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November 15, 2022

RCE Monthly Informational Call

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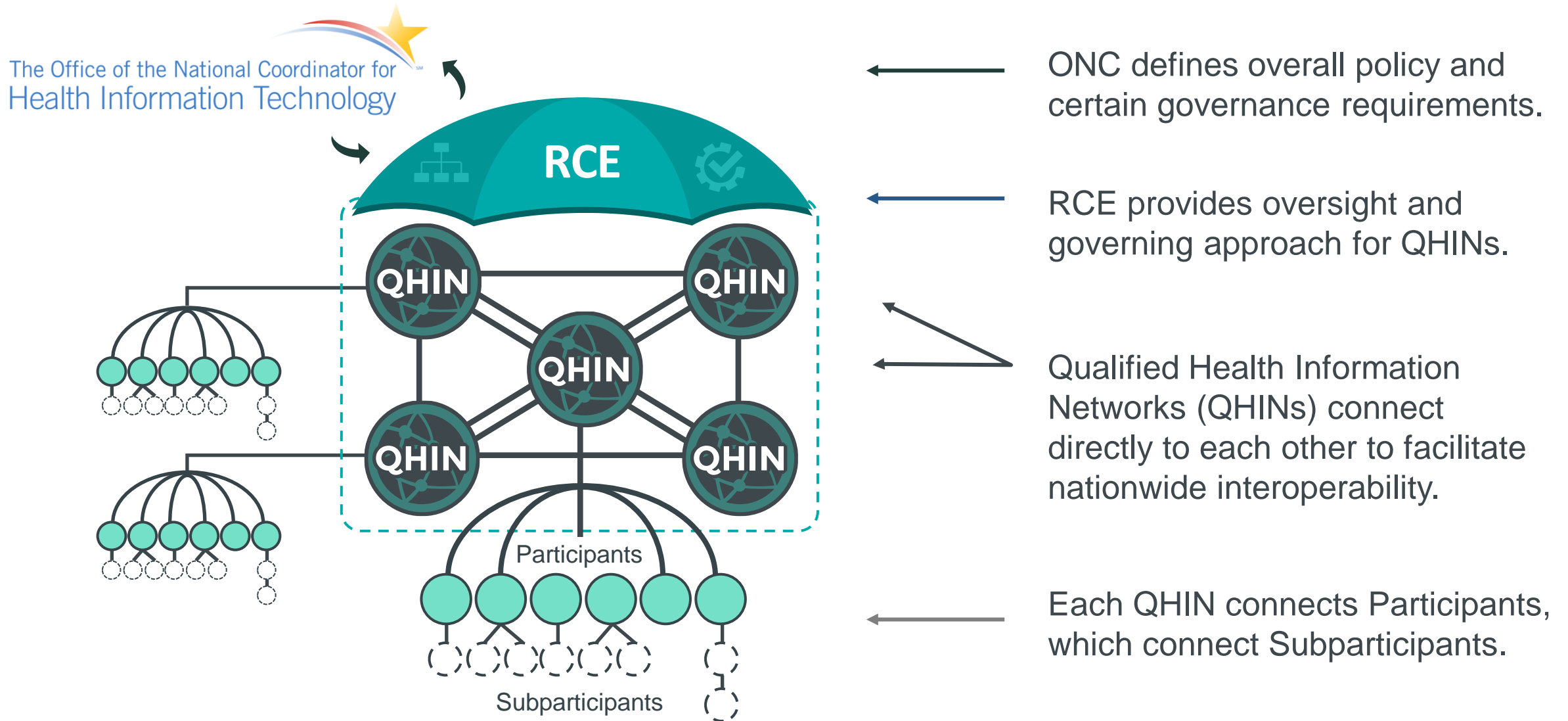
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This program is supported by the Office of the National Coordinator for Health Information Technology (ONC) of the U.S. Department of Health and Human Services (HHS) under grant number 90AX0026, Trusted Exchange Framework and Common Agreement - Recognized Coordinating Entity (RCE) Cooperative Agreement Program, in the amount of \$2,919,000 with 100 percent funded by ONC/HHS. 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.



- How will Exchange Work under TEFCA?
- What are TEFCA Components?
- Questions & Answers: Part 1
 - » Questions received during or after October monthly call
- TEFCA Facilitated FHIR Implementation Guide and Pilot
- Future Use Cases
 - » Payment and Health Care Operations
 - » Public Health
- Questions & Answers: Part 2
 - » Questions received during November monthly call

How will exchange work under TEFCA?



TEFCA Components



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Trusted
Exchange
Framework



Common
Agreement



Standard
Operating
Procedures



QHIN
Technical
Framework



QHIN
Onboarding



Metrics



Governing
Approach

Applications Can Now be Submitted!



