



TEFCA Updates and Aggregated Patient Discovery Requirements

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Agenda

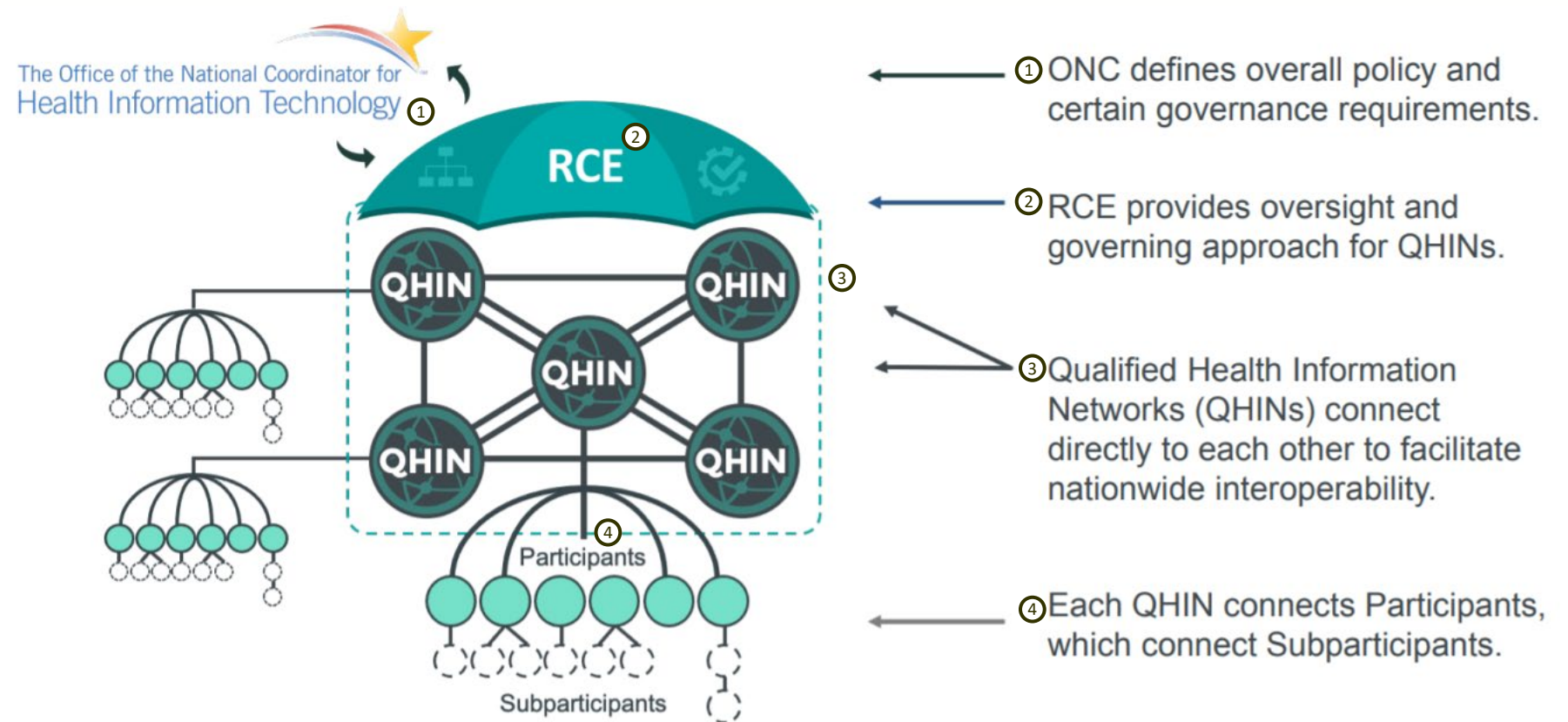
- TEFCA Overview - Reference
- TEFCA Monthly Technical Webinar Series
- TEFCA & eHealth Exchange Patient Discovery Aggregated Responses
- TEFCA Purpose of Use Clarifications
- TEFCA Operational Directory Sub-Participant Entries
- TEFCA Readiness Checklist Updates

- Q&A
- For More Information (Including Office Hours)



TEFCA Overview - Reference

How will TEFCA Work?



