Bulk Data Connectathon Report

Overview

Providers and organizations accountable for managing the health of populations can efficiently access to large volumes of information on a specified group of individuals without having to access one record at a time. This population-level access would enable these stakeholders to: assess the value of the care provided, conduct population analyses, identify at-risk populations, and track progress on quality improvement.

Participants

CareEvolution, Cerner, Epic, SMART, TriNetX, T-System, CMS

Achievements

Two clients connected to three servers using our authorization specification, exporting at the Group level.

Discovered issues:

- Content-Location header: was not clear if this was absolute or relative
  - now fixed to be an absolute URI
- Key lookup algorithm incorrectly expected "alg" claim to be present
  - now matching on kty (not alg) when validating signatures
- Sequence diagram was missing JWT claims
Now fixed
- Spec examples were using the wrong signature algorithm
  - Updated calculations in example ipynb and inline examples

Next up

External security evaluation; wrap up content for early 2019 hand-off to HL7. Follow up with work to develop guidance for finding/creating groups.