

The Office of the National Coordinator for
Health Information Technology



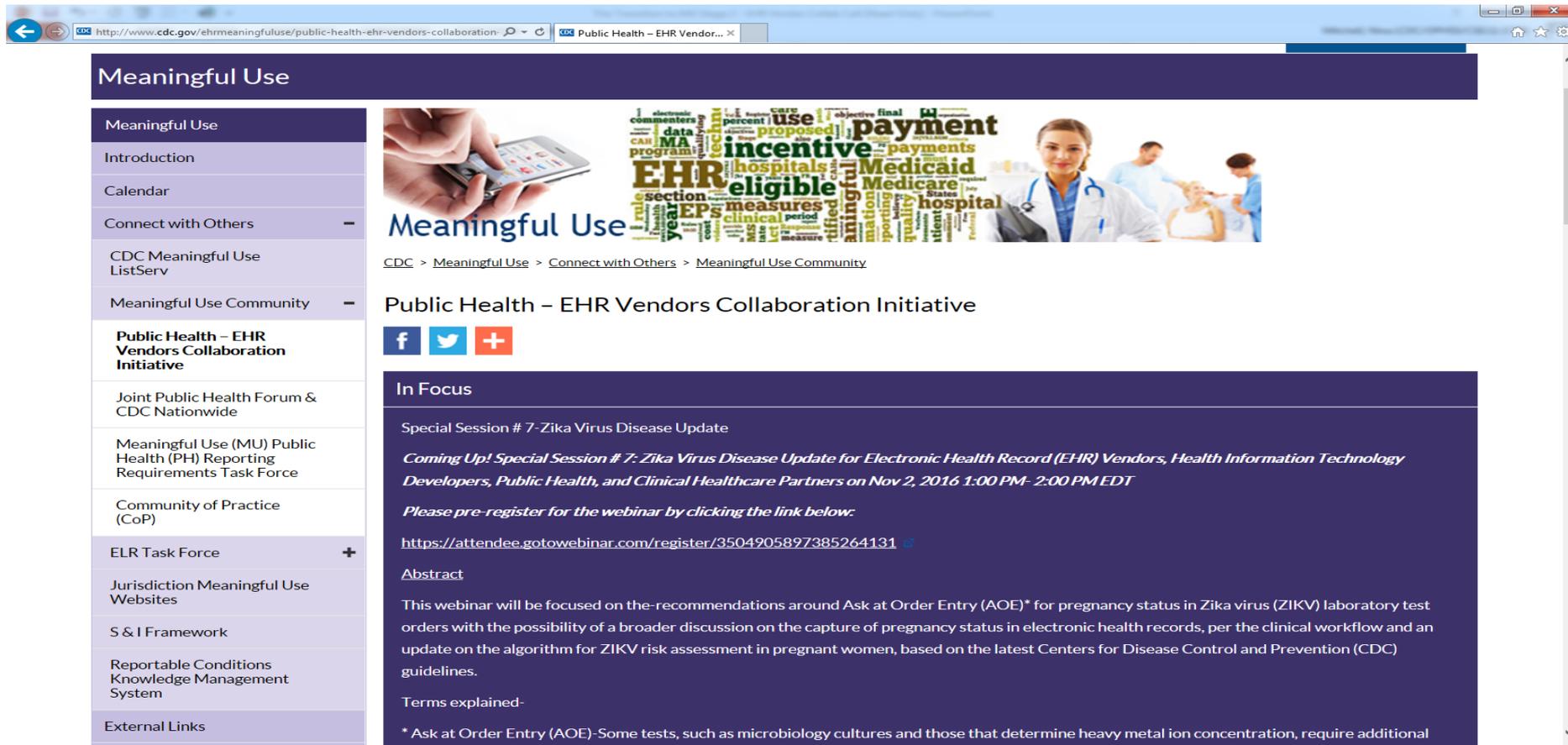
Public Health – EHR Vendors Collaboration Initiative Webinar

Presented by: Dan Chaput
Office of the National Coordinator

May 16, 2017

Putting the **I** in Health **IT**
www.HealthIT.gov

<https://www.cdc.gov/ehrmeaningfuluse/public-health-ehr-vendors-collaboration-initiative.html>



Meaningful Use

- Meaningful Use
- Introduction
- Calendar
- Connect with Others
- CDC Meaningful Use ListServ
- Meaningful Use Community
- Public Health - EHR Vendors Collaboration Initiative**
- Joint Public Health Forum & CDC Nationwide
- Meaningful Use (MU) Public Health (PH) Reporting Requirements Task Force
- Community of Practice (CoP)
- ELR Task Force
- Jurisdiction Meaningful Use Websites
- S & I Framework
- Reportable Conditions Knowledge Management System
- External Links

Meaningful Use

CDC > Meaningful Use > Connect with Others > Meaningful Use Community

Public Health - EHR Vendors Collaboration Initiative

[f](#) [t](#) [+](#)

In Focus

Special Session # 7- Zika Virus Disease Update

Coming Up! Special Session # 7: Zika Virus Disease Update for Electronic Health Record (EHR) Vendors, Health Information Technology Developers, Public Health, and Clinical Healthcare Partners on Nov 2, 2016 1:00 PM- 2:00 PM EDT

Please pre-register for the webinar by clicking the link below.