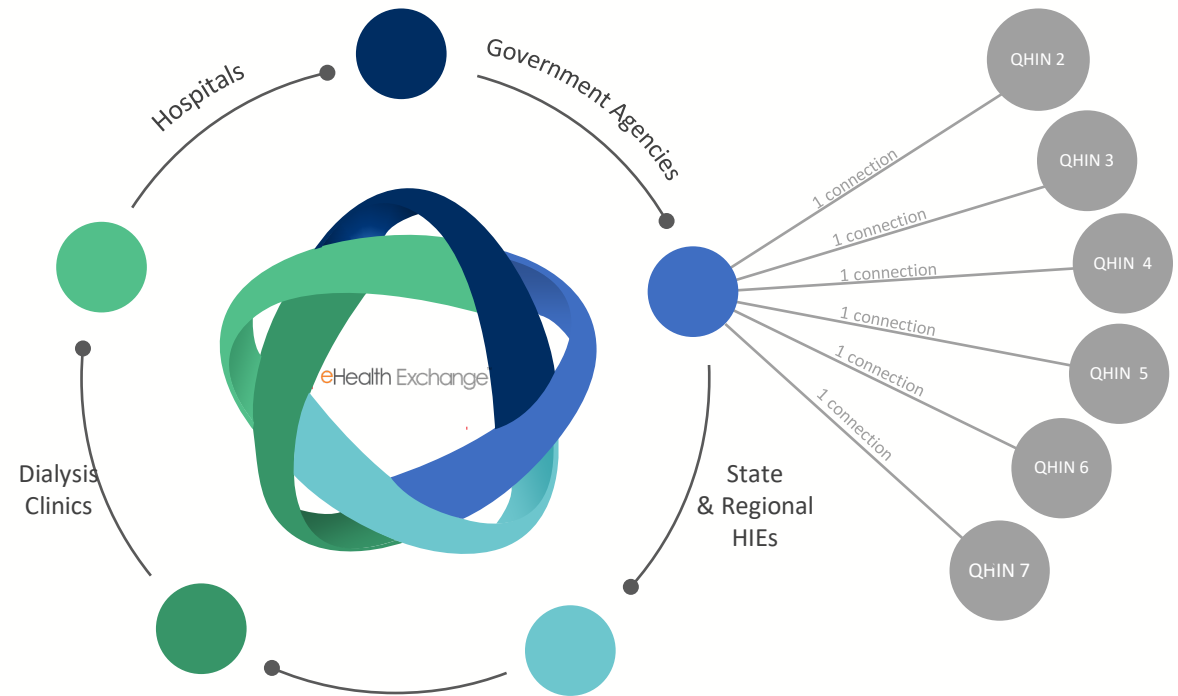
What is the Trusted Exchange Framework (TEFCA)?

It's a federally endorsed governance framework for **cross-network** exchange of healthcare records.

Similar to Carequality, it's a framework, and not a network:

- Technical & policy agreements
- Governing structure
- Federated architecture

Enables healthcare organizations connected to a TEFCA Qualified Health Information Network (QHIN) to exchange patient data with other healthcare organizations connected to other QHINs.



Which networks plan to exchange via TEFCA?

The HHS announced that the [eHealth Exchange](#) is one of six applicants that have had their applications to become a Qualified Health Information Network (QHIN) approved

eHealth Exchange™

Epic

 **commonwell**[®]
HEALTH ALLIANCE

 **HEALTH™
GORILLA**

 **Kno2**[®]

 **KONZA**
NATIONAL NETWORK

It's not yet clear which healthcare organizations will agree to exchange via TEFCA. Will yours?

eHealth Exchange QHIN: Intent to Participate

- These pioneers represent an intent to participate in the eHealth Exchange candidate QHIN from 10 HIEs across 15 states and Washington, DC:
- AL, AK, AZ, CA, CO, CT, DC, GA, IA, IN, MD, NE, TX, VA, and WV



What's changing?

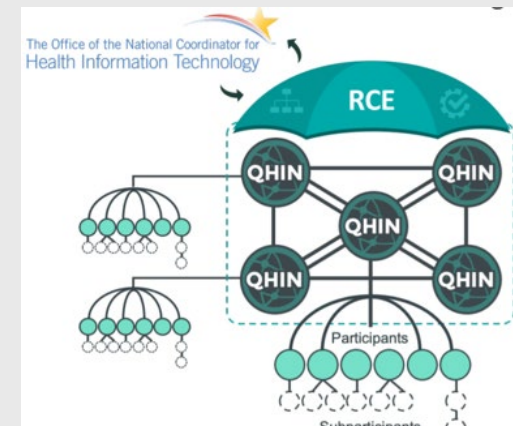
Prior to eHealth Exchange Connecting with TEFCA

Your organization can exchange with the eHealth Exchange's 320+ health systems, federal agencies, providers and provider collaboratives.



