

# **Ministry of Personnel, Public Grievances and Pensions**

**Department of Pension & Pensioners' Welfare** 

# Jeevan Pramaan API Specification Document

Version 1.0

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Website: <a href="https://www.nic.gov.in/">https://www.nic.gov.in/</a>

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#### 1. API Base URL:

https://ipension.nic.in/JPWrapper/

### 2. Endpoints:

Sr.No	Endpoint	Method	Description
1.	api/Auth	Post	Produce a JWT used to authenticate subsequent API calls.
2.	api/Broker/Report	Post	Fetch Pensioner Report from Jeevan Praman.

#### 3. Login / Authentication:

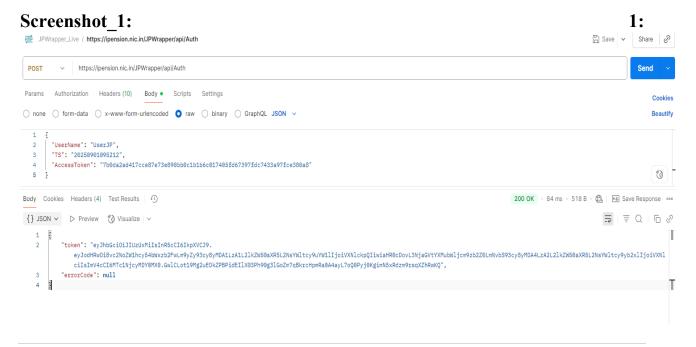
https://ipension.nic.in/JPWrapper/api/Auth

The client (such as a frontend application) sends login credentials (username, password hash, and timestamp) to the server. The server validates them and, if correct, generates a **JWT token (valid upto 5 min)**.

### **Request Fields Specifications:**

Sr.No	Field	Type	IsRequired	Remarks
1.	UserName	String	Yes	User Name
2.	TS	String	Yes	Time Stamp (valid upto 5 min)
3.	AccessToken	String	Yes	Hash of Password, TS and PwdSecretKey

Note: Username, Password, and PwdSecretKey will be shared separately via Email/SMS.



#### 3.1 Sample cURL Request:

```
curl --location 'https://ipension.nic.in/JPWrapper/api/Auth' \
--header 'Content-Type: application/json' \
--data '{
    "UserName": "UserJP",
    "TS": "20250901095212",
    "AccessToken": "7b0da2ad417cce87e73e890bb0c1b1b6c017405fd67397fdc7433a97fce380a8"
}'
```

### 3.2 Sample Response:

#### **Success Response:**

```
"token":
"eyJhbGciOiJIUzUxMiIsInR5cCI6IkpXVCJ9.eyJodHRwOi8vc2NoZW1hcy54bWxzb2FwLm9yZy93cy8yMDA1LzA1L2lkZW50aX
R5L2NsYWltcy9uYW1IIjoiVXNlckpQIiwiaHR0cDovL3NjaGVtYXMubWljcm9zb2Z0LmNvbS93cy8yMDA4LzA2L2lkZW50aXR5
L2NsYWltcy9yb2xIIjoiVXNlciIsImV4cCI6MTc1NjcyOTI3M30.UW7gPOFo7ND_05JfkQSNcKmDe3w1RLy5hffBjQ8KhJKEy8yN
rbg6zBBTYIG7W8y6wvnNQel59lb-lHgs9b_OGw",
"errorCode": null
}
Failed Response:
{
    "token": null,
    "errorCode": "BHJP103"
```

### 4. Fetch Pensioner Report:

#### https://ipension.nic.in/JPWrapper/api/Broker/Report

This endpoint provides the Pensioner Report from Jeevan Praman. The request must include a date in the format yyyy-MM-dd. The client should prepare a plain JSON object, example: { "date": "2025-08-11" }.

This plain JSON must then be AES encrypted, and the encrypted output assigned to JP Request.

Finally, the client should pass the request payload in the body along with the **JWT token** generated during login.

