NEW SERVICE

IDR Data-as-a-Service (DaaS) APIs for Medicare Part A & B Claims Data

What you need to get started

CHECK IT OUT

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USING IDR DaaS APIs

Follow the steps to engage the DaaS APIs team so that you can pull the data you need to fulfill your mission.

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Consumer Example

Read an example of a consumer group that is successfully using DaaS APIs to pull Medicare Part A & B beneficiary and claims data for the Office of Hearings and Inquiries.

Facilitate Data Sharing

The IDR DaaS team has developed APIs (application programming interfaces) you can use to access claim, provider, and beneficiary information stored in the Integrated Data Repository (IDR). We have endpoints targeting National Claims History (NCH) claims data for Medicare Parts A and B.

IDR DaaS APIs can help you capture the NCH claims data your program frequently needs for Parts A & B without extracting or replicating the data.

SUPER FAST RESULTS
Synchronous Process

The APIs are RESTful and they leverage the capabilities and security of Amazon API Gateway.

Data is returned in JSON format with an immediate response for every request averaging 5-15 seconds depending on the size of the request.

GREAT FOR FREQUENT NEEDS
Targeted Data Sets

The APIs provide small amounts of data at a time with a 50-record limit on the number of rows returned in each page.

This makes it an ideal tool for applications that frequently need targeted pieces of data.

INTEGRATED DATA REPOSITORY IDR

Visit the IDRC Communications > IDR DaaS API page

USING IDR DaaS APIs

When you're ready to begin using IDR DaaS APIs, follow these steps to request access, set up the environment, and make the necessary API calls. If you need assistance with any of the steps, please reach out to us.

1

REQUEST ACCESS

Create a Jira ticket to set up an account with IDR DaaS for your program/application. You need:

A. an application **contact email**, to be your user ID;

B. a **justification for access** to the IDR and IDR DaaS; and

C. the **name and phone number** of your team's representative.

See the **IDR DaaS Onboarding** page for more information.

2

SET UP THE ENVIRONMENT

To use IDR DaaS APIs, you need a CMS Cloud AWS environment and VPC from which to make API requests.

You also need to install the IDR DaaS certificate chain for all environments you are targeting.

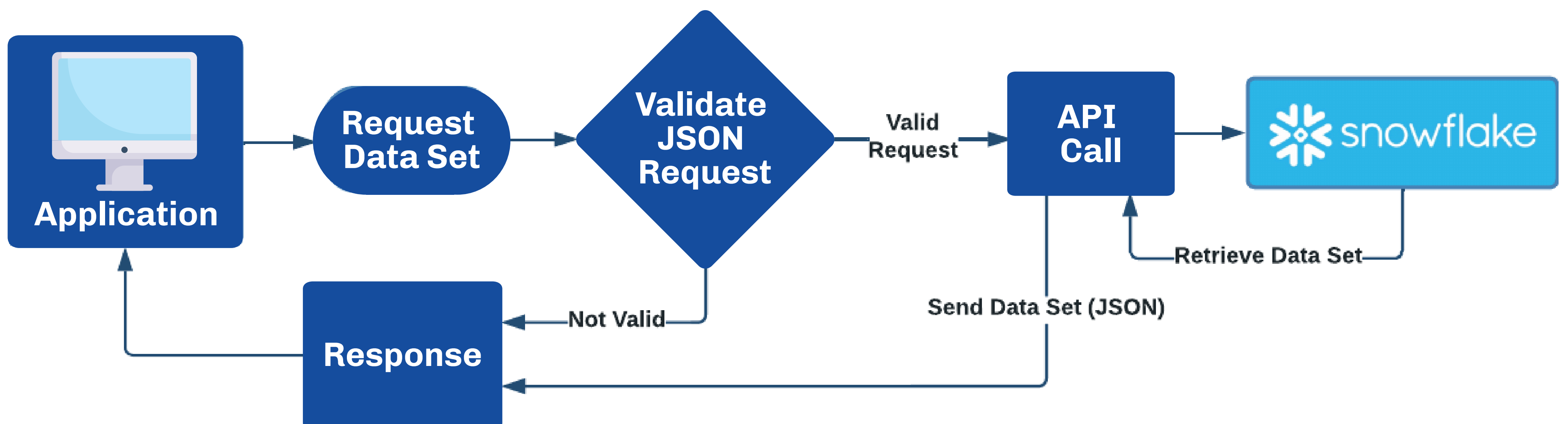**To test requests to the API,** you need a Cloud VPN connection and API testing software, such as Postman.

3

MAKE API CALLS

After you have received access and credentials and have installed the necessary components described in Step 2, you can **make API requests by sending GET requests** to the endpoint URLs.

IDR DaaS Process Flow

Process flow: Application → Request Data Set → Validate JSON Request. If Valid Request → API Call → snowflake. snowflake → Retrieve Data Set → API Call → Send Data Set (JSON) → Response → Application. If Not Valid → Response → Application.

ELMO SYSTEM USES DaaS APIs

The Eligibility Enrollment Medicare Online (ELMO) case management system provides Part A and Part B beneficiary and claims data to support the Office of Hearings and Inquiries. ELMO uses IDR DaaS APIs to populate a custom user view in its application to review claims eligibility and payments.

ELMO makes API calls for claims data in three different ways: by beneficiary, claim number, or provider.

1 CLAIMS BY BENEFICIARY

When a beneficiary is selected in the ELMO case management system, the APIs return the beneficiary's claim records.

2 CLAIMS BY CLAIM NUMBER

When a claim number is selected in the ELMO case management system, the APIs return specific claim data, including a breakdown of:

- Diagnosis codes
- Billing codes
- Patient payment
- Provider payment
- Medicare payment
- Cash deductible
- Coinsurance
- Patient Responsibility

3 CLAIMS BY PROVIDER

The IDR DaaS API provides the ability to query claims or claim lines for a billing provider's National Provider ID (NPI).