**Ministry of Digital Economy and Entrepreneurship  
API Documentation Template**

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Contents

[1. Introduction 2](#_Toc202395923)

[2. API Specifications 2](#_Toc202395924)

[Operation Name: Create a New Service for an Entity 2](#_Toc202395925)

[Operation Name: Bulk Tracking Submission 3](#_Toc202395926)

[Operation Name: Tracking Submission 5](#_Toc202395927)

[Validation Error Response 6](#_Toc202395928)

[Response Format 6](#_Toc202395929)

# 1. Introduction

This document provides technical details about the Data transaction API , including its purpose, structure, and usage guidelines.

# 2. API Specifications

Service name over GSB: GOV-Analytics-API

### Operation Name: Create a New Service for an Entity

This endpoint is used to create ga\_application\_id based on GNN ID.

• **API URL**: POST /api/service/create

• **Request Example (JSON):**

POST /api/service/create

Content-Type: application/json  
  
{

"name": "خدمة إصدار وثيقة",

"entity\_id": "8180XXXXX"

}  
API Request description for all fields :

|  |  |  |  |
| --- | --- | --- | --- |
| Input Parameter | Required | Data type | Description in Arabic |
| name | Yes | String | اسم الخدمة  Name of the service to be created |
| entity\_id | string | Yes | الرقم التعريفي للمؤسسة  ID of the entity (GNN-based entity ID) |

• **Response Example (JSON**):

HTTP/1.1 200 OK  
Content-Type: application/json  
  
{

"message": "success",

"entity\_name": "وزارة التنمية الاجتماعية",

"ga\_application\_id": "G-AKSUVC1O3I"

}

API Response description for all fields:

|  |  |  |
| --- | --- | --- |
| Output Parameter | Data type | Description in Arabic |
| message | string | Success message |
| entity\_name | string | أسم المؤسسة المسترجع من الرقم التعريفي  Name of the entity (retrieved from GNN) |
| ga\_application\_id | string | الرقم المميز للطلب  Unique tracking application ID |

### Operation Name: Bulk Tracking Submission

This endpoint is used to submit bulk tracking data for a specific service identified by its ga\_application\_id. It supports sending multiple tracking records in a single request, each representing a submitted application and its current status.

• **API URL**: POST /api/tracks

• **Request Example (JSON):**

HTTP/1.1 200 OK  
Content-Type: application/json  
  
{

"ga\_application\_id": "G-ADSRALXTIG",

"payloads": [

{

"applicant\_type": "Jordanian",

"applicant\_id": "200017466",

"application\_code": "REQ-5613",

"application\_channel": "Portal",

"status": "in progress",

"payment\_status": "not paid"

},

{

"applicant\_type": "Jordanian",

"applicant\_id": "200017466",

"application\_code": "REQ-5613",

"application\_channel": "Portal",

"status": "in progress",

"payment\_status": "not paid"

}

]

}  
API Request description for all fields :

|  |  |  |  |
| --- | --- | --- | --- |
| Input Parameter | Required | Data type | Description |
| ga\_application\_id | Yes | String | The unique application ID used to identify the related service |
| payloads | Yes | string | A list of objects, each representing an individual tracking record |
| payloads[].applicant\_type | Yes | string | Must be one of: Jordanian, Resident, Company |
| payloads[].applicant\_id | Yes | string | Applicant’s national number or unique ID (max 255 characters) |
| payloads[].application\_code | Yes | string | Must match the pattern REQ-####, e.g., REQ-5613 |
| payloads[].application\_channel | Yes | string | Must be one of: Sanad, Portal, Walk-in |
| payloads[].status | Yes | string | Must be one of: in progress, cancelled, rejected, completed |
| payloads[].payment\_status |  | array | Must be one of: paid, not paid, NA |

• **Response Example (JSON**):  
Success Response

HTTP 200 OK

{

"status": true,

"message": "Bulk tracking completed",

"inserted\_records": 2

}

API Response description for all fields:

|  |  |  |
| --- | --- | --- |
| Output Parameter | Data type | Description in Arabic |
| Status | String | Success message |
| message | String | The transaction is completed |
| inserted\_records | String | Number of inserted record |

### Operation Name: Tracking Submission

This endpoint is used to submit one tracking data for a specific service identified by its ga\_application\_id. It supports sending just one tracking records in a single request, each representing a submitted application and its current status and the request and response pay load is the same as Bulk tacking Submission API.

## **Validation Error Response**

If the submitted request contains invalid or incorrectly formatted data, the API will respond with a **422 Unprocessable Entity** status code. The response will include a detailed list of validation errors for each failed field.

### **Response Format**

#### ****HTTP Status Code****

422 Unprocessable Entity

#### ****Response Body Example****

{

"message": "The selected payloads.0.applicant\_type is invalid. (and 1 more error)",

"errors": {

"payloads.0.applicant\_type": [

"The selected payloads.0.applicant\_type is invalid."

],

"payloads.0.application\_code": [

"The payloads.0.applicationcode field format is invalid."

]

}

}

|  |  |
| --- | --- |
| Field | Meaning |
| Message | A general error message summarizing the first validation issue found. |
| Errors | An object containing individual validation error messages per field. |
| payloads.0.applicant\_type | Indicates that the applicant\_type field in the first payload is invalid. Must be one of: Jordanian, Resident, Company. |
| payloads.0.application\_code | Indicates that the application code format is invalid. It must match the format: REQ-####. |

Common Causes of Validation Errors

| **Error** | **Cause** | **Fix** |
| --- | --- | --- |
| The selected payloads.0.applicant\_type is invalid. | A value outside the allowed list (Jordanian, Resident, Company) was used | Check spelling and ensure value matches allowed list |
| The payloads.0.application\_code field format is invalid. | Value does not match the required regex: ^REQ-\d+$ | Format should be like REQ-1234 |