

POST /v2/account-history/calculate-daily

Route Info

Method	Endpoint	Controller	Middleware
POST	/v2/account-history/calculate-daily	AccountHistoryController@calculateDailyBalanceForYear	authWithJwt

??? (Functionality)

دنی آرف، دوشیم هدفاسا (Colleague) راکمه کی هانزور یاهه دنام هریخ د و هب ساجم یارب API نی دن اوتیم هب ساجم:

- (یلالچ) صخشم لاس کی لک یارب
- صاخ خیرات هزاب کی یارب ای

تروص هب ارجا ناکما تاب ساجم:

- هجیتن ینادرگزاب اب (Sync) نامزمه
- Queue رد Job زا هدفاسا اب (Async) نامزمه ریغ

دنوشیم هریخ د هزوریس TTL اب Redis رد هدش هب ساجم یاهه جیتن

????? (Request Body)

```
{
  "colleague_id": 24,
  "year": 1403,           // optional
  "from": "1403-01-01",  // optional
  "to": "1403-12-29",    // optional
  "async": true           // optional, default = false
}
```

?????? ???????????

- **colleague_id** دشا ب دوجوم colleagues لودج رد دى اب و ىمازلا
- **year** 1500 ات 1300 نى ب ددع ، ىراى تخا
- **from/to** ت مرف رد ىسمش خىرات `Y-m-d`.
- **async** رادقم boolean.
- ت سا عونمم هدى آى اى خىرات لاسرا .

???? ???? (Execution Logic)

- دوشىم ماچنا Laravel ىجنس راب ت عا لوا .
- اطخ → دوش لاسرا هدى آى خىرات رگا .
- ىاهرت ماراپ اب Job → `async=true` رگا :
 - `colleague_id`
 - `year`
 - `type=daily`

Dispatch دوشىم .

- دوشىم ىناو خارف ام ىقتسم `calculateAndStoreDailyBalance()` → `async=false` رگا .

?????? Job

- **timeout:** 3600 ىناث
- **tries:** 3
- job ن دش fail → اطخ تروص رد
- اطخ و ناى اپ ، عورش ىارب ل ماك گال

???? ???? (Async Mode)

```
{
  "payload": null,
  "meta": {
    "colleague_id": 24,
    "year": 1403,
    "from": "1403-01-01",
    "to": "1403-12-29",
    "type": "daily",
```

```
"status": "queued",
"timestamp": "2025-12-01T10:15:00+03:30"
}
}
```

???? ???? (Sync Mode)

```
{
  "payload": {
    "1403-01-01": {
      "credit": 0,
      "debit": 1200000,
      "balance": -1200000
    },
    "1403-01-02": {
      "credit": 500000,
      "debit": 0,
      "balance": 500000
    }
  },
  "meta": {
    "colleague_id": 24,
    "from": "1403-01-01",
    "to": "1403-12-29",
    "total_days": 365,
    "timestamp": "2025-12-01T10:15:00+03:30"
  }
}
```

????????? ??? (Error Responses)

???????????? (400)

```
{
  "error": {
    "code": "VALIDATION_ERROR",
    "message": "colleague_id is required"
  },
  "meta": {
    "timestamp": "2025-12-01T10:18:00+03:30"
  }
}
```

????? ???? ???? ???? (400)

```
{
  "error": {
```

```
{
  "code": "FUTURE_DATE_NOT_ALLOWED",
  "message": "Cannot calculate for future dates."
},
"meta": {
  "colleague_id": 24,
  "to": "1404-01-01",
  "timestamp": "2025-12-01T10:18:00+03:30"
}
}
```

???? ????? (500)

```
{
  "error": {
    "code": "INTERNAL_ERROR",
    "message": "Unexpected error..."
  },
  "meta": {
    "colleague_id": 24,
    "timestamp": "2025-12-01T10:20:00+03:30"
  }
}
```

Meta

- Redis Key Format: `account_history:daily:{colleagueId}:{year}:{date}`
- TTL: 30 روز
- Job Class: `CalculateAccountHistoryJob`
- Service Method: `calculateAndStoreDailyBalance()`

Revision #1

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