<https://attendee.gotowebinar.com/register/3504905897385264131>

Abstract

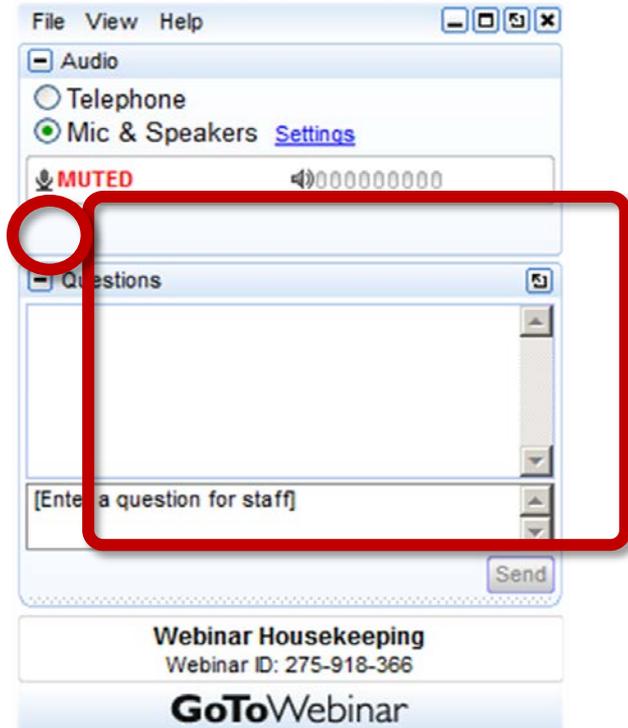
This webinar will be focused on the recommendations around Ask at Order Entry (AOE)* for pregnancy status in Zika virus (ZIKV) laboratory test orders with the possibility of a broader discussion on the capture of pregnancy status in electronic health records, per the clinical workflow and an update on the algorithm for ZIKV risk assessment in pregnant women, based on the latest Centers for Disease Control and Prevention (CDC) guidelines.

Terms explained-

* Ask at Order Entry (AOE)-Some tests, such as microbiology cultures and those that determine heavy metal ion concentration, require additional

Question and Answer Session

How to submit or ask questions for the panel members?



Submit or Ask Questions

- Submit your text question and comments using the Question Panel
- Please raise your hand to be unmuted for verbal questions.



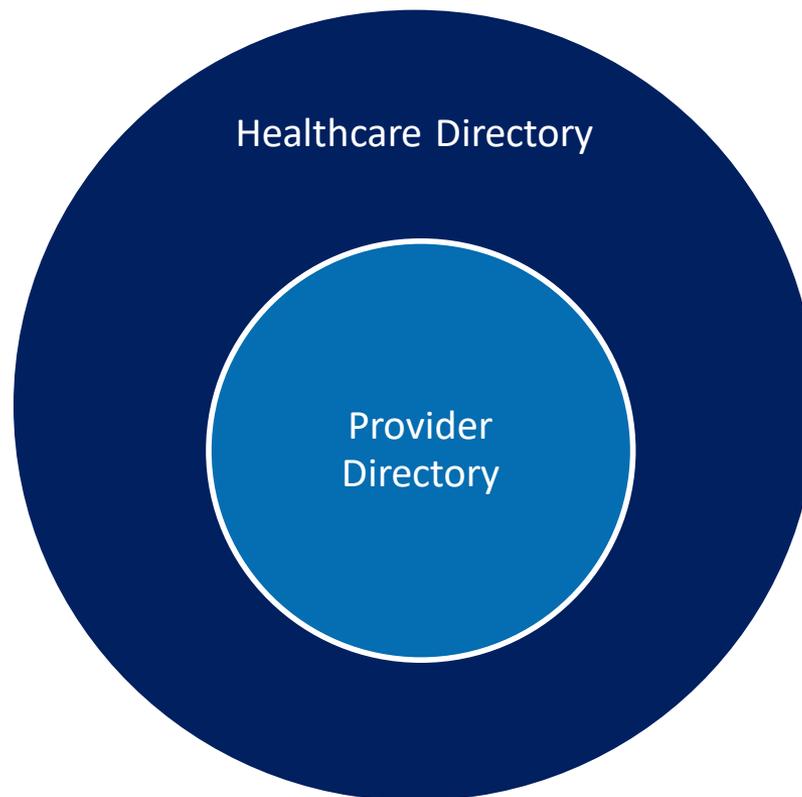
ONC/FHA Healthcare Directory (HcDir) Project Overview

LINKING HEALTHCARE COMMUNITIES



Brief background

- Continuation of the work from a [workshop](#) organized by FHA and ONC and held at MITRE Headquarters in McClain, VA on April 5th and 6th of 2016.



- Some suggested Public Health Use Cases
 - » Discover individual or organizational electronic endpoint
 - » Discover individual or organizational characteristics for accessibility, services
 - » Discover individual or organizational characteristics for plan enrollment
 - » Associating patients with providers (e.g. to support provider alerts)
 - » Support programs that enroll providers – e.g. Emergency System for Advance Registration of Volunteer Health Professionals (ESAR-VHP), Medical Reserve Corps (MRC), Disaster Medical Assistance Team (DMAT), etc.
 - » This is not an inclusive list and there may be other local use cases dependent on the public health agency

Provider Directory Workshop

- Two-day workshop organized by FHA and ONC was held at the MITRE Headquarters in McClain, VA on April 5/6.
- First day focused on presentations and questions, second day was focused on use cases
- One Hundred and ten (110) in-person attendees (including 27 federal staff) and an additional ninety-four (94) virtual
- Attendees included the following:
 - Federal: ONC, HHS, CMS, DoD/DHA, VA, SSA, CDC
 - State (HIE/Medicaid/Govt): Michigan, Oregon, Rhode Island, Colorado, California, Illinois, Ohio
 - Payers and Payer Organizations: AHIP, CA BCBS, CIGNA, Humana, United, Wellmark
 - HIT Vendors: Cerner, Epic, NextGen
 - Not for Profit Interoperability: CAQH, NATE, Direct Trust, Sequoia Project
 - Professional: AMA, Kaiser, Johns Hopkins
 - National Networks: Surescripts

PD Workshop Summary

- Strong interest in the federal government providing, at a minimum, a validated core data set for PD
 - expand the scope of NPPES or
 - create a central resource for all local directories to use / reference
- Many use case – all important for interoperability and care delivery
 - Need to prioritized and define data / validation / exchange requirements
- Focus is now on use of FHIR for PD interoperability (not on IHE HPD)
- Need for coordination of PD effort between Federal agencies (including ONC), state initiatives and commercial efforts to minimize/avoid duplication of effort