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SequoiaProject.org

Welcome to your QHIN Application Web Forms!

Before you begin, please read the following instructions carefully.

General Overview Instructions

1. Before beginning either of the below forms, be sure that you have:
 - a. Thoroughly reviewed the QHIN Onboarding & Designation SOP;
 - b. Submitted your intent to apply and received a response from the RCE confirming receipt; AND
 - c. Met with an RCE representative, during which time the RCE has provided an overview of how to complete these forms.

Applications Can Now be Submitted



Part I – Basic Applicant Information

Part I – Basic Applicant Information +

Part II – Organizational Requirements +

Part III – Exchange of Required Information and Ability to Perform Functions of a QHIN +

Part IV – Organizational Infrastructure and Legal Authority +

Part V – QHIN Privacy and Security Requirements +

Part VI – Project Plan +

Part VII - Background References +

Part VIII - Attestation +

Question 1.

Please complete the following fields.

SUBMISSION ID *

APPLICANT'S LEGAL NAME *

List all other names under which the applicant does business (Doing Business As, Alias, Trademarks, etc.)



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TEFCA Facilitated FHIR Implementation Guide



- The RCE collected feedback on the draft TEFCA Facilitated FHIR Implementation Guide from October 7 through November 7.
- 17 Companies and Individuals submitted Feedback through the form and via emailed submissions
- 130 total comments were received
- Detailed feedback on certificate management was received that will have long ranging impact
- Many were able to give valuable insight into the technical aspects of authentication and authorization flows
- Details on the general requirements will give needed clarity.

Three-Year FHIR Roadmap for TEFCA



- ONC and the RCE have published the [“FHIR® Roadmap for TEFCA Exchange – Version 1.”](#)
- Evolving health IT landscape requires TEFCA to rapidly include approaches that support FHIR.
 - » Approach leverages current state of FHIR today and allows TEFCA policy and technical infrastructure to accelerate FHIR adoption into the future.
 - » In 2022, the RCE will launch working groups to initiate development of the use of FHIR for both QHIN-brokered and facilitated FHIR exchange.

Planned Stages of FHIR Availability in TEFCA:

Stage 1: FHIR Content Support

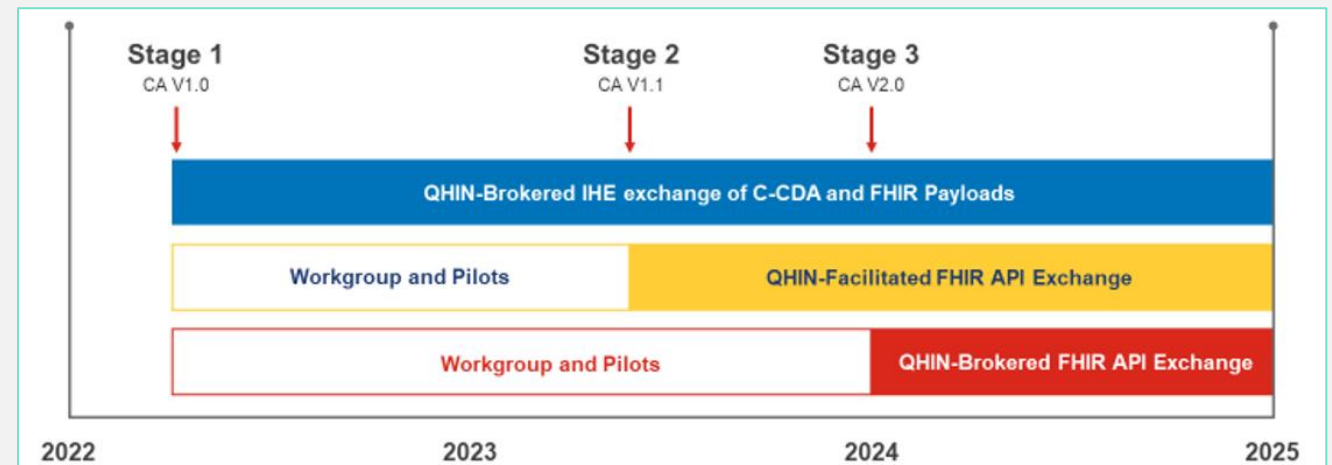
- FHIR exchange possible within QHINs’ own networks
- IHE exchange of FHIR payloads between QHINs *is possible with "out-of-band" coordination.*

Stage 2: Network-Facilitated FHIR Exchange

- QHIN-facilitated FHIR-based exchange available as an *option* under TEFCA.

Stage 3: Network-Brokered FHIR Exchange

- QHIN-facilitated FHIR-based exchange *required* under TEFCA
- QHIN-brokered FHIR API exchange *optionally* available.





