Directory, Versions, and Scale Tiger Team – 6/28/18

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Anti-trust notice: Being a group of collaborators/competitors, we have to be mindful about not sharing proprietary information

P2 FHIR Taskforce Overview

* Trying to solve an ecosystem/infrastructure problem 🡪 how do we scale things that work well in connectathons/pilots to the national level; how do make something that is universally and uniformly adopted?; How do we address those things that will create barriers to the adoption of FHIR-based solutions at the national level?
* Solutions may be standards-based, best practice-based, or some combination
* Want to create a knowledge-sharing process with the broader community
* Will use demonstration projects to test learnings/outcomes and identify unexpected gaps/consequences

FHIR adoption barriers:

* How to find endpoints
* How to manage identity/identification
* How to ensure security (and trust)
* How to deal with testing/conformance/certification

Task Force comprised of federal and commercial stakeholders provides overall guidance/direction to Tiger Teams

* Architectural effort spans across all Tiger Teams
* Use Cases Tiger Team defines some of the inputs (i.e. information requirements necessary to support use cases) into other tiger teams
* Sr. executive steering committee will meet periodically to provide guidance and promote outcomes

General information flow: Information requirements (from use cases Tiger Team) 🡪 detailed specifications (from other tiger teams) 🡪 testing/certification 🡪 implementation guides 🡪 pilots

Current Status:

Use case tiger team kicked off approximately 1.5 months ago

Identity, Directory, Exchange process, and pilot tiger teams all launched within the last couple of weeks

Each Tiger Team has ~6-8 members, 1-2 co-chairs, and an ONC staff support person

P2 FHIR Task Force vs. Da Vinci Project

* Focused on addressing value-based care exchange
  + Defining the “vehicles” that drive on the “highway” developed by the P2 FHIR Taskforce
  + Da Vinci is addressing particular use cases, while P2 FHIR is addressing content that applies across all use cases
  + Da Vinci defines content, P2 FHIR defines scaling infrastructure
* Different convener (HL7), but some overlap in participants

Karl Davis – There is a similar effort led by the CARIN Alliance, but not anticipating there will be much overlap

Directory Tiger Team

Problems to address:

* Identifying FHIR endpoints & services – how can payers/providers identify appropriate endpoints and services for provider-payer exchange?
* Managing multiple versions of FHIR – managing multiple versions of endpoints and artifacts (i.e. resource instances)
  + Growing interest in taking what an entity has received in v2 and exchanging it along with information represented in v3
  + Geimer – FHIR Infrastructure WG has decided to define a mechanism for FHIR resources to indicate which version of FHIR they use
* Scaling ecosystem – How do we take things that work on a small, local scale and scale them?
  + Solutions must be capable of working on the scale of millions of transactions across thousands of endpoints

General approach:

* Review current available solutions
* Review existing standards
* Discuss best practices in industry
* Set vision
* Define roadmap to achieve vision

Identified issues that fall outside the scope of the Tiger Team will be passed up to the Architecture Tiger Team, which will consider them and/or share them with the appropriate Tiger Team

* Architecture Tiger Team will also consider requirements identified by the Use Cases Tiger Team and route those to the appropriate Tiger Team
* Note: this is an evolving effort and processes are still being developed

Logistics

* Standing weekly meeting on Thursdays from 1-2 pm ET
* Confluence landing page: <https://oncprojectracking.healthit.gov/wiki/display/TechLabSC/Directory%2C+Versions+and+Scale+Tiger+Team>
  + Team members would like to have subpages for all minutes/documents
  + All content should be appropriately labeled to indicate whether it is draft/final
* Will record future meetings
* Team will consider whether to use Slack as a collaborative platform

Next Steps

* General discussion/brainstorming about deliverables at next meeting (July 12)
* Complete brainstorming process by July 26
* P2 working session at ONC’s August Interoperability Forum (primarily for coordinating committee/Task Force members)
  + Report out from attendees on August 9