Healthcare Directory Project Overview

- Goal: develop a national resource with a core set of validated data that can be used for local implementations of healthcare directories
- Approach:
 - » ONC/FHA Task Force
 - » Monthly TLC meeting (on the second Friday of each month)
 - » Tiger Teams (Use Cases, Data Elements, Architecture, Interoperability)
 - » A Basecamp site for collaboration and sharing

Use Cases

- Basic Information Exchange

- » A1. Enable electronic exchange (e.g. discovery of electronic end points such as IHE/EHR endpoints, FHIR server URLs, Direct addresses)
- » A2. Find an individual and/or organization (even if no electronic end point is available)

- Patient/Payer focused

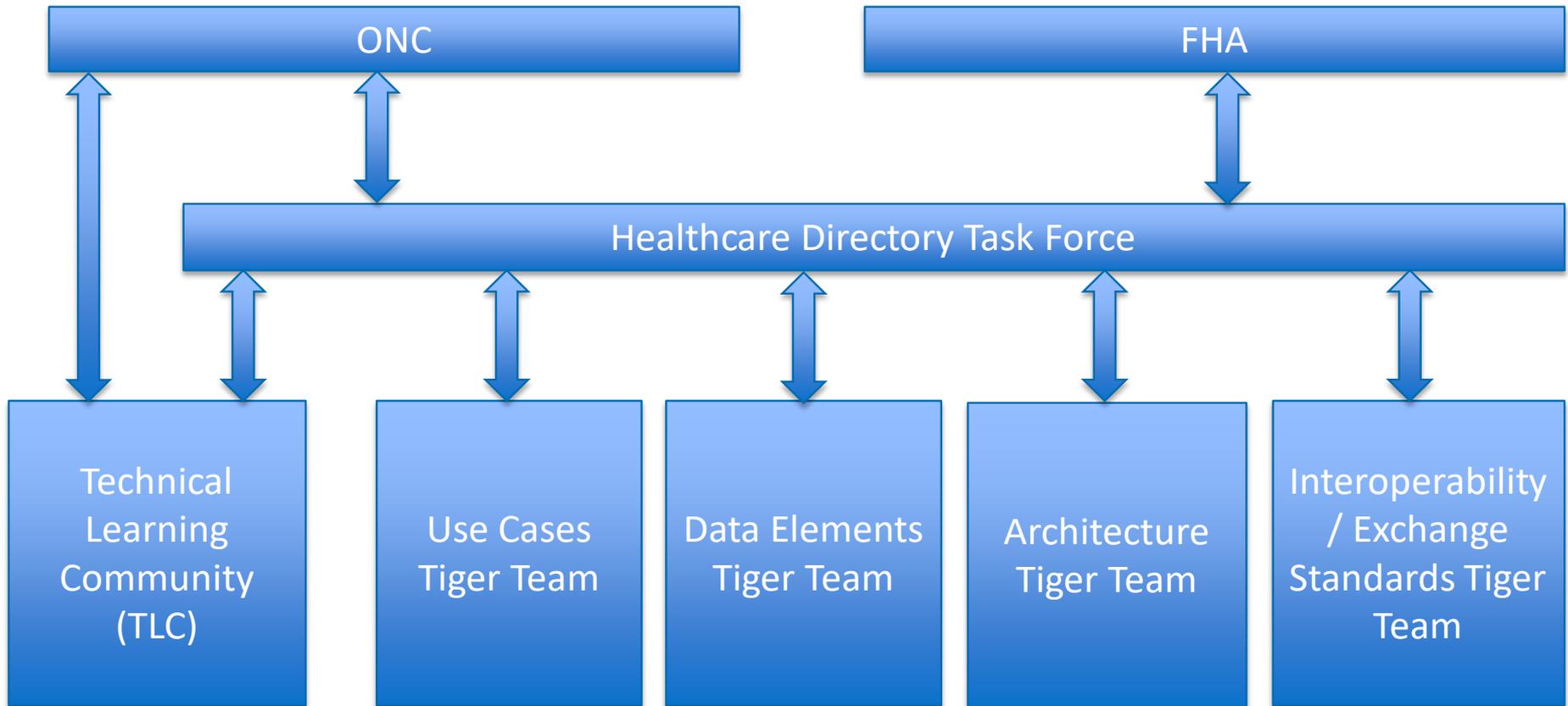
- » B1. Find provider accessibility information (specialty, office hours, languages spoken, taking patients)
- » B2. Relationship between provider and insurance plan (insurance accepted) or plan and provider (network)
- » B3. Plan selection and enrollment
- » B4. Claims management (adjudication, prior authorization, payment)

- **Care Delivery / Value Based Care**
 - » C1. Provider relationship with a patient (e.g. for alerts)
 - » C2. Provider relationship with other providers in context of a patient (e.g. care team communications)
- **Other**
 - » D1. Provider credentialing
 - » D2. Quality or regulatory reporting (e.g. aggregate data, plan networks)
 - » D3. Detection of fraud; inappropriate approval of services and/or payment for services

