**CARIN Virtual Connectathon 3 – April 14th-15th  
SMART Health Cards Track**

**Summary**

* Testing reference implementations of the SMART Health Cards framework, with participants acting in Issuer and Holder roles.

**Participants**

|  |  |
| --- | --- |
| Cerner | Videnity |
| Safe Health | EMR Direct |
| MITRE | MaxMD |
| Microsoft | Anthem Health |
| OneRecord | Evernorth |
| Meditech | WellUp Health |
| Humetrix | Health Wizz |
| Greenroom Technologies | ibLaunch Company |
| b.Well Connected Health |  |
| OneRecord |  |
| FHIR FLY |  |
| PatientLink/MyLinks |  |
| Symptomatic |  |

**Notable Achievements**

* The following organizations were able to interact with the c19.cards reference implementation:
  + Safe Health
  + b.Well
* The following organizations were able to receive a SHC from Cerner’s ‘Issuer’ reference implementation:
  + Safe Health
  + Symptomatic
  + ibLaunch
  + b.Well
* The following organizations were able to receive a SHC from Videntity’s ‘Issuer’ reference implementation:
  + Safe Health
* The following organizations were able to receive a SHC from EMR Direct’s ‘Issuer’ reference implementation:
  + Safe Health
* The following organizations were able to decode and decompress the SHC from its signed JWT form:
  + Symptomatic
  + Safe Health
  + ibLaunch
  + b.Well
* The following organizations were able to present the SHC in either human-readable or QR form:
  + Symptomatic
  + Safe Health
  + b.Well

**Discovered Issues**

* Some initial issues connecting to the servers.

**Next Steps**

* Continue to use Zulip stream to connect. It will be renamed post-event, but URLs should still work.
* Cerner will keep sandbox endpoints open post Connectathon.

**Reference Links**

* Helpful resources shared during the event, listed in no particular order.
* Track Registration: <https://confluence.hl7.org/display/CAR/Track+Registration+SMART+Health+Card>
* Track Page: <https://confluence.hl7.org/display/CAR/Track+Page+for+the+SMART+Health+Card>
* Zulip channel for the Track can be found here: <https://chat.fhir.org/#narrow/stream/284830-CARIN-April.20'21.20Connectathon.20-.20SHC.20-.20.20Track>
* SMART Health Cards Vocab: <https://smarthealth.cards/vocabulary/>
* SHC: Vaccination and Testing IG: <http://build.fhir.org/ig/dvci/vaccine-credential-ig/branches/main/>
* Vaccine Credential – Must Support: <http://build.fhir.org/ig/dvci/vaccine-credential-ig/branches/main/StructureDefinition-vaccination-credential-immunization-dm.html>
* SHC Spec on ‘.well-know/jwks endpoint’: <https://smarthealth.cards/#which-issuers-can-participate>
* SHC spec on ‘Issuer keys’: <https://smarthealth.cards/#determining-keys-associated-with-an-issuer>
* SHC Security FAQ: <https://raw.githubusercontent.com/smart-on-fhir/health-cards/main/FAQ/security.md>
* HL7 May Connectathon Info: <https://www.hl7.org/events/fhir/connectathon/2021/05/>
* HL7 May Connectathon SHC Track: <https://confluence.hl7.org/display/PHWG/SMART+Health+Card+-+Vaccination+Credential+IG>
* Cerner’s SHC Getting Started Guide: <https://github.com/joeratt/connectathon_notes/blob/april_2021-health_cards/health_cards/Cerner%20SMART%20Health%20Cards%20-%20Proof%20of%20Concept%20-%20Integration%20Notes.md>
* Cerner’s App Registration Page: <https://code.cerner.com/submit>
* HL7 Patient Empowerment Page: <https://confluence.hl7.org/display/PE/>
* HL7 Patient Empowerment Home: <https://confluence.hl7.org/display/PE/Patient+Empowerment+Home>