

# POST /v2/batch-accounting/process/month

## Process Batch Documents By Month

و هدرک تفایرد صخشم یسمش هام کی ساسا رب ار یرادباسح دانسا تنیوپدنا نی ی دوروخیرات زا ادتبا . دنکی م شزادرپ (Batch Processing) یاهتسد تروص هب ار اهنآ رب یاهتسد شزادرپ تایلمع س پس دوشیم هدافتسا هام لماک هودحم نییعت یارب دانسا لک دادعت لماش یجوخ . ددرگی م ارجا `processBatchByDateRange` قطنم ساسا .تسا هام یسراف مان هب طوبرم ییاهن مایپ و Batch ره تاعالطا ،هدششزادرپ

### Request Overview

URL: `/v2/batch-accounting/process/month`

Method: **POST**

Middleware: `authWithJwt, shamsiDate`

### Body Parameters

Field	Type	Required	Description
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<code>month_date</code>	string (YYYY-MM-DD)	yes	????? ???? ???? ??? ???? ??. ??? ???? ????? ?????? ?? ??????? ??????.
<code>batch_size</code>	integer	no	???? ?? Batch. ????? 10? ?????? 1000. ?????? ?????????: 100.

## Request Example

```
POST /v2/batch-accounting/process/month

{
  "month_date": "1403-05-01",
  "batch_size": 200
}
```

## Validation Rules

- month\_date: required + regex YYYY-MM-DD
- batch\_size: integer + min=10 + max=1000
- month\_date ???? ?? shamsiDate middleware ????? ????? ???? ???

## Response (Success)

تس ا `BatchAccountingService::processBatchByDateRange` اساسا رب یجوخ راتخاس

Field	Type	Description
<code>success</code>	boolean	????? ?????? ???????

Field	Type	Description
<code>data.total_processed</code>	integer	????? ?? ????? ????????????
<code>data.total_errors</code>	integer	????? ??????? ??????? ?? Batch??
<code>data.batches_count</code>	integer	????? ?? Batch?? ????????
<code>message</code>	string	????? ?????? ????? ??? ?? ????? ?????????????? ?? <code>getMonthName</code>

```
{
  "success": true,
  "data": {
    "success": true,
    "total_processed": 450,
    "total_errors": 0,
    "batches_count": 3
  },
  "message": "دش شزادری دنس 450. دش لماک دادرم ه ام شزادری."
}
```

### Response (Validation Error)

```
{
  "success": false,
  "message": "یجنس مراتع ا رد اطخ",
  "errors": {
    "month_date": [
      "The month_date format is invalid."
    ]
  }
}
```

### Response (Server Error)

```
{
  "success": false,
  "message": "هام شزادرپ رد اطخ: Internal server error..."
}
```

## Internal Architecture

Component	Description
<code>ShamsiDateHelper::startOfMonth</code>	???????? ?????? ??? ??? ????? ?? ????? YYYY-MM-DD
<code>ShamsiDateHelper::endOfMonth</code>	???????? ?????? ??? ??? ?????
<code>processBatchByDateRange()</code>	???? ????? Batch Processing ??? ?????? ??????
<code>getMonthName()</code>	?????? ?????? ??? ?? ??? ?????? (????????? ?? ??????)

## Process Flow

**Validate JWT Token**

?

**Validate Shamsi Date (middleware)**

?

**Validate Request Body (month\_date + batch\_size)**

?

**Extract startOfMonth & endOfMonth (ShamsiDateHelper)**

?

**Call processBatchByDateRange(start, end, batchSize)**

?

**Execute Batch Processing (chunking + processing + throttling)**

?

**Aggregate Results (processed + errors)**

?

**Get Month Name (getMonthName)**

?

**Return Final Response**

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