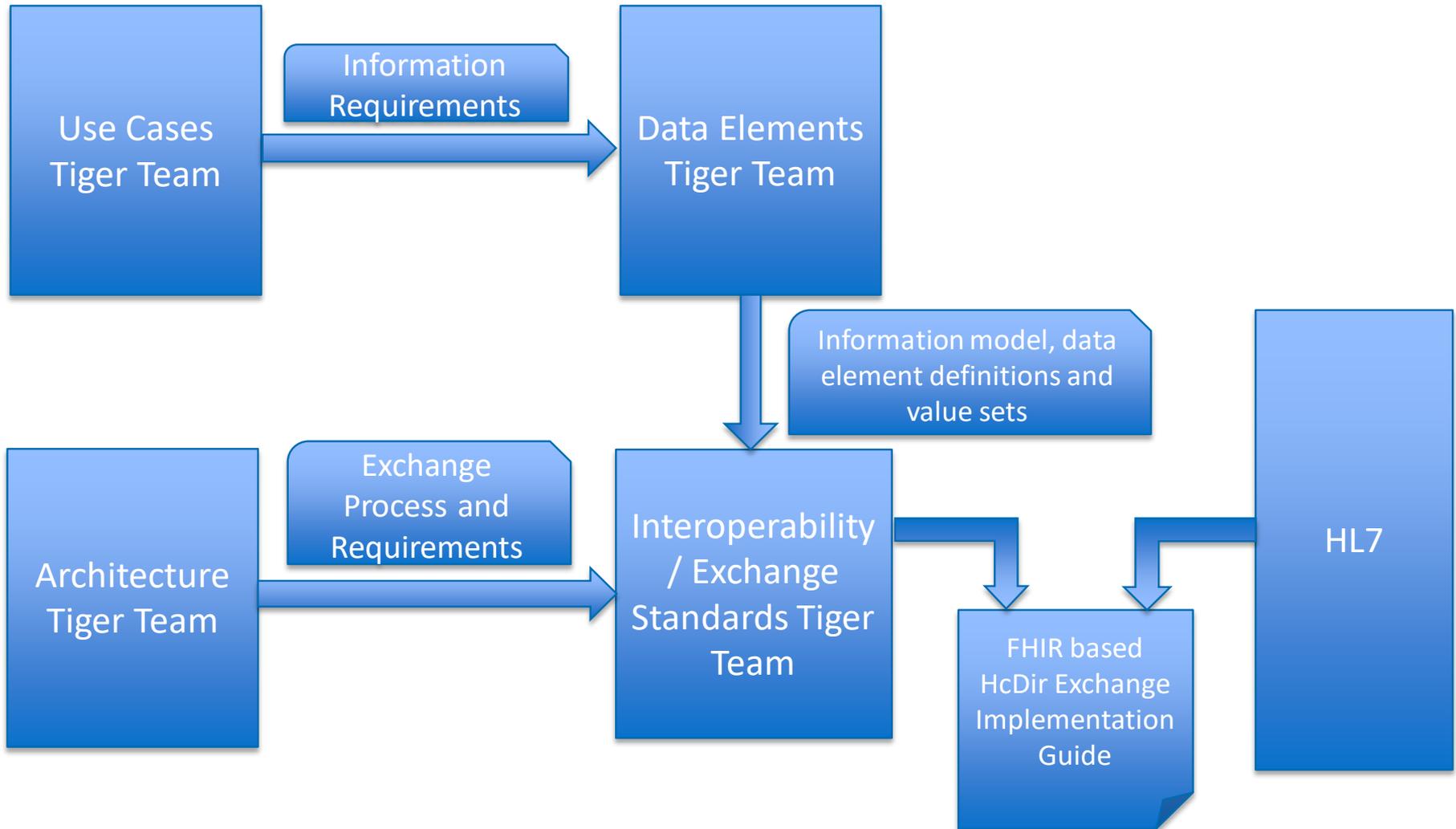
Interoperability Tiger Team

- Goal: Define a FHIR based national standard and implementation guide for the exchange of core and use case-specific data elements between a national resource of validated healthcare directory information and local environments
- The Tiger Team will work with HL7 to fulfill this charge.
 - » Determine gap between requirements for the exchange defined above and current FHIR standard
 - » Work with HL7 to extend the FHIR standard to accommodate the required elements and exchange process
 - » Create and ballot an implementation guide for healthcare directory exchange based on FHIR resources, extensions, profiles and value sets

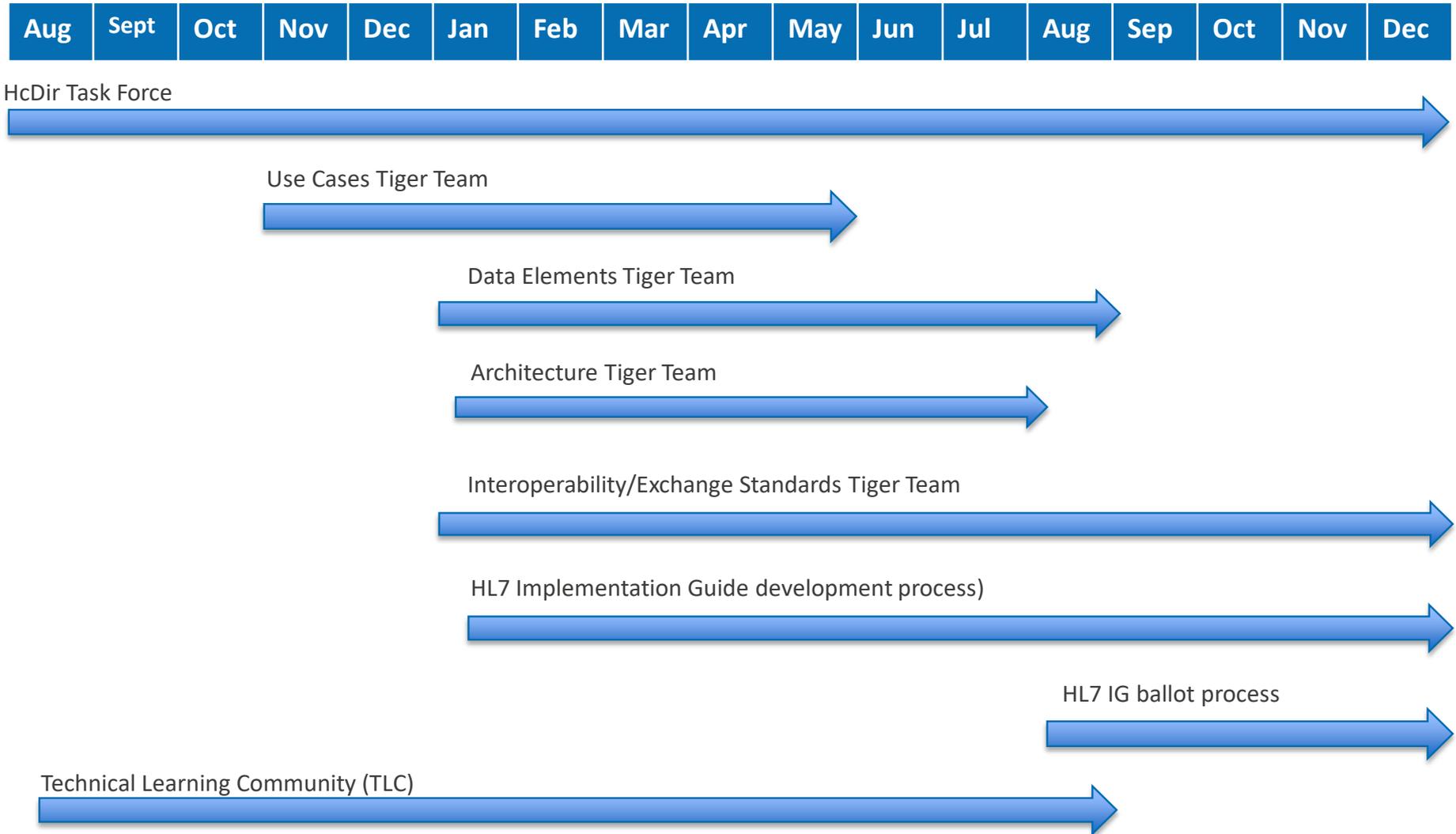
ONC-FHA Healthcare Directory Organizational Structure



