Updates

- IIS Interoperability Testing Update – Nathan Bunker
  - Most IIS have joined the project
    - 36: Directly connected to today
    - 7: Manually completed Phase 1, no real-time interface available
    - 4: AIRA has credentials, working to connect
    - 1: AIRA waiting for credentials to be sent
  - We are currently working to:
    - Finish connecting to IIS
    - Test and improve the automated testing process
    - Review and analyze preliminary testing reports
  - What has been completed:
    - IIS guides have been documented in the automated testing system
    - Guidance on acknowledgement message released
- There was no SISC Update since the December meeting was cancelled due to scheduling conflicts.
  - Next joint call however is Dec 16th at 1pm EST.

Training Topics:

Introduction to Performance and Load Testing: Nathan Bunker

- This training included an introduction to what performance measurements are included the AIRA Interoperability Testing Project and limitations to those measures. The presentation also covers recommendations for performance testing at a high level.
- See training slides for further details.

HL7 Load Testing – Lessons Learned: Kevin Snow

- This training goes through detailed methods to consider for HL7 performance testing and different test cases.
- See training slides for further details.

Discussion Items

- Are there things to consider when implementing performance testing in production vs. training?
  - Remember that resources available on production vs test might be different. Production should have the same if not better resources than test. This is not to say you still should not load test production though as there might be environment specific issues in production to test for.
  - The other thing to keep in mind is the size of the database between production and test might be different, meaning that you might have 30 million vaccinations in your production database but only 1 million vaccinations in your test database. Ideally, your test database would be populated with the same number of records (even if obfuscated) as production so that you can test as closely as possible to production.

Question and Answer

- None

Next Call: January 14, 2015 – 2:00-3:00 pm EST