

API Guide – Create Subscription Activation

Overview

This API allows you to create a **subscription activation order** using a product ID and buyer identities.

The API is **idempotent**: if you send the same `ReferenceId` multiple times, you will always get a consistent result (success, retry, or conflict), never a duplicate order.

Endpoint

POST `/v2/Subscriptions`

Request Body

```
{
  "productid": "GUID",
  "referenceId": "string",    // Must be unique per activation attempt
  "identities": { ... }      // Identity information required for supply
}
```

General Response Format

All responses are returned as JSON with the following fields:

- `status`: "1" for success, "0" for error (in this API we also return numeric codes like 200/400/409 for clarity).
- `message`: Human-readable description of the outcome.
- `orderId`: (optional) The unique identifier of the order.
- `orderNumber`: (optional) Human-readable order number.

✓ Successful Responses

1. New Order Created

```
{
  "status": 200,
  "message": "Subscription activation created successfully",
  "orderId": "3f2c0a77-...",
  "orderNumber": "ORD-123456"
}
```

2. Existing Order Returned (Same ReferenceId)

```
{
  "status": 200,
  "message": "Subscription activation already exists (same referenceId)",
  "orderId": "3f2c0a77-...",
  "orderNumber": "ORD-123456"
}
```

3. Payment Retry Triggered

If the previous order was stuck in `Paying` status, the system retries automatically:

```
{
  "status": 200,
  "message": "Subscription activation created successfully",
  "orderId": "3f2c0a77-...",
  "orderNumber": "ORD-123456"
}
```

✖ Error Responses

1. Invalid Request

- **Null or malformed payload**

```
{
  "status": 400,
  "message": "Payload is null."
}
```

2. Validation Failure

- **Business rule violation (e.g. invalid identities)**

```
{
  "status": 400,
  "message": "Validation failed: [details]"
}
```

3. Wrong Product Type

- **Product is not a subscription**

```
{
  "status": 400,
  "message": "This product is not a subscription."
}
```

4. No Eligible Seller

```
{
  "status": 400,
  "message": "eligible seller not found."
}
```

5. Insufficient Balance on Payment Retry

```
{
  "status": 400,
  "message": "Failed to process payment for the existing order (your wallet balance is not enough).",
  "orderId": "3f2c0a77-...",
  "orderNumber": "ORD-123456"
}
```

6. ReferenceId Conflicts

- **ReferenceId already used but with different product**

```
{
  "status": 409,
  "message": "Subscription activation with the same referenceId exists but
for a different productId. (Use another Referenceid)",
  "orderId": "..."}
}
```

- **ReferenceId already used but with different buyer**

```
{
  "status": 409,
  "message": "Subscription activation with the same referenceId exists but
for a different buyer. (Use another Referenceid)"}
}
```

- **ReferenceId already used but with different user identity**

```
{
  "status": 409,
  "message": "Subscription activation with the same referenceId exists but
for a different user identity. (Use another Referenceid)",
  "orderId": "..."}
}
```

- **ReferenceId already used but order is failed/cancelled**

```
{
  "status": 409,
  "message": "Subscription activation with the same referenceId exists but in
a failed/cancelled state. (Use another Referenceid)",
  "orderId": "..."}
}
```

Notes for API Consumers

- Always generate a **unique ReferenceId** per activation attempt.
- If you retry with the same ReferenceId, you will either:
 - Get the existing successful order,
 - Trigger a payment retry (if payment was incomplete),
 - Or receive a 409 Conflict if the reference was used incorrectly.
- Do not attempt to bypass validation errors; correct the request and resend.
- Handle both success (status = 200) and error (status = 400/409) cases gracefully.
- Log the referenceId, status, and message in your system for troubleshooting.