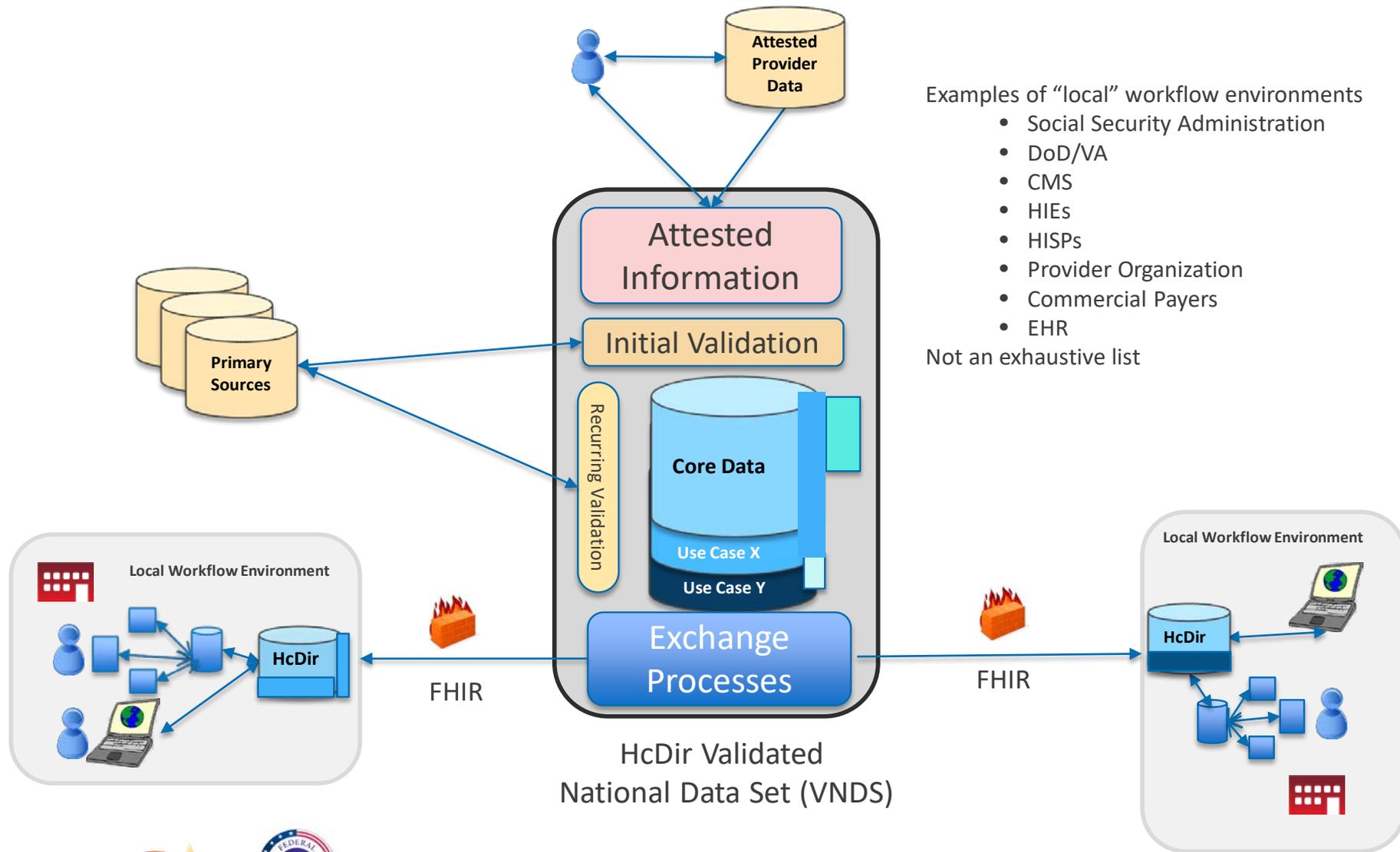
ONC-FHA Healthcare Directory Tiger Team Dependencies



