Third-Party Application Owner User Guide for Use of AllyConnectApp

OVERVIEW

Developer-friendly and secure standards-based application programming interfaces (APIs) that enable third-party application vendors to connect their applications and access Medicare Advantage data.

Interoperability and Patient Access final rule (CMS-9115-F) and the Office of the National Coordinator for Health Information Technology's (ONC's) 21st Century Cures Act final rule (45 CFR 170.213 and 170.215) support a patient's control of their health care and secure access to their electronic health records through smartphones and modern third-party software applications ("apps"). Patients will be able to use "apps" of their choice and with consent, authorize and allow the "apps" to request and receive data from their Payer.

In support of the final rules, AllyAlign Health has created the Interoperability APIs (AllyConnectApp).   AllyConnectApp enables client Medicare Advantage members to use "apps" of their choice to access their data. It also allows "apps" to connect to provider and pharmacy directories, further referred to as "public non-member specific data."

AllyConnectApp --

- Allows third-party application owners and/or developers to connect to Plan provider directory, including pharmacies (non-member specific data)
- Enables third-party application owners and/or developers to register their member-facing applications where members will provide consent for the application to access their data
- Uses HL7 FHIR (Fast HealthCare Interoperability Resources) framework for member data
- Uses OAuth 2.0 compatibility standard for member authorization

REGISTRATION

Public Access API

There is no registration required for the public access API (provider directory, including pharmacies).

Patient Access API

Developers should register using the Request Access form here to use the patient access API.

API PERMISSIONS AND SCOPES

Access tokens have scopes (define permissions and resources that the token can access). Scopes are utilized to determine the type of data an application is requesting. They [Scopes] must be explicitly declared, and wildcards are not supported.

Note: Any Scope not currently listed is not supported

Public Access (Provider Directory)

```
user/Practitioner.read
user/PractitionerRole.read
user/Organization.read
user/Location.read
user/Endpoint.read
```

Patient Access

```
patient/Patient.read
patient/ExplanationOfBenefit.read
patient/Coverage read
patient/Immunization.read
patient/Encounter.read
patient/Procedure.read
user/Medication.read
user/MedicationDispense.read
user/MedicationKnowledge.read
```

3rd party application will need to handle the return of HTTP Status Codes from endpoints if there are authorization/configuration errors.

DEVELOPER GUIDELINES

Terms of Service and Privacy Policy

Developers will be asked to provide a URL to your application's privacy policy and terms of service when registering your app with AllyConnectApp. These links should be accessible and easy to understand by a beneficiary using your app.

Member revoke consent (access)

A beneficiary may revoke consent in your application to access their data. When you encounter an invalid token indicating a beneficiary has revoked consent (access), you should make a reasonable attempt to handle that case making it easy for the beneficiary to understand what is happening with their Medicare data.

URL Protocol for Sandbox

- GET [base]/[Resource-type]/[id] {parameters}
- GET – HTTP Request of retrieving information
- Base – AllyAlign Interoperability APIs will utilize:
    - https:// AAHProviderAPI-sandbox.allyalign.com (Provider Directory)
    - https:// AAHPatientAPI-sandbox.allyalign.com (Patient)
- Resource-type - Users can specify the specific resource type they wish to query (i.e. Coverage, Immunization)
- [id] parameters – The specific type of querying (such as patient, type, id)

URL Resources for Sandbox

Public Access (Provider Directory)

Resource Name: Practitioner

Resource Specification: Da Vacci IG

Resource Description: A person who is directly or indirectly involved in the provisioning of healthcare.

Request Method: GET AAHProviderAPI-sandbox.allyalign.com/fhir/Practitioner/{PractitionerNPI}

Resource Name: PractitionerRole

Resource Specification: Da Vacci IG

Resource Description: Provides details about a provider, which can be a practitioner or an organization.

Request Method: GET AAHProviderAPI-sandbox.allyalign.com/fhir/PractitionerRole/practitionerNPI&specialty&location

Resource Name: Organization

Resource Specification: Da Vacci IG

Resource Description: A formal or informal grouping of people or organizations with a common purpose, such as a company, institution, corporation, community group, or healthcare practice.

Request Method: GET AAHProviderAPI-sandbox.allyalign.com/fhir/Organization/{OrganizationID}

Resource Name: Location

Resource Specification: Da Vacci IG

Resource Description: The physical place where healthcare services are provided, practitioners are employed, organizations are based, etc.

Request Method: GET AAHProviderAPI-sandbox.allyalign.com/fhir/Location/[LocationID]

Resource Name: Endpoint

Resource Specification: Da Vacci IG

Resource Description: The technical details of an endpoint that can be used for electronic services.

Request Method: GET AAHProviderAPI-sandbox.allyalign.com/fhir/Endpoint/{PlanID}

Patient Access

Resource Name: Patient

Resource Specification: CARIN IG

Resource Description: Provides demographics and other administrative information about an individual.

Request Method: GET https://AAHPatientAPI-sandbox.allyalign.com/fhir/Patient/{MemberID}

Resource Name: Explanation of Benefit (Carrier, DME, HHA, Hospice, SNF, PDE, Inpatient, Outpatient)

Resource Specification: CARIN IG

Resource Description: Provides the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits they received.

Request Method: GET AAHPatientAPI-sandbox.allyalign.com/fhir/ExplanationOfBenefit/?patient={MemberID}&type={claimType}

Resource Name: Coverage

Resource Specification: CARIN IG

Resource Description: Provides the coverage data that was effective as of the date of service of the claim.

Request Method: GET AAHPatientAPI-sandbox.allyalign.com/fhir/Coverage/?beneficiary=MemberID

Resource Name: Immunization

Resource Specification: Da Vacci IG

Resource Description: Data that reflects a patient's immunization history

Request Method: GET AAHPatientAPI-sandbox.allyalign.com/fhir/Immunization/{memberID}

Resource Name: Encounter

Resource Specification: Da Vacci IG

Resource Description: An interaction between a patient and healthcare provider(s) for the purpose of providing healthcare service(s) or assessing the health status of a patient.

Request Method: GET AAHProviderAPI-sandbox.allyalign.com/fhir/Encounter/{memberID}

Resource Name: Procedure

Resource Specification: Da Vacci IG

Resource Description: Data that reflects an activity that is performed with or on a patient as part of the provision of care.

Request Method: GET AAHPatientAPI-sandbox.allyalign.com/fhir/Procedure/{id}

Resource Name: Medication

Resource Specification: Da Vacci IG

Resource Description: The technical details of an endpoint that can be used for electronic services.

Request Method: GET AAHPatientAPI-sandbox.allyalign.com/fhir/Medication/{PlanID}

Resource Name: MedicationDispense

Resource Specification: Da Vacci IG

Resource Description: Indicates that a medication product is to be or has been dispensed for a named person/patient.

Request Method: GET AAHPatientAPI-sandbox.allyalign.com /fhir/MedicationDispense/{GENERIC_PROD_ID}

Resource Name: MedicationKnowledge

Resource Specification: Da Vacci IG

Resource Description: Information about a medication that is used to support knowledge.Request Method: GET AAHPatientAPI-sandbox.allyalign.com /fhir/MedicationKnowledge/{GENERIC_PROD_ID}

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REFERENCES

- CMS FAQs *Interoperability and Patient Access Final Rule FAQ Document_MASTER OGC OCR CMCS CPI (cms.gov)*