

2020-08 CARIN Consumer Directed Payer Data Exchange (CARIN IG For Blue Button®)

Track Announcements and Schedule

Balloted IG (STU1): <http://hl7.org/fhir/us/carin-bb/2020Feb>

CI Build IG (STU1 0.3.1): <https://build.fhir.org/ig/HL7/carin-bb/index.html>

Track Orientation: <https://confluence.hl7.org/pages/viewpage.action?pageId=91981728>

Participant Tracker: <https://bit.ly/CARIN-API-Event>

Latest (Interim) IG Materials: <https://confluence.hl7.org/pages/viewpage.action?pageId=91983189>

Track Report Out: <https://confluence.hl7.org/display/CAR/CARIN+IG+for+BB+Track+Implementathon+Report+Out>

Wednesday August 19

- 11:30 AM ET - 3:30 PM ET: **Testing**
- 11:30 AM ET: **Check-In** [Mark Roberts Amol Vyas](#)
 - General housekeeping
 - Track Material Review
- 12:00 PM ET - 1:00 PM ET: Ask the IG Leads Anything - [Patricia Taylor Amol Vyas](#)
 - Address Q/A from yesterday's CARIN BB overview session
 - Other
- 1:15 PM ET - 1:45 PM ET: Google Cloud Healthcare CARIN FHIR APIs - [Dharmesh Patel](#)
- 1:45 PM ET - 2:15 PM ET: OnyxHealth SaFHIR Demo - [Aaron Seib Michael Cox](#)
- 2:15 PM ET - 2:30 PM ET: CARIN BB CPCDS Test/Synthetic Data [Benjamin Langley](#)
- 2:30 PM ET: Track Report Out - [Mark Roberts Amol Vyas](#)
- 3:30 PM ET - 4:45 PM ET: Implementathon Wrap-Up

Track overview

Short Description

Real-world testing of the CARIN Consumer Directed Payer Data Exchange (CARIN IG For Blue Button®)

Long Description

The [CARIN Alliance Health Plan Workgroup](#) was organized to develop a FHIR-based API that could be sent to a consumer-facing application and was designed to answer the challenge for health plans to 'meet or exceed' the [CMS Medicare Blue Button 2.0](#) capabilities. The CMS Medicare Blue Button 2.0 project provides over 53 million Medicare fee-for-service beneficiaries access to their electronic claims information.

The [CARIN Consumer Directed Payer Data Exchange Implementation Guide \(CARIN IG For Blue Button®\)](#) was balloted in December for STU and comments are currently being addressed and resolved. Updates to the IG are being made to the [continuous build](#) once voted on and approved by the HL7 Financial Management Work Group.

The objectives of this track are:

- Test and gather feedback on the Implementation Guide
- Identify gaps or errors

Type

- Test an Implementation Guide

Submitting Work Group/Project/Accelerator/Affiliate/Implementer Group

Financial Management WG

Proposed Track Lead

Amol Vyas - amol.vyas@cambiahealth.com (zulip)

Mark Roberts (co-lead) - mark.roberts@leavittpartners.com (zulip)

Related tracks

The target audience for CDPDE API development will include payer organizations who may also be involved in the various DaVinci Tracks at the Connectathon.

FHIR Version

- FHIR R4

Specification(s) this track uses

CARIN Consumer Directed Payer Data Exchange (CDPDE) IG ([PSS](#), [STU1](#), [CI](#))

Artifacts of focus

[\(Interim\) IG Materials](#)

Expected participants

<https://bit.ly/CARIN-API-Event>

Zulip stream

[Zulip stream](#)

Track Orientation

[Track Orientation](#)

Track details

System Roles

Role 1 Sandbox API Server

Role 2 Sandbox API Client

Scenarios

Scenario: Sandbox user retrieves EOBs from the Sandbox server using the Client

Action: Sandbox user receives the access and refresh tokens from the Sandbox server and calls the EOB endpoint

Precondition: Sandbox user is logged into the Client

Success Criteria: The client retrieves the user's EOBs and renders them on the UI

Bonus point #1: On expiration of the access token, the app uses the refresh token to get new access and refresh tokens

Bonus point #2: The Server exposes search criteria (link) for selecting the EOBs and the client uses search parameters to select and retrieve the EOBs.

Bonus point #3: For a Server supporting `_include`, the resource instance included in the search response should match the instance from a separate `read`/`read` on that resource's reference.

TestScript(s)

TBD

Security and Privacy Considerations

As per the guidance in the IG.

Reference Materials

- Hosted Reference implementations - [David Hill](#) (MITRE)
 - Reference Server: <http://ec2-3-17-26-132.us-east-2.compute.amazonaws.com:8080/cpcds-server/fhir/>
 - Simple Reference OAuth server: <http://ec2-3-23-131-14.us-east-2.compute.amazonaws.com:8180/>
 - Reference Client: <https://cpcds-client-ri.herokuapp.com/>
- Reference Implementation Code (with Docker containers) - [David Hill](#) (MITRE)
 - Server: <https://github.com/carin-alliance/cpcds-server-ri>
 - Sample Data: <https://github.com/carin-alliance/cpcds-auth-server>
 - Client: <https://github.com/carin-alliance/cpcds-client-ri>
- CPCDS CSV to CARIN FHIR EOB Converter - [Sam Schiffman](#)
 - <https://github.com/DiameterHealth/cpcds-converter>