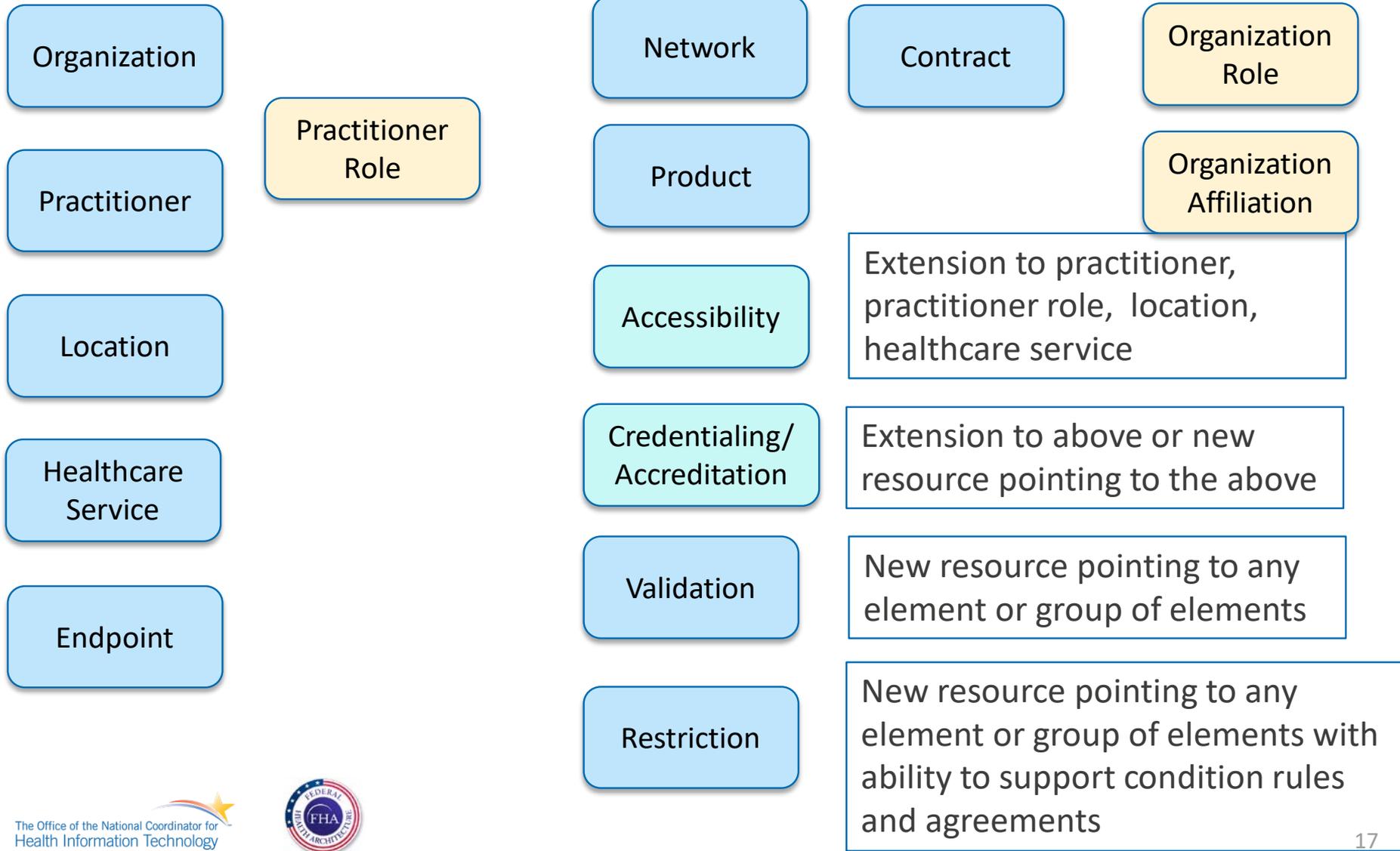
HcDir Task Force Timeline



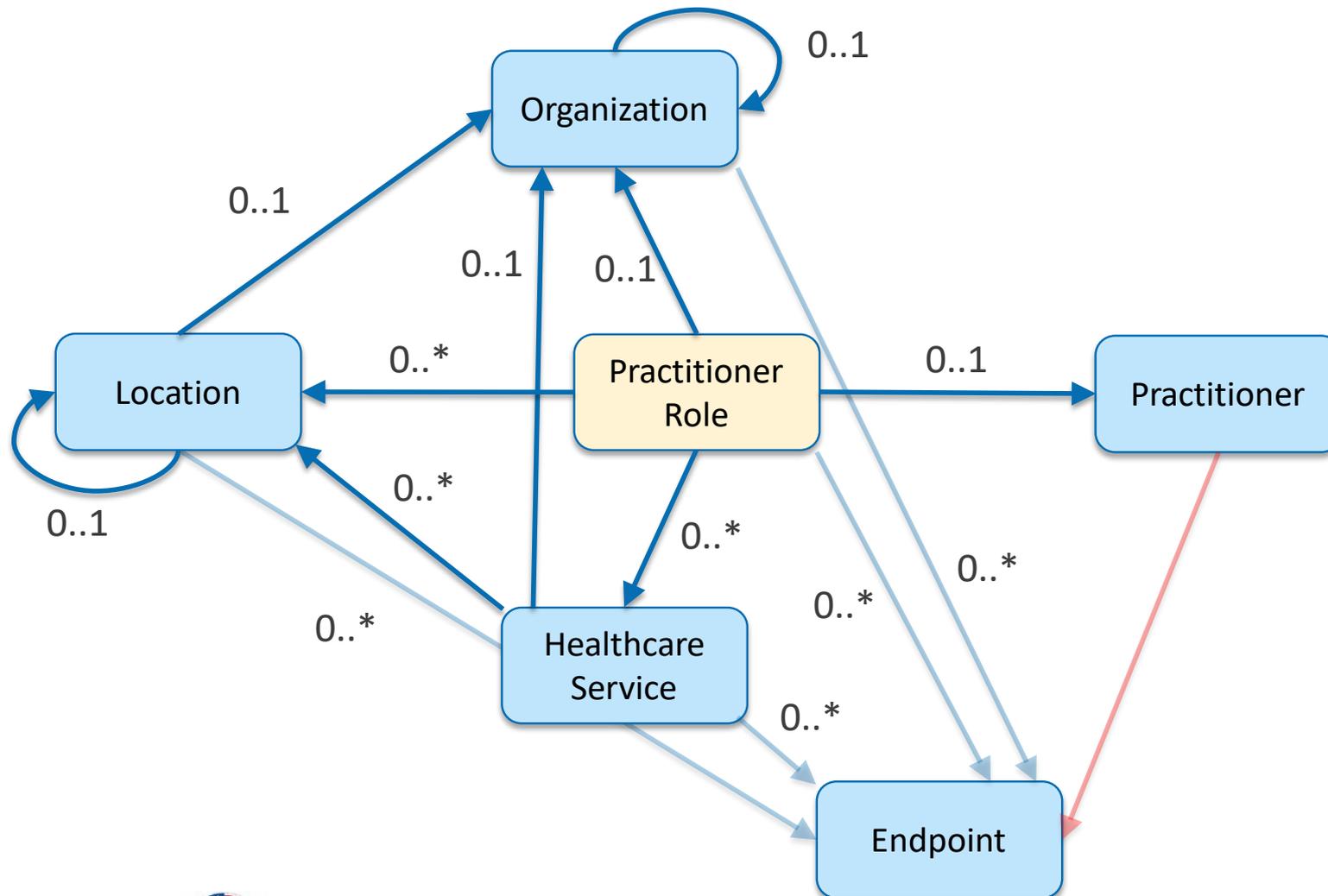
HcDir Conceptual Architecture -- Draft



Existing and “new” Resources

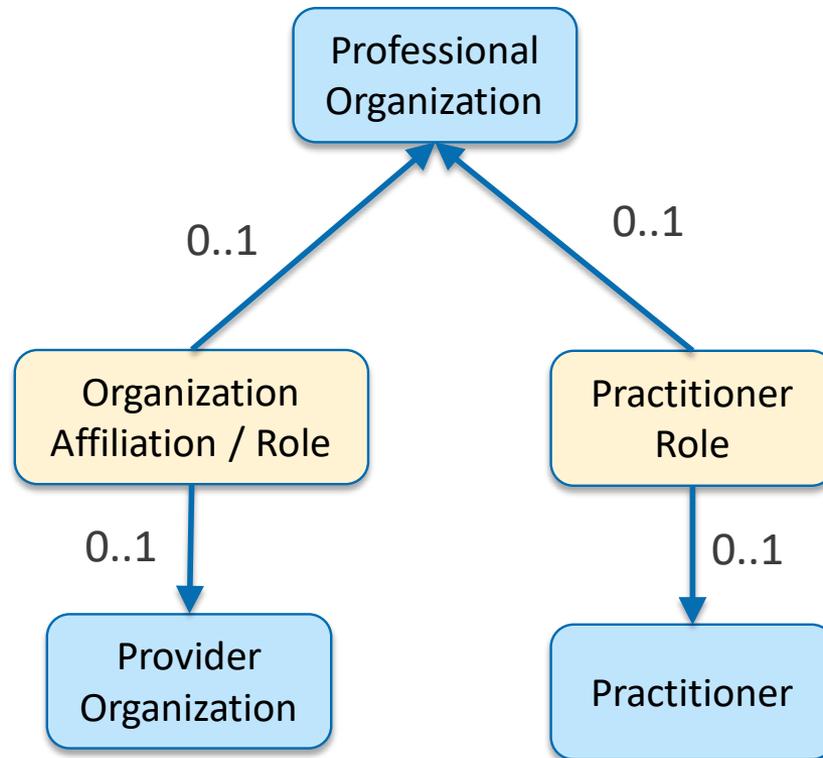


Current Directory Resource Relationships



