Payer + Provider (P2) FHIR Taskforce

Stephen Konya, Senior Innovation Strategist, ONC/OTECH
P2 FHIR Taskforce Lead
August 6th, 2018

P2 FHIR Taskforce Overview

Problem: There are ecosystem and infrastructure barriers that prevent the wide-scale adoption and deployment of FHIR for payers and providers.

Purpose: Through a collaborative effort, the taskforce aims to address ecosystem barriers and accelerate adoption of FIHR for production exchange of clinical information between providers and payers.

Need: While Connectathons and demonstration projects are promising, the need exists to establish a national architecture for the standardized exchange of information using FHIR. This includes addressing identity, authentication security, messaging and information standards (e.g. profiles and data sets) to enable adoption by large payers and providers to address challenges such as value based care.
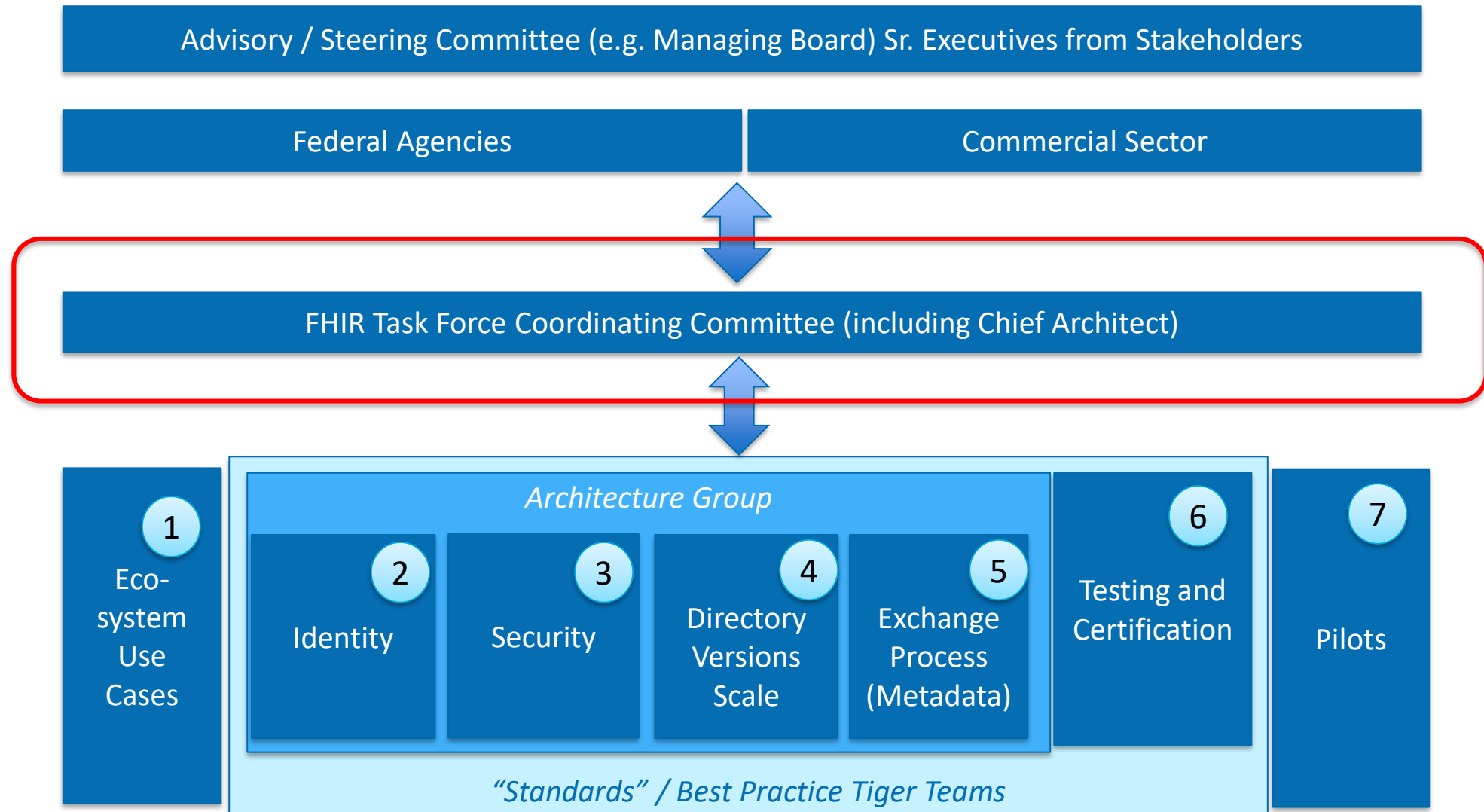
Scope Statement: Establish an ONC task force that leverages "tiger teams" to focus on near term, practical, approaches to overcome high priority barriers to clinical interoperability between Payers and Providers