Once eHealth Exchange Goes Live on TEFCA

Option for your organization to **also** exchange with healthcare organizations participating in TEFCA QHINs.



How is the eHealth Exchange different?

eHealth Exchange

- ✓ National non-profit focused on the Public Good
- ✓ Single technical connection instead of hundreds
- ✓ Vendor agnostic
- ✓ 24x7x365 monitoring
- ✓ Enforced content quality assurance
- ✓ Analytics dashboard
- ✓ Broad federal agency connectivity
- ✓ Trust (no patient tracking, no selling data)

Other Networks

- ⚠ Single technical connection instead of hundreds
- ⚠ Vendor agnostic
- ⚠ 24x7x365 monitoring
- 🛑 Mandatory content testing
- ⚠ Analytics portal dashboard
- 🛑 Broad federal agency connectivity

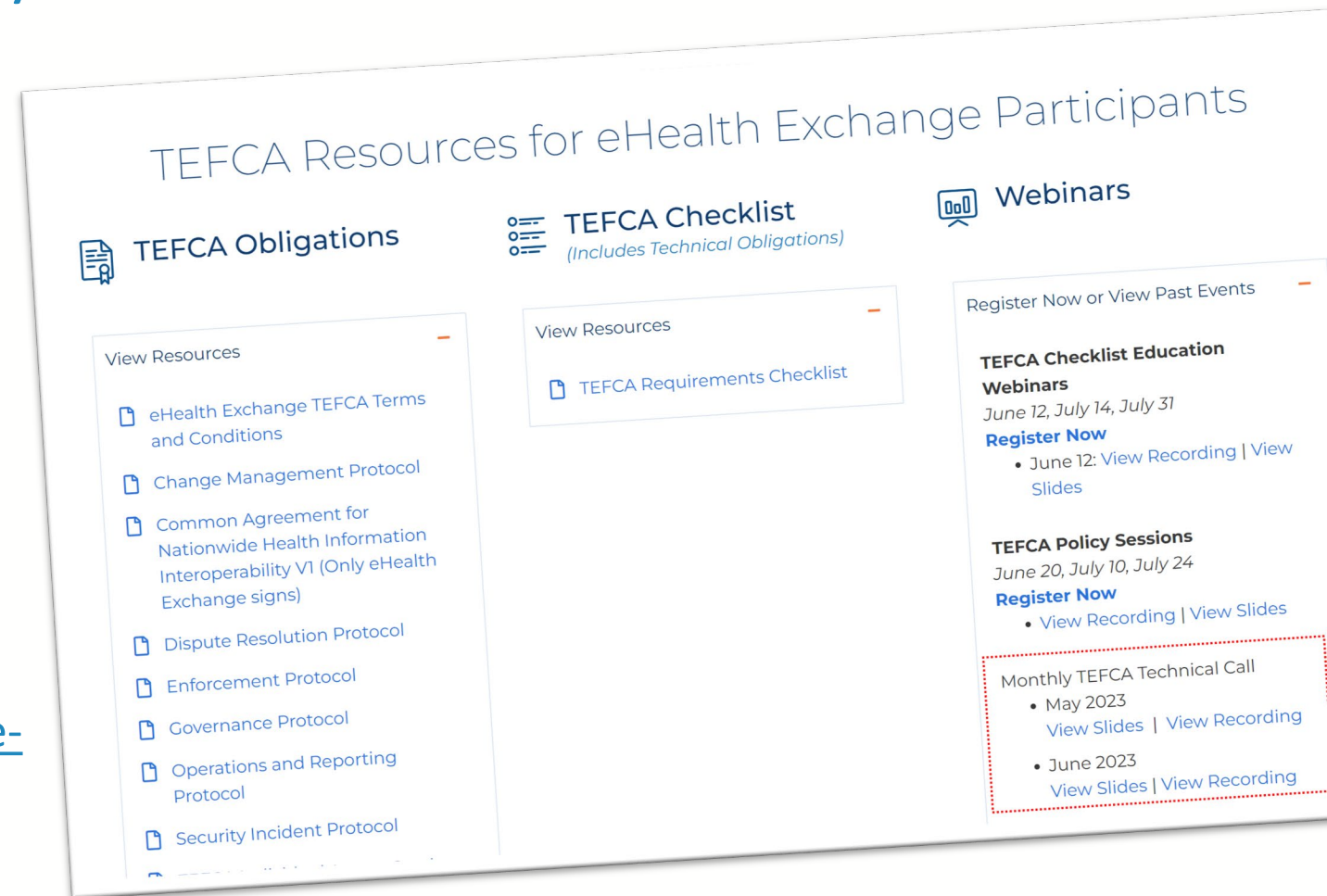
- ✓ Yes
- ⚠ Sometimes
- 🛑 No



TEFCA Monthly Technical Webinar Series

eHealth Exchange TEFCA Monthly Webinar Series

- Today's webinar is part of a series
- Prior webinars covered:
 - TEFCA Readiness Checklist
 - Individual Access Services Providers
 - Reporting Requirements
 - ATNA Logging
 - Error Handling
 - And more
- Prior webinars can be found at:
 - <https://ehealthexchange.org/what-we-do/tefca-and-ehealth-exchange/>



Current QHIN Testing Status

Transaction	eHealth Exchange QHIN Actor Role	External QHIN	Status
Patient Discovery (IHE XCPD)			
ITI-55 (PD) - Patient not found	Initiator	KONZA, HealthGorilla	Success
ITI-55 (PD) - Patient not found	Responder	KONZA, HealthGorilla	Success
