Mandatory for delete, update operation. _id of the Exchange Rate
clientCode	No	string	<ul style="list-style-type: none"> Non-Mandatory field Unique field
fromCurrency	Yes	String (10)	<ul style="list-style-type: none"> Mandatory field Max length is 10. Validated from Currency against code.
targetCurrency	Yes	String (10)	<ul style="list-style-type: none"> Mandatory field Max length is 10. Validated from Currency against code.
reverseExchangeRate	No	Decimal	<ul style="list-style-type: none"> Non-Mandatory field Upto 9 integers before decimal and upto 15 integers after decimal
exchangeRate	Yes	Decimal	<ul style="list-style-type: none"> Non-Mandatory field Upto 9 integers before decimal and upto 15 integers after decimal If from & to currency are set as same, then the conversion rate will default to 1 irrespective of the exchange rate entered. Default value - 0
effectiveDate	Yes	string(date-time)	<ul style="list-style-type: none"> Mandatory field The allowed date format is DD/MM/YYYY Please enter date only in this format
sourceSystem	Yes	string	<ul style="list-style-type: none"> Default value is "API."

isActive	No	bool	<ul style="list-style-type: none"> • Default value is TRUE.
isDefault	No	bool	<ul style="list-style-type: none"> • Default value is FALSE. • Only one true value is allowed.
lobCode	Yes - when IsLobRequired flag is enabled.	string	<ul style="list-style-type: none"> • Validated from Organization Structure. • Mandatory when IsLobRequiredflag is enabled. • When this flag is disabled lobCode will be ALL

Validation

Property	Scenario	Error Message
clientCode	If record is already present for given client code.	Record Already Exists for given Client Code
sourceSystem	<ol style="list-style-type: none"> 1. Incorrect source system value. 2. Null/Empty value 	<ol style="list-style-type: none"> 1. Invalid Source system value. 2. Value cannot be null/empty.
targetCurrency	Incorrect currency code.	Invalid target currency.
reverseExchangeRate	Value outside the allowed range.	Input string not a valid decimal.
effectiveDate	Incorrect format of date	Cannot convert string to Date Time.
fromCurrency	Incorrect currency code.	Invalid base currency.
exchangeRate	Value outside the allowed range.	Input string not a valid decimal.