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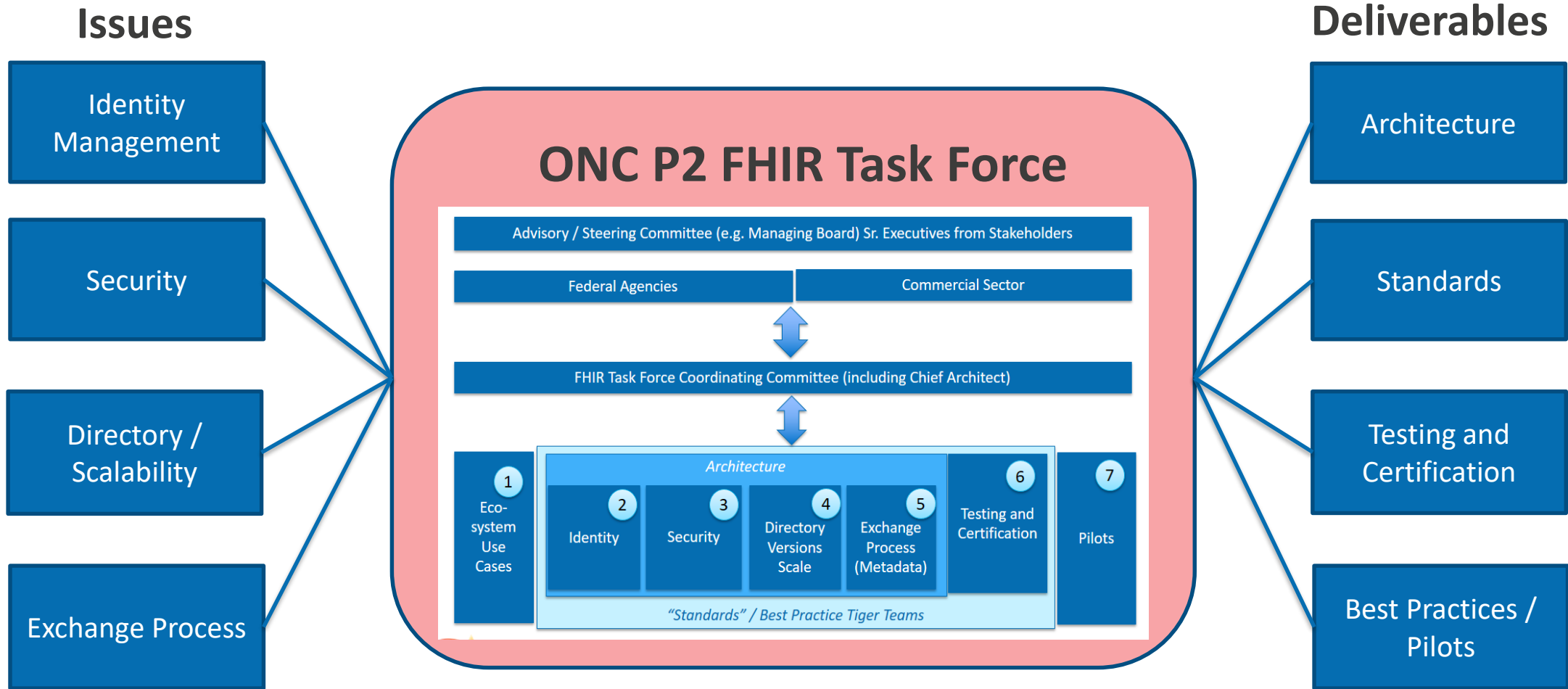
P2 FHIR Taskforce Overview