#### **Algorithm Specification:**

Advanced Encryption Standard (AES) for Payload Encryption.

- Cryptographic Key: 256 bits\*
- ➤ IVector : First 12 byte of cryptographic key (Secret Key)
- > Cipher Mode Operation : Galois/Counter Mode (GCM) with No Padding
- ➤ GCM Tag Length : 16 Bytes

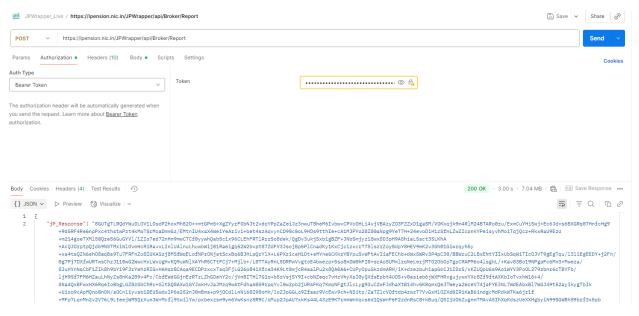
### **Encrypted Request Fields Specifications:**

Sr.No.	Field	Type	IsRequired	Remarks
1.	JP_Request	String	Yes	AES Encrypted Request Payload

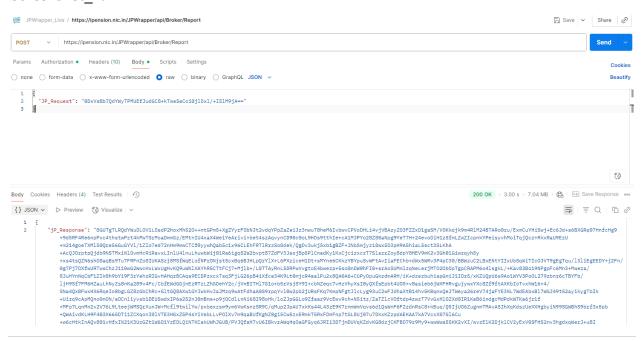
### **Plain Request Fields Specifications:**

Sr.No.	Field	Type	IsRequired	Remarks
1.	date	String	Yes	Date in format "yyyy-MM-dd"

