

Ministry of Digital Economy and Entrepreneurship

API Documentation Template



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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-AKSUVC103I"
}
```

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