- **ONC Taskforce Lead**: Stephen Konya, HHS / ONC / OTECH

- **Key supporting roles:** Diana Ciricean, and Holly Stone w/ ESAC

- **Timing:** October 2017 – Sep 2020 (estimated 3 years)

Key Outcomes	Target
Development of knowledge management process to share, update, and publish best practices	[FY18 Q4]
Completion of use cases that will drive solution architectures	[FY19 Q1]
Identification of architectural, technical or process barriers that are likely to curtail wide scale FHIR deployment	[FY19 Q2]
Identification of regulatory barriers	[FY19 Q2]
Development of implementation guides that drive consistency of FHIR based data exchanges between Payers and Providers	[FY19 Q3]
A demonstration project between EHR/HIE and payer end points that show value of the task force activities	[FY19 Q4]
Development of architecture to support clinical clearinghouse use cases	[FY19 Q4]

P2 FHIR Taskforce Structure

Advisory / Steering Committee (e.g. Managing Board) Sr. Executives from Stakeholders

Federal Agencies	Commercial Sector

FHIR Task Force Coordinating Committee (including Chief Architect)

Architecture Group

1 Eco-system Use Cases	2 Identity	3 Security	4 Directory Versions Scale	5 Exchange Process (Metadata)	6 Testing and Certification	7 Pilots

"Standards" / Best Practice Tiger Teams

P2 FHIR Taskforce Ecosystem Issues and Deliverables

Issues

- Identity Management
- Security
- Directory / Scalability
- Exchange Process

Deliverables

- Architecture
- Standards
- Testing and Certification
- Best Practices / Pilots

ONC P2 FHIR Task Force

Advisory / Steering Committee (e.g. Managing Board) Sr. Executives from Stakeholders

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FHIR Task Force Coordinating Committee (including Chief Architect)

Architecture

1. Eco-system Use Cases
2. Identity
3. Security
4. Directory Versions Scale
5. Exchange Process (Metadata)
6. Testing and Certification
7. Pilots