#### **Screenshot 1:**



#### **Screenshot 2:**



#### 4.1 Sample cURL Request:

```
curl --location 'https://ipension.nic.in/JPWrapper/api/Broker/Report' \
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer
eyJhbGciOiJIUzUxMilsInR5cCl6lkpXVCJ9.eyJodHRwOi8vc2NoZW1hcy54bWxzb2FwLm9yZy93cy8yMDA1LzA1L2lkZW50aXR5L2NsYW
Itcy9uYW1IJoiVXNlckpQIiwiaHR0cDovL3NjaGVtYXMubWljcm9zb2Z0LmNvbS93cy8yMDA4LzA2L2lkZW50aXR5L2NsYWltcy9yb2xlIjoiVXNlckpQIiwiaHR0cDovL3NjaGVtYXMubWljcm9zb2Z0LmNvbS93cy8yMDA4LzA2L2lkZW50aXR5L2NsYWltcy9yb2xlIjoiVXNlckpQIiwiaHR0cDovL3NjaGVtYXMubWljcm9zb2Z0LmNvbS93cy8yMDA4LzA2L2lkZW50aXR5L2NsYWltcy9yb2xlIjoiVXNlckpQIiwiaHR0cDovL3NjaGVtYXMubWljcm9zb2Z0LmNvbS93cy8yMDA4LzA2L2lkZW50aXR5L2NsYWltcy9yb2xlIjoiVXNlckpQIiwiaHR0cDovL3NjaGVtYXMubWljcm9zb2Z0LmNvbS93cy8yMDA4LzA2L2lkZW50aXR5L2NsYWltcy9yb2xlIjoiVXNlckpQIiwiaHR0cDovL3NjaGVtYXMubWljcm9zb2Z0LmNvbS93cy8yMDA4LzA2L2lkZW50aXR5L2NsYWltcy9yb2xlIjoiVXNlckpQIiwiaHR0cDovL3NjaGVtYXMubWljcm9zb2Z0LmNvbS93cy8yMDA4LzA2L2lkZW50aXR5L2NsYWltcy9yb2xlIjoiVXNlchyPQIiwiaHR0cDovL3NjaGVtYXMubWljcm9zb2Z0LmNvbS93cy8yMDA4LzA2L2lkZW50aXR5L2NsYWltcy9yb2xlIjoiVXNlchyPQIiwiAxA2L2lkZW50aXR5L2NsYWltcy9yb2xlIjoiVXNlchyPQIiwiAxA2L2lkZW50aXR5L2NsYWltcy9yb2xlIjoiVXNlchyPQIiwiAxA2L2lkZW50aXR5L2NsYW1tcy9yb2xlIjoiVXNlchyPQIiwiAxA2L2lkZW50aXR5L2NsYW1tcy9yb2xlIjoiVXNlchyPQIIWAXA2L2lkXW50aXR5L2NsYW1tcy9yb2xlIjoiVXNlchyPQIIWAXA2L2lkXW50aXR5L2NsYW1tcy9yb2xlIjoiVXNlchyPQIIWAXA2L2lkXW50aXR5L2NsYW1tcy9yb2xlIjoiVXNlchyPQIIWAXA2L2lkXW50aXR5L2NsYW50aXR5L2NsYW1tcy9yb2xlIjoiVXNlchyPQIIWAXA2L2lkXW50aXR5L2NsYW1tcy9yb2xlIjoiVXNlchyPQIIWAXA2L2lkXW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5L2NsYW50aXR5NsYW50aXR5NsYW50aXR5NsYW50aXR5NsYW50aXR5NsYW50aXR5NsYW
BcWFc7laVxnmKhw' \
--data '{
  "JP Request": "0DxVsBb7QdYWyTPMUEfJudGC8+kTweSaCoi0jlDxl/+I5lM9jA=="
Encrypted Request
Plain Request:
  "date": "2025-08-11"
4.2 Sample Response:
 Success Encrypted Response:
 "jP_Response": "8GUTgTLRQd......1Vi17tdPrRA==",
  "errorCode": null
 Success Plain Response:
           "PPO": "11202001220608",
           "disbursing authority": "SAMPANN - Department of Telecommunications",
           "disbursing_agency": "Pr. CCA, Delhi",
           "pensioner_pin": "342008",
           "pensioner_state": "Rajasthan",
           "pensioner_district": "Jodhpur",
           "pensioner YearOfBirth": "1962",
           "pensioner_DLC_type": "P",
```

```
"type_of_pensioner": "Central Government",

"central_govt_pensioner_type": "Telecom "
},

{

"PPO": "13995CA",

"disbursing_authority": "Syama Prasad Mookerjee Port Kolkata",

"disbursing_agency": "Syama Prasad Mookerjee Port Kolkata",

"pensioner_pin": "700009",

"pensioner_state": "West Bengal",

"pensioner_district": "Kolkata",

"pensioner_YearOfBirth": "1950",

"pensioner_DLC_type": "P",

"type_of_pensioner": "Others",

"central_govt_pensioner_type": "Syama Prasad Mookerjee Port Kolkata"
}
```

**Note:** The above plain response is received from the Jeevan Praman API. After that, we will AES encrypt the response and assign the encrypted output to **jP\_Response**.

### **Failed Response:**

```
1. {
    "jP_Response": null,
    "errorCode": "BHJP110"
}
2. {
    "jP_Response": "{\"Status\":\"fail\",\"Message\":\"Data Not Found\"}",
    "errorCode": "BHJP108"
}
```

Note: In case of a failed response, the data will be returned without encryption, along with an error code.

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