

FAST Scaling Requirements for FHIR RESTful Exchange Intermediaries - Expert Panel Discussion



SME Session 7: Scaling Requirements for FHIR RESTful Exchange Intermediaries

This SME Panel Session will focus on the proposed solution to address barriers related to Scaling Architecture, developed by the *FAST* Directory, Versions and Scale Tiger Team. The group of SMEs invited to participate in this session will be asked to evaluate the team's proposed solution, "Scaling Requirements for FHIR RESTful Exchange Intermediaries", and provide expert insight, feedback, and guidance.

Intermediaries will be needed to scale FHIR across a growing number of healthcare ecosystem participants in anticipation of future healthcare needs and increased transactions embedded in clinical workflows. Yet there are no "rules of the road" for intermediaries to meet minimum requirements for performance, availability, or response times in support of synchronous end-to-end real-time data exchange. The *FAST* team has proposed a solution intended to support:

- The ability to utilize intermediaries to reduce the complexity of connecting with a large number of endpoints and managing authentication and authorization with each
- Predictable intermediary performance to meet real-time exchanges

Participants

Name	Organization	Participation Role
Patrick Murta	Humana	Meeting Facilitator, ONC <i>FAST</i> Chief Architect
Paul Oates	Cigna	Meeting Facilitator, ONC <i>FAST</i> Chief Architect
Alex Kontur	HHS ONC	Meeting Facilitator, ONC <i>FAST</i> Lead
Alix Goss	Imprado	Meeting Facilitator, ONC <i>FAST</i> Tiger Team Lead
Bob Dieterle	Enablecare	Meeting Facilitator, ONC <i>FAST</i> Tiger Team Lead
Arien Malec	Change Healthcare	Subject Matter Expert
Michael Privat	Availity	Subject Matter Expert
James Agnew	Smile CDR	Subject Matter Expert
Sasha Volkov	Optum	Subject Matter Expert
John Kelly	Edifecs	Subject Matter Expert
Mike Gould	BCBSA	Subject Matter Expert
Vijey Kris Sridharan	United	Subject Matter Expert
Patrick Haren	Cigna/ Evernorth	Subject Matter Expert
Patrick Murta or designee	Humana	Subject Matter Expert
Hans Buitendijk	Cerner	Subject Matter Expert
TBD	Athenahealth	Subject Matter Expert
Vassil Peytchev	Epic	Subject Matter Expert
Jeff Danford	Allscripts/ Veradigm	Subject Matter Expert
Rohit Shinde	eClinical Works/ Healow	Subject Matter Expert
TBD	Military/DoD/VA	Subject Matter Expert
Eric Heflin	eHealth Exchange	Subject Matter Expert
Alan Swenson	Carequality	Subject Matter Expert

Jason Vogt	CommonWell	Subject Matter Expert
Tim Pletcher	MIHIN	Subject Matter Expert
Brandon Neiswender	CRISP	Subject Matter Expert
Cody Johansen	UHIN	Subject Matter Expert
Matt Spielman	InterSystems	Subject Matter Expert
Bill Gregg	HCA	Subject Matter Expert
Verghese Abraham	Sutter Health	Subject Matter Expert
Mike Westover	Providence St. Joseph	Subject Matter Expert
Michael Shoemaker	Providence St. Joseph	Subject Matter Expert
Jon Copley	Centene	Subject Matter Expert
John Loonsk	Association of Public Health Laboratories (APHL)	Subject Matter Expert
Walter Suarez	Digital Bridge	Subject Matter Expert
Paula Braun	CDC	Subject Matter Expert
Richard Hawes	CDC	Subject Matter Expert
Jamie Ferguson	Kaiser Permanente	Subject Matter Expert

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

Relevant Pre-meeting Reading Material

- The [FAST Technical Barriers to the Scalability of FHIR Based Solutions](#) document
- The [FAST Scaling Architecture Solution Document V2](#)
- The [FAST Action Plan, Scaling Architecture Excerpt](#)

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:** 02 Dec 2021 4-5PM ET
- **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
 - *FAST* 101
 - SME Role and Expectations
 - Barriers & Proposed Solution
 - Setting the Stage for SME Session
- **Meeting Materials:** [FAST_SME PREP Session_Scaling Architecture_120221_FINAL.pdf](#)

Meeting #2 - SMEs Panel Session - An industry discussion around the *FAST* proposed solution for Scaling Requirements for FHIR RESTful Exchange Intermediaries (3 hours) (closed session, by invite only)

- **Date/time:** 06 Dec 2021 3-6PM ET
- **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:** [FAST_SME Session_Scaling Architecture_120621_FINAL.pdf](#)

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 Action Plan](#) for a snapshot of the progress made by *FAST* so far.

Next Steps following SME Sessions

- *FAST* Report-Out to summarize session discussion, decisions, and next steps
- *FAST* Action Plan updates 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 ONC *FAST* Lead: Alex.Kontur@hhs.gov