FAST Scalable Security Proposed Solution - Expert Panel Discussion

SME Session 2: Scalable Security Solutions

The *FAST* Security Tiger Team focused on proposed solutions to address barriers related to security for FHIR-based solutions at scale.

The group of SMEs invited to participate in this session will be asked to evaluate the team's proposed solutions: UDAP Trusted Dynamic Client Registration, UDAP Tiered OAuth, UDAP JWT-Based Client Authentication, UDAP JWT-Based Authorization Assertions and provide their expert insight and opinion on these solutions.

The solutions aim to answer the following questions:

1. How do we know the service consumer has permission to ask or see?
2. What do scalable authentication and authorization models for FHIR based information exchange look like?
3. Will a scalable solution support millions of patients/payers/providers?
4. How do we leverage existing security guidelines and best practices?
5. How do we know the FHIR consumer has permission to ask or see?

These solutions are focused on determining how to manage permissions and security of millions of transaction between patients, payers and providers

Participants

Name	Organization	Participation Role
Patrick Murta	Humana	Meeting Facilitator, ONC *FAST* Chief Architect
Paul Oates	Cigna	Meeting Facilitator, ONC *FAST* Chief Architect
Stephen Konya	HHS	ONC	Meeting Facilitator, ONC *FAST* Lead
Brett Stringham	Optum	Meeting Facilitator, ONC *FAST* Tiger Team Lead
Luis Maas	EMR Direct	Meeting Facilitator, ONC *FAST* Tiger Team Lead
Rose-Marie Nsahlai	HHS	ONC	Meeting Facilitator, ONC *FAST* Tiger Team Lead
Kevin Stine*	National Institute of Standards and Technology	Subject Matter Expert
Matt Randall	Cerner	Subject Matter Expert
Joshua Mandel	Microsoft Healthcare	Subject Matter Expert
Jason Vogt	Commonwell	Subject Matter Expert
Catherine Schulten	AllClear ID	Subject Matter Expert
Avinash Shanbhag	HHS	ONC	Subject Matter Expert
Mark Scrimshire	NewWave	Subject Matter Expert
Calvin E Beebe	Mayo Clinic	Subject Matter Expert
Aman Raheja	Humana	Subject Matter Expert
Mike Donnelly	Epic	Subject Matter Expert
Aaron Lewter*	Availity	Subject Matter Expert
Scott Stuewe	DirectTrust	Subject Matter Expert

*All SME participants with an asterisk by their name are invited, pending confirmation.

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Relevant Pre-meeting Reading Material

- The *FAST* Technical Barriers to the Scalability of FHIR Based Solutions document
- The *FAST* Security Proposed solutions document:

SME Session Details

The nominated SME's will be asked to participate in two meetings in their area of expertise.

Meeting #1 - SMEs Prep-session (1 hour) (closed session, by invite only)

- **Date/time:** May 22, 2020 / 3:00 - 4:00 pm EST
- **Scope and goals:** This session is intended to orient SMEs to the work of *FAST*, the barriers this team is addressing and the proposed solution the team has developed. The goal is to provide SMEs with the foundational knowledge required to conduct an evaluation of the proposed solution prior to the SME Session.
- **Agenda**
    - Introductions
    - Healthcare Industry 101
    - *FAST* 101
    - SME Role and Expectations
    - Barriers & Proposed Solution
    - Setting the Stage for SME Session
- **Meeting materials**

Meeting #2 - SMEs Panel Discussion Session - An industry discussion around the *FAST* proposed solution for security (3 hours) (closed session, by invite only)

- **Date/time:** June 3, 2020 / 3:00 - 6:00 pm EST
- **Scope and goals:** The goal of this session is to elicit SMEs expert insight into proposed solution(s), specifically:
    - Feasibility and effectiveness
    - Potential gaps
    - Unintended consequences
    - Alternate approaches to consider
    - Industry path forward (standard, regulation or policy)
- **Agenda**
    - Welcome
    - Session Goals
    - Solution Review and Discussion
    - Implications of Solution
    - Industry Path Forward
    - Action Items
- **Meeting materials**

Learn More About *FAST*

FAST's goal is to analyze and identify HL7® Fast Healthcare Interoperability Resources (FHIR®) scalability gaps and offer possible solutions that will address current barriers and will accelerate FHIR adoption at scale.

To learn more, you can review the *FAST* 101 deck in Confluence or watch the *FAST* 101 webinar recording or read the 2019 End-of-Year Report for a snapshot of the progress made by *FAST* so far.

Other *FAST* resources that may be of interest

- The *FAST* Ecosystem Use Cases
- The preliminary considerations included in version one of the proposed solutions was shared for industry feedback during The *FAST* Security Technical Learning Community (TLC) HL7 Webinar Session

Next Steps immediately following SME Sessions

- *FAST* Report-Out to summarize session discussion, decisions, and next steps
- *FAST* Action Plan to define proposed solution path (standard, regulation and/or process)

Contact Us

If you have any further questions, comments or would like more information please contact the ONC *FAST* Leads: Stephen.Konya@hhs.gov and Diana.Ciricean@hhs.gov.