ITI-55 (PD) – Broadcast	Initiator		
ITI-55 (PD) – Broadcast	Responder		
ITI-55 (PD) – Targeted	Initiator	HealthGorilla, KONZA	Success
ITI-55 (PD) – Targeted	Responder	HealthGorilla	Success
Query for Documents (IHE XCA)			
ITI-38 (QD)	Initiator		
ITI-38 (QD)	Responder	HealthGorilla	Success
Retrieve Documents (IHE XCA)			
ITI-39 (RD)	Initiator		
ITI-39 (RD)	Responder	HealthGorilla	Success
Document Submission (IHE XCDR)			
ITI-80 (Push)	Initiator		
ITI-80 (Push)	Responder		

Aggregated XCPD Responses

Two scenarios:

- 1) eHealth Exchange “group query”
- 2) TEFCA QHIN responses to eHealth Exchange Participants using a QHIN “broadcast query”

Note that the QHIN appears to allow for a single OR and aggregated XCPD response depending on the internal architecture of the QHIN (MPI or no-MPI).

Aggregated responses are not returned for TEFCA “targeted queries”.

This is a likely breaking change

IHE International Specification (Latest Version)

3.55.4 Messages

Initiating
Gateway

Responding
Gateway

Unfortunately, many organizations and technology vendors have implemented the XCPD Response in an oversimplified manner.

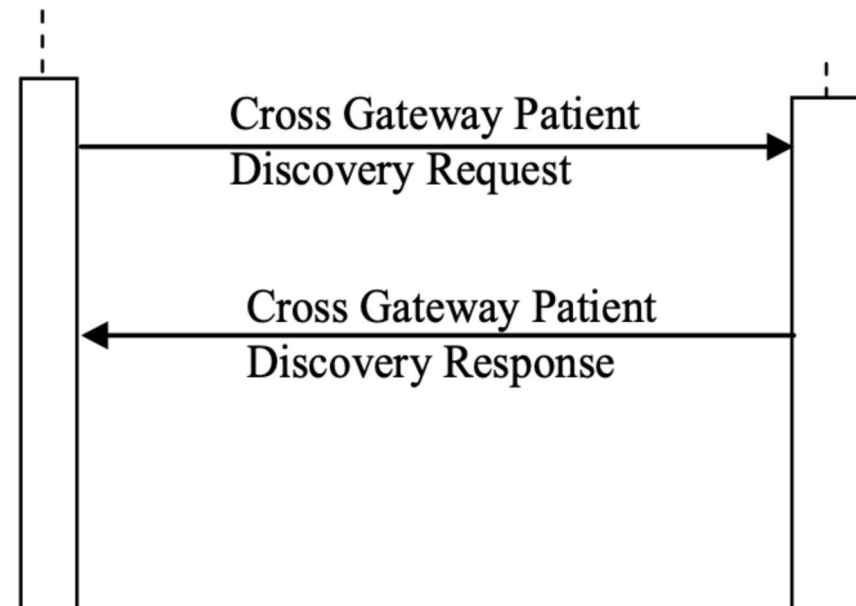


Image credit:
<https://profiles.ihe.net/ITI/TF/Volume2/ITI-55.html>

IHE International Specification (Latest Version)

3.55.4.1.3.1 Query Parameter Processing

The Responding Gateway shall be capable of accepting, searching on, and responding with attributes in the Query Person by Demographics message.

