Commonwell Health Alliance – Review

- Organization: Comonwell Health Alliance
- Web page: https://www.commonwellalliance.org/
- Industry: HIT Message Network/Broker
- Relevance: One of the two major networks deployed and used by EMR vendors. Existing framework and infrastructure to support widespread connections and increasing adoption. A very large XCA network with value added services and brokering capabilities.
- Discovery Method: Existing knowledge, specification review, online
- Services:
  - Described services:
    - Person Enrollment
    - Record Location
    - Patient Identification and Linking
    - Data Query and Retrieval
  - Brokering services – document and image query/retrieval
- Trust Framework – couldn't find anything specified but they are in essence a trust framework as it requires organization attestation, a common security model and a centrally organized revocation.
- Organization and Endpoint Registration: details are internal, don't have much information.
- Standards Supported:
  - IHE Profiles
    - PIX
    - XCA/XDS.b (as broker)
    - XUA
  - REST (FHIR)
    - Based on v0.08
    - Multiple resources
    - Patient identity service, person enrollment, document query and retrieve
    - Broker requests using a single orgid.
    - https://rest.api.commonwellalliance.org/v1/org/{orgId}/patientFeed
- Potential Synergy:
  - Directory services
    - Feed into the directory services
    - Possible host in a federated model
    - CHA has existing endpoint knowledge due to its large scale brokering services
  - Potential to perform some clearinghouse activities such as transformation (not sure if they're doing this already, seemed like they were with patient registration).
  - FHIR
  - Identity services and attestation
  - Auditing services
- Outstanding Discovery:
  - Review synergies with CHA rep
  - Review use case synergy
  - Obtain further documentation