

ONC TEFCA

Recognized Coordinating Entity

Monthly Informational Call

August 17, 2021



ONC
TEFCA
RECOGNIZED
COORDINATING
ENTITY

This project is supported by the Office of the National Coordinator for Health Information Technology (ONC) of the U.S. Department of Health and Human Services (HHS) under 90AX0026/01-00 Trusted Exchange Framework and Common Agreement (TEFCA) Recognized Coordinating Entity (RCE) Cooperative Agreement. This information or content and conclusions are those of the author and should not be construed as the official position or policy of, nor should any endorsements be inferred by ONC, HHS or the U.S. Government.

Agenda

- Welcome
- Timeline
- QTF Overview
- Common Agreement Update
- Public Input Opportunities
- Questions & Answers

Meet the RCE Team



Mariann Yeager
CEO
The Sequoia Project



Alan Swenson
Executive Director,
Carequality



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Timeline

Timeline to Operationalize TEFCA

Summer/Fall/Winter 2021

- Public engagement webinars.
- Common Agreement (CA) Work Group sessions.
- RCE and ONC use feedback to finalize CA V1 and QHIN Technical Framework (QTF) V1.

Calendar Q1 of 2022

- Release Final Trusted Exchange Framework, CA V1 Final, and QTF V1 Final.

During 2022

- QHINs begin signing Common Agreement.
- QHINs selected, onboarded, and begin sharing data on rolling basis.