"Standards" / Best Practice Tiger Teams

P2 FHIR Taskforce Tiger Team Interaction
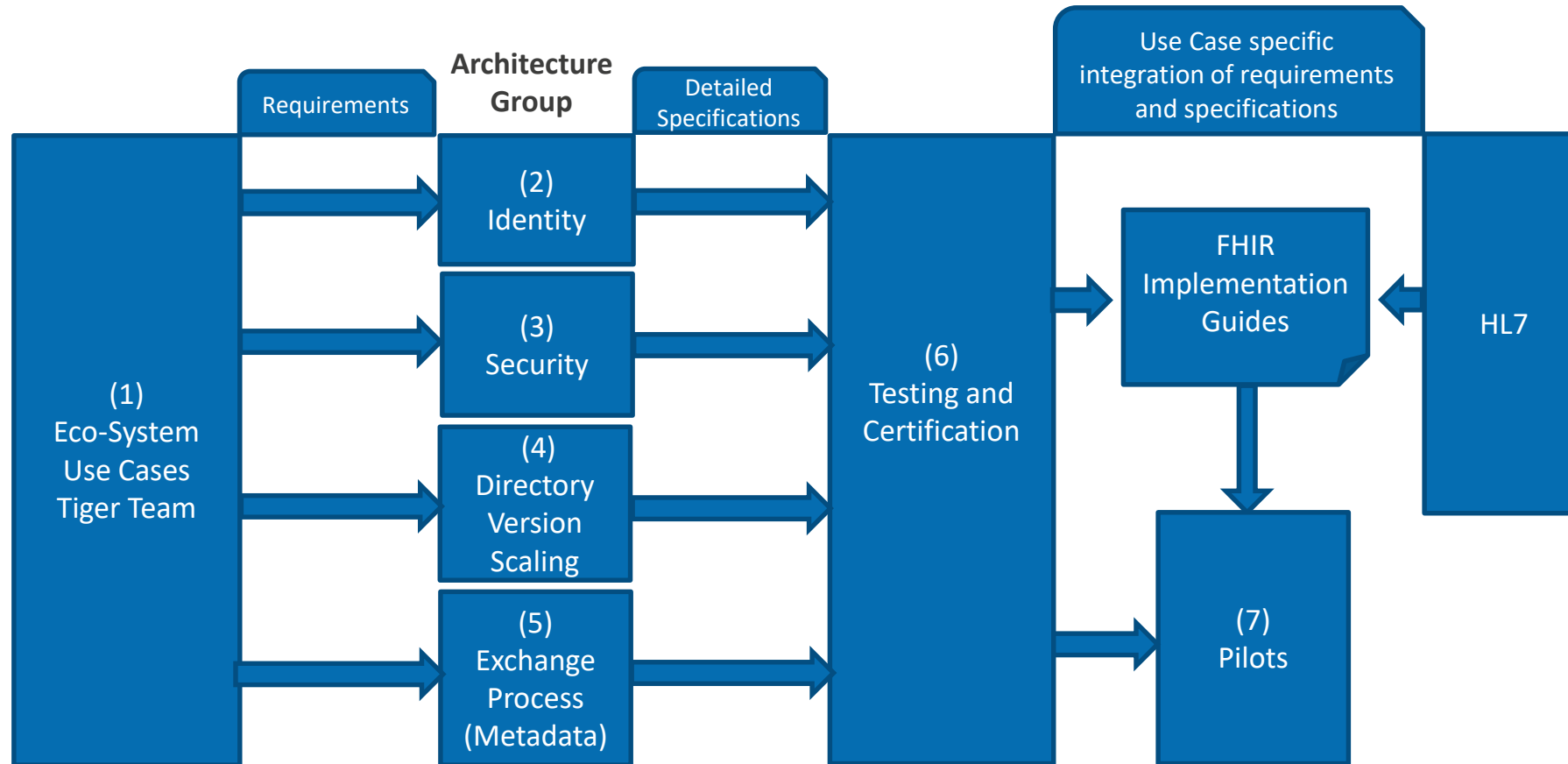
P2 Use Case Tiger Team Status

» First task was to come to an agreement on the scope of the use cases, and the format and level of detail to be involved (i.e. methodology)