- Facilitated Exchange
 - » Direct Point-to-Point FHIR exchange using QHIN policy and technical components :
 - FHIR end-point directory
 - Record location services
 - Security certificate infrastructure
 - Uniform contracting
 - Transparent rules-of-the-road
- Brokered Exchange
 - » FHIR exchange via the QHINs using the same routing as the IHE transaction-based exchange



- Used Carequality guide as a starting point and added/removed functionality to align with Stage 2 road map and ONC requirements
- The draft TEFCA FHIR IG includes:
 - » Facilitated exchange
 - » Patient discovery
 - » Record location
 - » FHIR end point discovery
 - » Dynamic Registration/UDAP
 - » Guidance for security



- Instead of forming a Work Group, engage input through open stakeholder feedback process and from pilot participants
- Organizations invited to participate in the pilot
 - » Participated in Carequality FHIR Connectathon; and/or
 - » Submitted letter of intent to apply to be a QHIN as of 11/7/2022; and/or
 - » Participate as a health plan member of HL7 FAST
- Prerequisites
 - » Familiarity with FHIR and current ability to support FHIR
 - » Familiarity with Dynamic Registration and ability to support UDAP
 - » Ability to participate in the pilot, including timelines and required development
 - » Commitment to participate
 - » Self-select their role in the pilot
- Certificate Authority: EMR Direct



Objective:

- To demonstrate readiness of FHIR exchange for operational deployment at scale
 - » Road test the IG by a representative group of HINs, providers, payers and IAS providers
 - » Demonstrate Client Dynamic Registration using UDAP

Approach

- Publish draft IG with 60-day stakeholder feedback period
- In parallel, provide for a short development window for “pilot” participants
- Facilitate connectathon style testing event involving test systems, dummy patient data for defined use case(s) / workflows, end to end
- Possibly facilitate additional connectathon style event open to all (under consideration)
- Publish final IG for adoption

NOTE:

- There will not be any designated QHINs for this process; pilot participants may or may not qualify as QHINs/QHIN Participants
- As a new HL7 standard, there may be a lag in deploying UDAP to FHIR architecture

Target Milestones



- Publish draft IG for stakeholder feedback – Oct 2022
- Publish revised IG for pilot purposes – Dec 2022
- Facilitate connectathon-style testing event(s) as pilot – Feb-Mar 2023
- Publish Final FHIR IG – May 2023



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Future Use Cases: Payment and Health Care Operations



- Collect stakeholder input to inform the first version of the TEFCA Payment & Health Care Operations Exchange Purpose Implementation SOPs to be published by early 2023.

- Timeline

Date	Activity
Jul 2022 – Nov 2022	1:1 SME Interviews & Small Group Meetings
Nov 2022	Refine Draft SOPs with ONC
Dec 2022	Publish SOPs for Stakeholder Comment
Early 2023	Publish SOPs for Production



- **Health Care Operations: Risk Management** means any of the following activities to the extent that the activities are related to the underlying health risk of an individual or population:
 - » Population-based activities relating to improving health or reducing health care costs; contacting of health care providers and patients with information about treatment alternatives; and related functions that do not include treatment.
- **Payment: Risk Adjustment** means the following:
 - » Risk adjusting amounts due based on individual and/or enrollee health status and demographic characteristics.



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Future Use Cases: Public Health

- Consensus Approach: RCE will work with Public Health subject matter experts to develop the Public Health Exchange SOP that outlines the various available exchange pathways using a QHIN and the common agreement. The PH SOP will point to Public Health Implementation Guides.
- Timeline

Date	Activity	Purpose
Dec 2022 – Jan 2023	1:1 PH SME Interviews	Gather Information & Input
Jan 2023 – Feb 2023	PH Stakeholder Feedback Meetings	Gather Feedback & Develop PH SOP
Feb 2023	Publish PH SOP for Stakeholder Comment	Refine & Make Final Edits



Resources

- Common Agreement v. 1
- QHIN Technical Framework
- FHIR® Roadmap for TEFCA
- Standard Operating Procedures
- QHIN Application
- Communication Protocols
- User's Guide
- Benefits of TEFCA by Stakeholder Factsheets
- FAQs

<https://rce.sequoiaproject.org/tefca-and-rce-resources/>

Additional Resources:

<https://www.healthit.gov/tefca>

All Events Registration and Recordings: <https://rce.sequoiaproject.org/community-engagement/>

Upcoming Monthly Informational Call:
Tuesday, January 17 | 12:00 – 1:00 p.m. ET
Registration coming soon!



Questions & Answers

For more information:
rce.sequoiaproject.org