QHIN Technical Framework (QTF) Overview

Exchange Modalities



Query

- Patient Query
- Document Query
- Document Retrieve



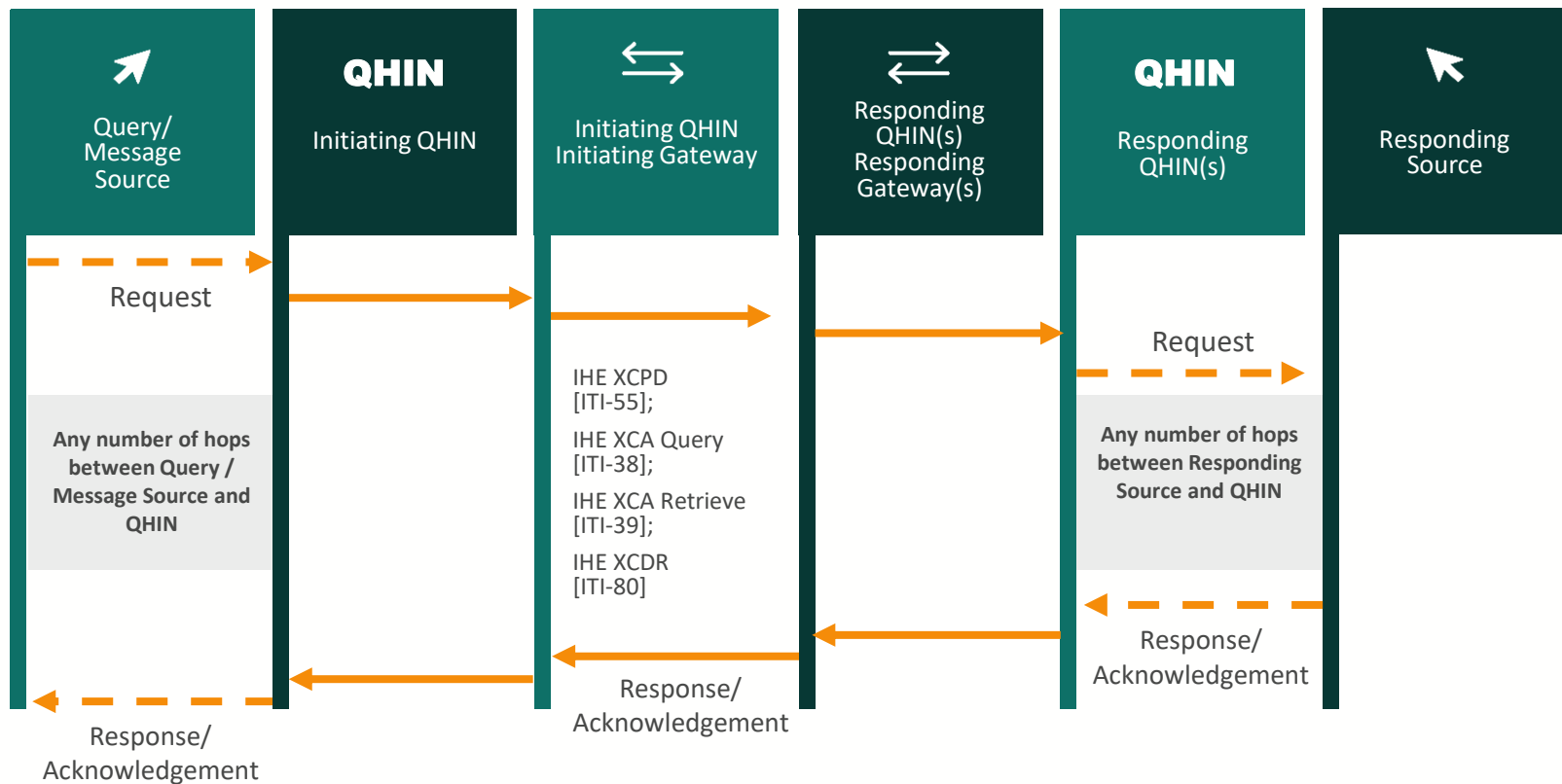
Message Delivery

- Message Delivery

QHIN Specified Standards – Two Exchange Modalities

Exchange Functions	Specified Standard(s) / Profile(s)
Secure Channel	<ul style="list-style-type: none"> • IETF TLS 1.2 w/ BCP-195 or IETF TLS 1.3
Mutual Server Authentication	<ul style="list-style-type: none"> • IETF TLS
User Authentication	<ul style="list-style-type: none"> • IHE XUA
Authorization & Exchange Purpose	<ul style="list-style-type: none"> • IHE XUA
QHIN Query for Patients	<ul style="list-style-type: none"> • IHE XCPD
QHIN Query for Documents	<ul style="list-style-type: none"> • IHE XCA
QHIN Message Delivery	<ul style="list-style-type: none"> • IHE XCDR
Auditing	<ul style="list-style-type: none"> • IHE ATNA

Information Exchange Modalities



Participant / Subparticipant Requirements

- Most requirements apply to QHINs
- See “Constraints for Participants and Subparticipants” for flow down technical requirements, including:
 - C-CDA 2.1
 - Include all available demographics
 - USCDI V1 data classes/elements
 - MUST handle parsing of (Instance) Access Consent Policy
 - Audit logging
 - TLS 1.2+ between Participant and QHIN
- Other requirements will be set by QHINs on their own Participants, including:
 - Patient lookup – RLS, QHIN-level eMPI, federated
 - Specific connectivity between QHIN and Participant

When Will TEFCA Have FHIR?

- FHIR roadmap planned for release with the final QTF Version 1.
- Value of FHIR based exchange when using certified health IT
- Need to address concerns based on QHIN-to-QHIN exchange model:
 - Security model with multi-hop.
 - OAuth not designed for multi-hop.
 - Originating user unknown to responder.
 - Routing RESTful transactions over multi-hop
- We are asking for feedback on how to support FHIR-based exchange in the future.



Request for QTF Feedback

Sample Topics for Consideration

- Definitions
- QHIN exchange scenarios for query
- QHIN exchange scenarios for message delivery
- Requirements for functions and technology to support exchange
- Constraints for participants and subparticipants

Should QTF include QHIN Message Delivery?

- Option 1: **Require** “QHIN Message Delivery” modality in QTF using the Integrating the Health Care Enterprise (IHE) Cross-Community Document Reliable Interchange (XCDR) profile with a future transition to FHIR; or
- Option 2: **Defer** “QHIN Message Delivery” from QTF until a FHIR based solution is readily available; or
- Option 3: **Include** “QHIN Message Delivery” using XCDR as *optional* in QTF until a FHIR based solution is readily available.

<https://rce.sequoiaproject.org/qtf-feedback/>

Common Agreement (CA) Update

Common Agreement

- Common Agreement
 - Revise to reflect public, work group, and ONC input
 - Initial set of standard operating procedures (SOPs)
 - QHIN eligibility criteria
- Public input: August – September 2021
- Common Agreement Work Group
- Prepare CA v.1 for adoption

Public Input Opportunities

Opportunities for Stakeholder Engagement

- QHIN Technical Framework
 - Overview webinar: August 4 from 1:30pm - 2:30pm ET – **Recording & Slides Available now!**
 - Deep Dive webinar: August 18 from 1:00 – 3:00pm ET – **Still time to register!**
 - QTF feedback form on the RCE website:
 - <https://rce.sequoiaproject.org/qhin-technical-framework-feedback/>
- Health IT Advisory Committee (HITAC) – October 13
- Monthly Informational Calls – 3rd Tuesday each month

Sign up for webinars at: <https://rce.sequoiaproject.org/>
Questions? Email us at rce@sequoiaproject.org



Questions & Answers