nphies

BENEFICIARY DISCOVERY INSURANCE (HIDP)

V1.0

27th of February 2022

Version 1.0

Table of Contents

Purpose: 3
Use case: 3
Error Codes: 4
The API: 4
NPHIES environments: 5
HIDP Response Samples: 5

Purpose:

A CHI mandate introduced in January 2020 prohibited Healthcare Providers (HCPs) from requesting health insurance policy details or those of the Health Insurance Company that has issued the policy.

Instead, HCPs were instructed to only use the national identifiers (Saudi national id number (NIN) or Iqama number) to determine the insurer and insurer information using a service on CHI website to find the insurer and policy details.

This document describes the process to retrieve such details.

Use case:

As an HCP is directly integrated with nphies, the HCP processor (Eligibility, Authorization, Claim) can inquire patient's insurance details by submitting patient's ID number (National ID or Iqama) from HCP's HIS.

As a result, details of active policies of the patient will be provided to HCP processor; to proceed with financial transaction submission.

Please refer to the table below to learn more about the details of the policy(ies) that will be available to the HCP.

Table 1 Request Message Data Fields

#	Data Field	Description	Length / Format
1	PatientKey	Saudi NIN or Iqama number. The value is same as the input to API	10 digits

Table 2 Response Message Data Fields

#	Data Field	Description	Length / Format
1	PolicyNumber	Beneficiary Policy Number	250 digits
2	InsuranceCompanyName	Insurance Company Name in English	250 characters
3	InsuranceCompanyNameAr	Insurance Company Name in Arabic	250 characters
4	ClassName	Class Name	50 characters
5	Gender	Beneficiary Gender	"Male" or "Female"
6	DeductibleRate	Beneficiary Deductible / Copay percentage	10 digits
7	MaxLimit	Maximum amount chargeable to beneficiary	10 digits
8	BeneficiaryType	Beneficiary Member Type	"Main" or "Dependent"
9	BeneficiaryTypeId	Beneficiary Member Type Id,	1 digit
10	BeneficiaryNumber	Beneficiary Number	50 digits
11	IdentityNumber	Saudi NIN or Iqama number. The value is same as the input to API	10 digits
12	BeneficiaryName	Name of the Beneficiary in English	250 characters
13	InceptionDate	Policy inception date	DD-MM-YYYY
14	PolicyHolder	Policy Holder	250 digits
15	InsurancePolicyExpiryDate	Insurance Policy Expiry Date	DD-MM-YYYY

Error Codes:

Table 2 Error Codes Details

Error Code From API	Error Code Description	Mapped Description
101	Key is required	nphies could not retrieve the requested information, please try again later or contact your account manager
102	Identity number should be 10 digits	Identity number should be 10 digits
103	Identity number should contain only numbers	Identity number should contain only numbers
104	Undefined system type	nphies could not retrieve the requested information, please try again later or contact your account manager
105	No record found	No record found
106	System type is required	nphies could not retrieve the requested information, please try again later or contact your account manager
107	System type should contain only numbers	
108	Invalid Authorization Header	
109	Invalid Header	
110	Invalid Header Token	
111	Invalid Header Token - Timeout Exception	
112	error reading authentication header	

The API:

URL Format : https://URL/API-Name?Search_Parameter

#	Parameter	Details
1	Protocol	REST
2	Type	GET
3	API Name	HIDP
4	Search Key	PatientKey
5	Search Value	Saudi IQMA / NIN value

Example: https://hsb.nphies.sa/hidp?PatientKey=0123456789

NPHIES environments:

#	Environment	API Reference
1	Production	https://hsb.nphies.sa/hidp
2	OBA	http://176.105.150.83:9012/hidp

HIDP Response Samples:

Scenario 1: Beneficiary with multiple (two) insurance policies


```
{
  "TransactionName": "3ed3b0ef-e2f8-4de3-ad2c-6eb470c16fa2",
  "ApiStatus": "Success",
  "ErrorCode": null,
  "ErrorDescription": null,
  "Insurance": [
    {
      "PolicyNumber": "19123472",
      "InsuranceCompanyName": "Saudi National Insurance ",
      "InsuranceCompanyNameAr": "الشركة للتأمين",
      "ClassName": "VVIP",
      "Gender": "Male",
      "DeductibleRate": "0",
      "MaxLimit": "100",
      "BeneficiaryType": "Dependent",
      "BeneficiaryTypeId": "2",
      "BeneficiaryNumber": "001066509223000",
      "IdentityNumber": "5555500005",
      "BeneficiaryName": "Test - Iliyas Pasha",
      "InceptionDate": "07-01-2021",
      "PolicyHolder": "Saudi Tadawul Group",
      "InsurancePolicyExpiryDate": "2022-08-09"
    },
    {
      "PolicyNumber": "19541234",
      "InsuranceCompanyName": "Saudi National Insurance ",
      "InsuranceCompanyNameAr": "  الشركة للتأمين",
      "ClassName": "BC/A",
      "Gender": "Male",
```

```
        "DeductibleRate": "20",
        "MaxLimit": "0",
        "BeneficiaryType": "Dependent",
        "BeneficiaryTypeId": "2",
        "BeneficiaryNumber": "001066509132101",
        "IdentityNumber": "1110101111",
        "BeneficiaryName": "Test - Iliyas Pasha",
        "InceptionDate": "01-03-2020",
        "PolicyHolder": "State Properties General Authority",
        "InsurancePolicyExpiryDate": "2022-09-28"
      }
   ]
}
```


Scenario 2: Invalid identity value used


```
{
            "TransactionName": "18f735cc-bb43-496e-9236-ef28951b31ae",
            "ApiStatus": "Fail",
            "ErrorCode": "102",
            "ErrorDescription": "Identity number should be 10 digits",
            "Insurance": null
}
```