Cross-jurisdictional IIS Data Exchange

Update on current pilots

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Agenda

- Basic facts, background and terms
- A look at the process
  - Hub Development
  - IIS Changes
  - Legal – DUA and MOU
  - Digital Certificates
- The status of the states
- Discussion
Use Case Objective: For an Immunization Information System (IIS) to respond to a transaction that contains current or historical addresses that are outside its jurisdiction by triggering a QBP or VXU to the other jurisdiction’s IIS.
General Hub Information

- Hub Development completed in Year 1 with updates to security and extensibility in later years
- The “Hub” is hosted by the Association of Public Health Laboratories (APHL)
- The hub is hosted on Amazon Web Services in a secure cloud environment
- The Hub subject to an annual audit including penetration testing (simulated attack)
- The hub is running in a test and production state
IIS Changes

• Upgrades to release 1.5 of Implementation Guide
• Triggers based on address
• Ability to generate a query
Legal – DUA, DSA, and MOU

• Data Use Agreement (DUA) – The agreement between a state and APHL
• Data Sharing Agreement (DSA) - The agreement between two states
• ASTHO – Cross-Jurisdictional sharing of IIS data
  » Could replace the DSA
  » An effort to create a “trust network” with a common MOU
Digital Certificates

• Prove who you are
• Provide a “public key” that others use to encrypt data they are sending to you
Project Entry Criteria

- Legal agreements in place/no legal barriers
- The IIS has a test and production environment available
- Leadership buy-in
### Status

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| DC     | • Preparing to migrate interface engine (for inbound VXU)  
• Preparing to analyze interfaces and legal agreements (Ezra team)  
• DC certificate coming up for renewal  
• Next step: Renew certificates. DC DOH Immunization program leadership to re-engage, meet with ONC,  
• and move forward on legal agreements. |
| Maryland | • MD has drafted MOU approved by Attorney General (AG)  
• HL7 1.5 code release and testing initiated though limited to outbound until follow-up releases are completed/deployed  
• Next step(s): Deploy HL7 1.5 release, complete testing, establish data sharing agreement with partner state,  
• move to production |
| West Virginia | • WV engagement limited  
• ASTHO-AIRA MOU under consideration for adoption  
• Next step: Draft MD ASTHO-AIRA MOU template sent Tim to pick project back up |
| Envision (Philly and Delaware) | • Envision installing certificates for DE and Philly domains and administering server in cloud  
• DE and Philly requested certificates and added as HCOs to DigiCert portal  
• Delaware certs issues, waiting for Philly and EnvisionPhilly waiting for Digicert cert to be approved by OIT and domain validated to receive requested certificate  
• Next step(s): Philly OIT to approve DigiCert certificate. Envision to Install certificates for DE and Philadelphia. |
## Status

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| Mississippi  | • MS immunization proposal approved by state governing board on 12/15/16 for STC cloud  
• Certificate requested/account registered (cert request pending CSR)  
• Cloud transition in progress and completion expected Q3, August go-live  
• Next step: Certificate installation and hub connection (once move to cloud is complete) |
| Louisiana    | • Waiting on GSA/CDC federal contract approval to for IIS move to cloud.  
• Quan exploring alternatives due to prolonged delay in approval (since 2016)  
• Next step: TBD |
| Washington   | • WA requested to suspend work in March 2017 to address other priorities and would like to resume pilot work later this year  
• Certificate request and installation may resume FY18 |
| Oregon       | • Oregon signed updated APHL DUA and expected to exchange with WA  
• Working with legal and Washington on MOU update  
• Exploring exchange with other states  
• Next step(s): Dependent on whether WA resumes pilot work |
Questions

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