» 21-23 Use Cases were initially identified through a brainstorm

» Top 3 use cases were prioritized

1. Coverage Requirements Discovery (CRD)

2. Alert ADT

3. Prior Auth

» Requirements for the CRD use case to be completed by early August 2018

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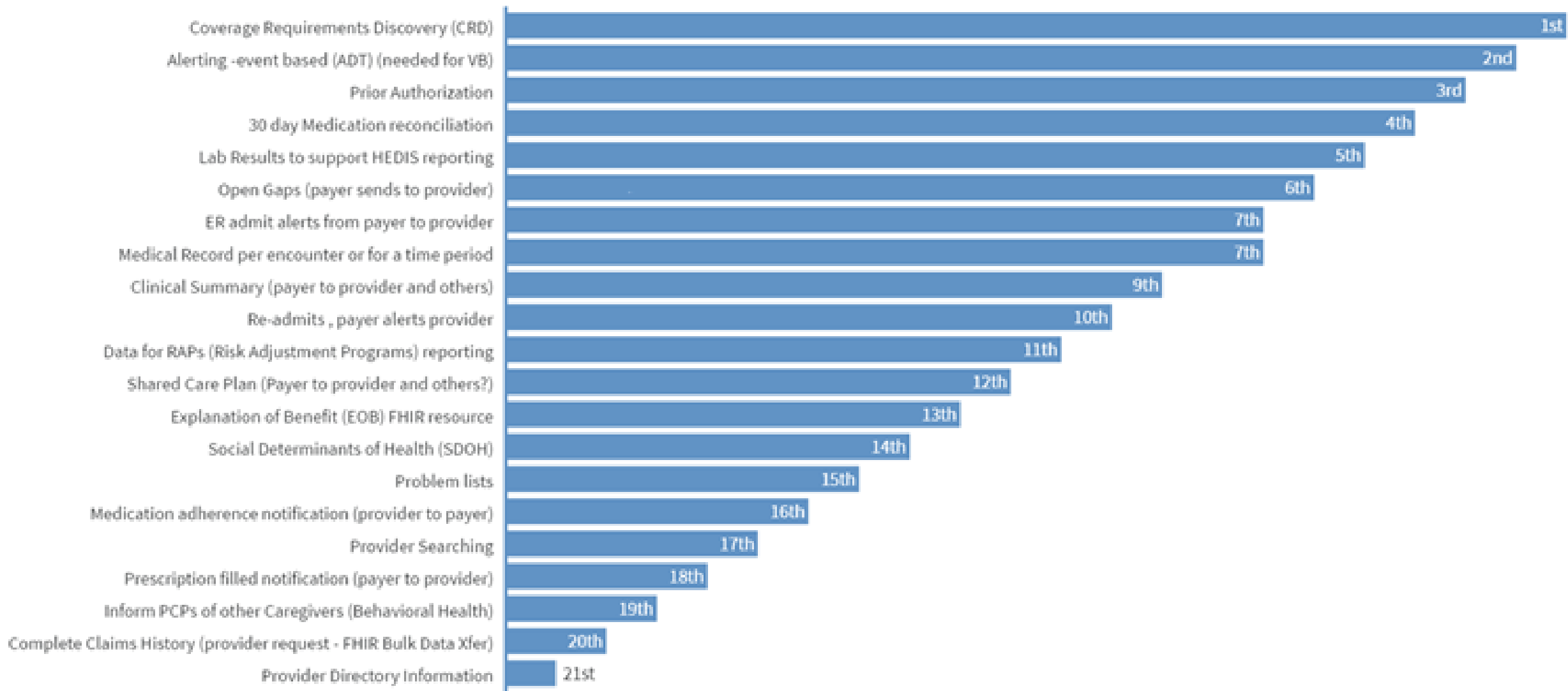
P2 Technical Learning Community (TLC)

» Key component to a broader communications / engagement strategy

» Targeted launch set for August 2018

» To include the following;

– Bi-monthly "newsletter" sent to subscribers of the P2 FHIR TF public list serve

– Quarterly public webinars for P2 FHIR TF updates (with Q&A), and community engagement

– Notifications of opportunities to attend/participate in P2 / Da Vinci related events (i.e. connectathons, hackathons, meetups, workshops, etc.)

P2 Timeline - Upcoming Key Activities

Target Date	Activity
Early August 2018	Formal invitations to go out for P2 Steering Committee (Sr. Execs)
Early August 2018	First use-case (CRD) ready for passing on to "architecture" Tiger Teams
August 6th – 8th, 2018	P2 / DaVinci Members Meeting at ONC Interoperability Forum
TBD, August 2018	Conduct remaining Tiger Team kickoff call (Security)
End of August 2018	First semi-annual public progress report expected to be released
Mid-September 2018	First quarterly steering committee meeting anticipated
September 29th – October 5th, 2018	Joint P2 / Da Vinci Connect-a-thon during HL7 Annual Meeting (Baltimore, MD)

Thank you!

For latest information on the P2 FHIR Taskforce,

Please visit the official P2 FHIR Taskforce Project Page,

Have any further questions/suggestions?

Please contact Stephen Konya (Stephen.Konya@hhs.gov)

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