



Ministry of Personnel, Public Grievances and Pensions

Department of Pension & Pensioners' Welfare

Jeevan Pramaan API Specification Document

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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.

Screenshot 1:

Screenshot_1:

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

Save Share

POSThttps://ipension.nic.in/JPWrapper/api/AuthSend

ParamsAuthorizationHeaders (10)BodyScriptsSettings

noneform-datax-www-form-urlencodedorawbinaryGraphQLJSON

```
1{
2  "UserName": "UserJP",
3  "TS": "28258981095212",
4  "AccessToken": "7b8da2ad417cce87e73e896bb8c1b1b6c817485fd67397fdc7433a97fce388aa"
5}
```

BodyCookiesHeaders (4)Test ResultsVisualize

200 OK · 84 ms · 518 B Save Response

{ JSONPreviewVisualize

```
1{
2  "token": "eyJhbGciOiJIUzUxMiIsInR5cCI6IkpXVCJ9.
    eyJodHRwOi8vc2NoZWZlcmVudm9yYzY3cy8yMDA1LzAxMjktZW50eXR5L2NsYWltcy9vbmllIjoiaWVXN1kpcKQiwiaHR0cDovLnNjaGVtYXBkbWljcm9zb2Z8LmVubS93cy8yMDA4LzAzMjktZW50eXR5L2NsYWltcy9yb2xlIjoiaWVXN1
    ciIsImV4cCI6MTctMTIjcDYMYXM0X8.GwlCLot19mg2UEOkZPBPIdeE1IX83Ph9g3LGoZm7oBkrckHpmRa8A4ayL7oQBPy8Kgimh5xrBdmrnsrqZhRwkQ",
3  "errorCode": null
4}
```

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.eyJodHRwOi8vc2NoZW1hcy54bWxzb2FwLm9yZy93cy8yMDA1LzA1L2lkZW50aXR5L2NsYWltcy9uYW1lIjoiVXNlckpQliwiaHR0cDovL3NjaGVtYXMubWljcm9zb2Z0LmNvbS93cy8yMDA4LzA2L2lkZW50aXR5L2NsYWltcy9yb2x1IjoIImV4cCI6MTc1NjcyOTI3M30.UW7gPOFo7ND_05JfkQSNcKmDe3w1RLy5hffBjQ8KhJKEy8yNrbg6zBBTYIG7W8y6wvnNQel59Ib-IHgs9b_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:

The screenshot shows a REST client interface with the following details:

- URL:** https://ipension.nic.in/JPWrapper/api/Broker/Report
- Method:** POST
- Headers:** Authorization (Bearer Token), Headers (10)
- Body:** JSON object with a single field "JP_Response" containing a long base64-encoded string.
- Status:** 200 OK
- Response Time:** 3.00 s
- Response Size:** 7.04 MB

Screenshot_2:

The screenshot shows a REST client interface with the following details:

- URL:** https://ipension.nic.in/JPWrapper/api/Broker/Report
- Method:** POST
- Headers:** Authorization (Bearer Token), Headers (10)
- Body:** JSON object with a single field "JP_Request" containing a long base64-encoded string.
- Status:** 200 OK
- Response Time:** 3.00 s
- Response Size:** 7.04 MB

4.1 Sample cURL Request:

```
curl --location 'https://ipension.nic.in/JPWrapper/api/Broker/Report' \
--header 'Content-Type: application/json' \
--header 'Authorization: Bearer
eyJhbGciOiJIUzUxMiIsInR5cCI6IkpXVCJ9.eyJodHRwOi8vc2NoZWl1cy54bWxzZDZwLm9yZy93cy8yMDA1LzA1L2lkZW50aXR5L2NsYW
ltcy9uYW11IjoiVXNlckpQIiwiaHR0cDovL3NjaGVtYXMuYm93ZDZ0LmNvbS93cy8yMDA4LzA2L2lkZW50aXR5L2NsYWltcy9yb2xlIjoi
VXNlciIsImV4cCI6MTc1NjgwNTkyNn0._vZR2PY4fkOX1WeTseh4ARSZBnACI3tuwKe2CM27MShhuseI81N2wH8fLAOExM_ZsWKxmOR
BcWfC7laVxnmKhwh' \
--data '{
  "JP_Request": "0DxVsBb7QdYWyTPMUEfJudGC8+kTweSaCoi0jIDxl/+I51M9jA=="
}
```

Encrypted Request

```
{
  "JP_Request": "0DxVsBb7QdYWyjHTVVLUs8yB9+kTU+ebYx83Q9Sk/hlNOxfHjw=="
}
```

Plain Request:

```
{
  "date": "2025-08-11"
}
```

4.2 Sample Response:

Success Encrypted Response:

```
{
  "jP_Response": "8GUTgTLRQd.....lVi17tdPrRA==",
  "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.

-----End of Document-----