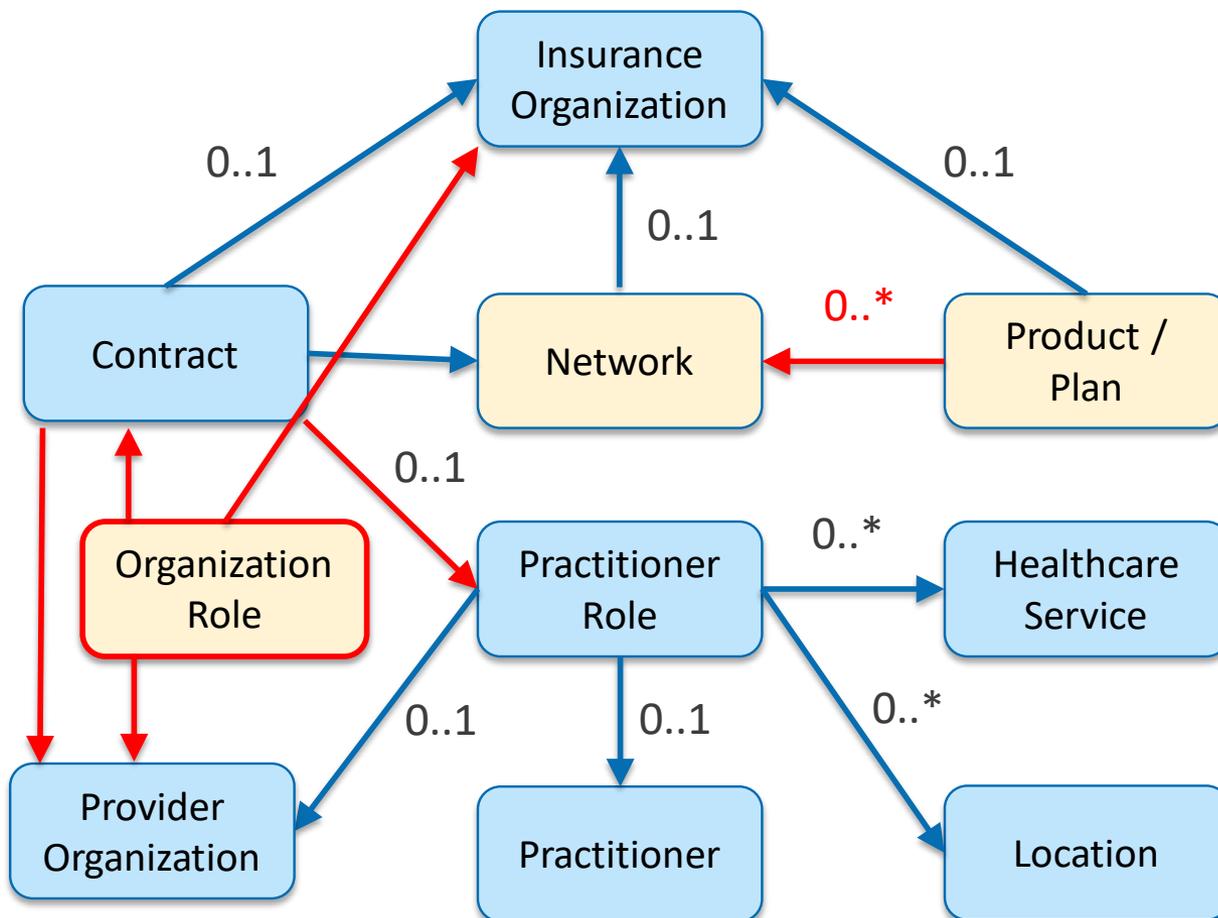
Example of Org-Org relationship

More complex relationship with multiple roles (membership and care delivery)

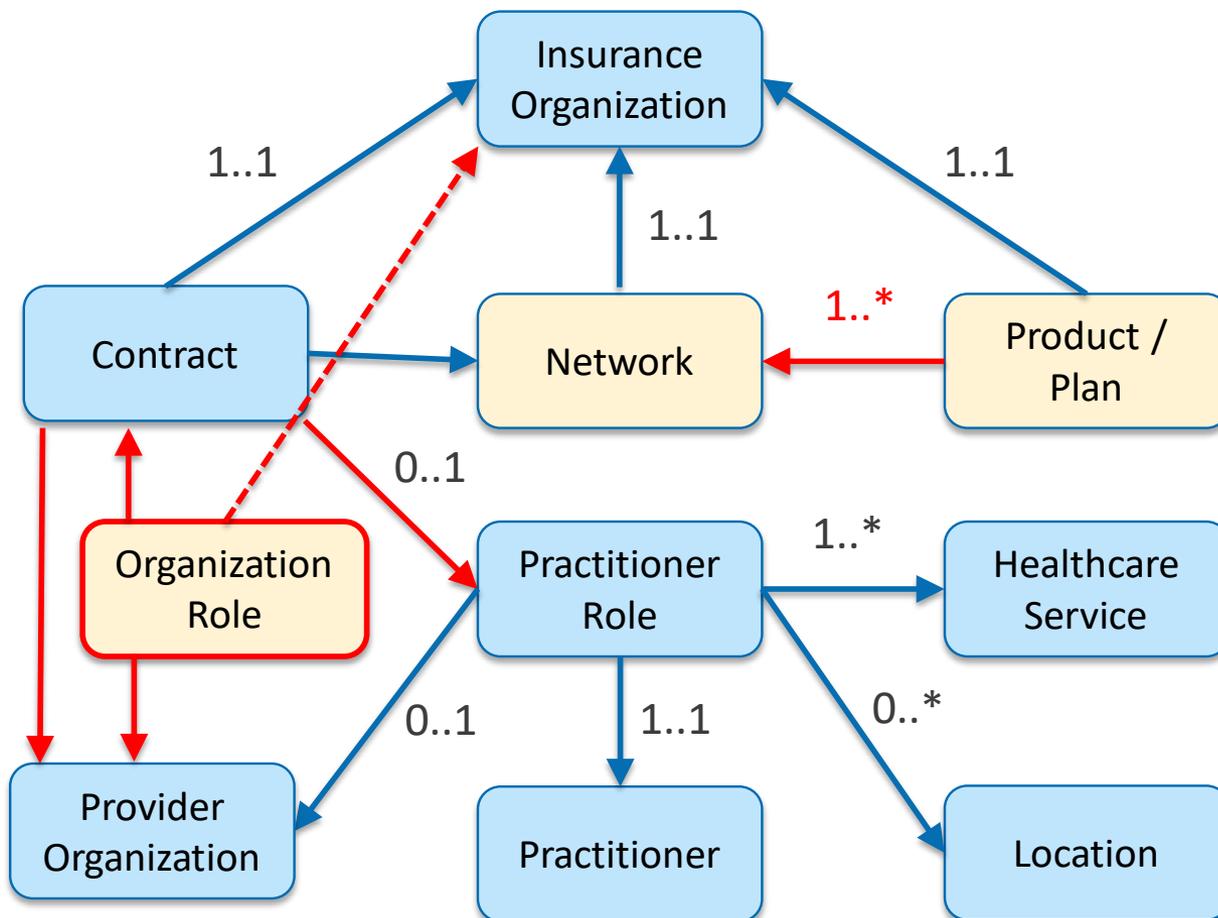


Expansion of role to other than professional delivering care at a location

Example of Insurance Plan and Provider Relationships (generic)



Example of Insurance Plan and Provider Relationships (actual instance)





For more information please contact

Dan Chaput (ONC): daniel.chaput@hhs.gov

LINKING HEALTHCARE COMMUNITIES