Handling of phonetic issues, alternate spellings, upper and lower case, accented characters, etc., if deemed appropriate, is to be supported by the Responding Gateway rather than by the Initiating Gateway. The Responding Gateway shall return any matches to the query parameters that reflect a high degree of match, after consideration of all policy constraints; IHE does not further specify matching requirements, except as already discussed in the LivingSubjectName parameter description.

Source:

<https://profiles.ihe.net/ITI/TF/Volume2/ITI-55.html>

eHealth Exchange Specifications: More Than One Subject

```
<id root="1.2.840.114350.1.13.0.1.7.1.1" extension="35423"/>
</targetMessage>
</acknowledgement>
<controlActProcess classCode="CACT" moodCode="EVN">
  <code code="PRPA_TE201306UV02" codeSystem="2.16.840.1.113883.1.6"/>
  <subject typeCode="SUBJ">
    <registrationEvent classCode="REG" moodCode="EVN">
      <id nullFlavor="NA"/>
      <statusCode code="active"/>
      <subject1 typeCode="SBJ">
        <patient classCode="PAT">
          <id root="1.2.840.114350.1.13.99998.8734" extension="34827K410"/>
          <statusCode code="active"/>
          <patientPerson>
```

```
</subject>
<subject typeCode="SUBJ">
  <registrationEvent classCode="REG" moodCode="EVN">
    <id nullFlavor="NA"/>
    <statusCode code="active"/>
    <subject1 typeCode="SBJ">
      <patient classCode="PAT">
        <id root="1.2.840.114350.1.13.99998.4029401" extension="34827R534"/>
        <statusCode code="active"/>
        <patientPerson>
```

Source:
<https://s3.amazonaws.com/seqprojectehex/wp-content/uploads/2018/09/28214615/nhin-patient-discovery-production-specification-v2.0.pdf> p 24

eHealth Exchange Aggregated XCPD Responses for Group Queries

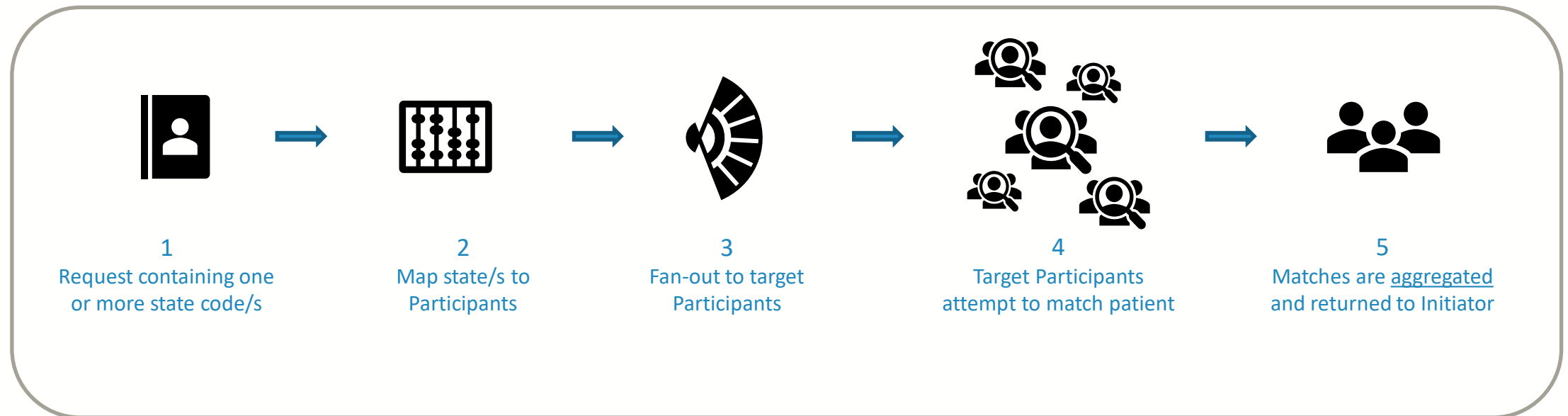


Image credit: Mike Yackanich

Aggregated XCPD Responses Sequence Diagram

Interactive
review

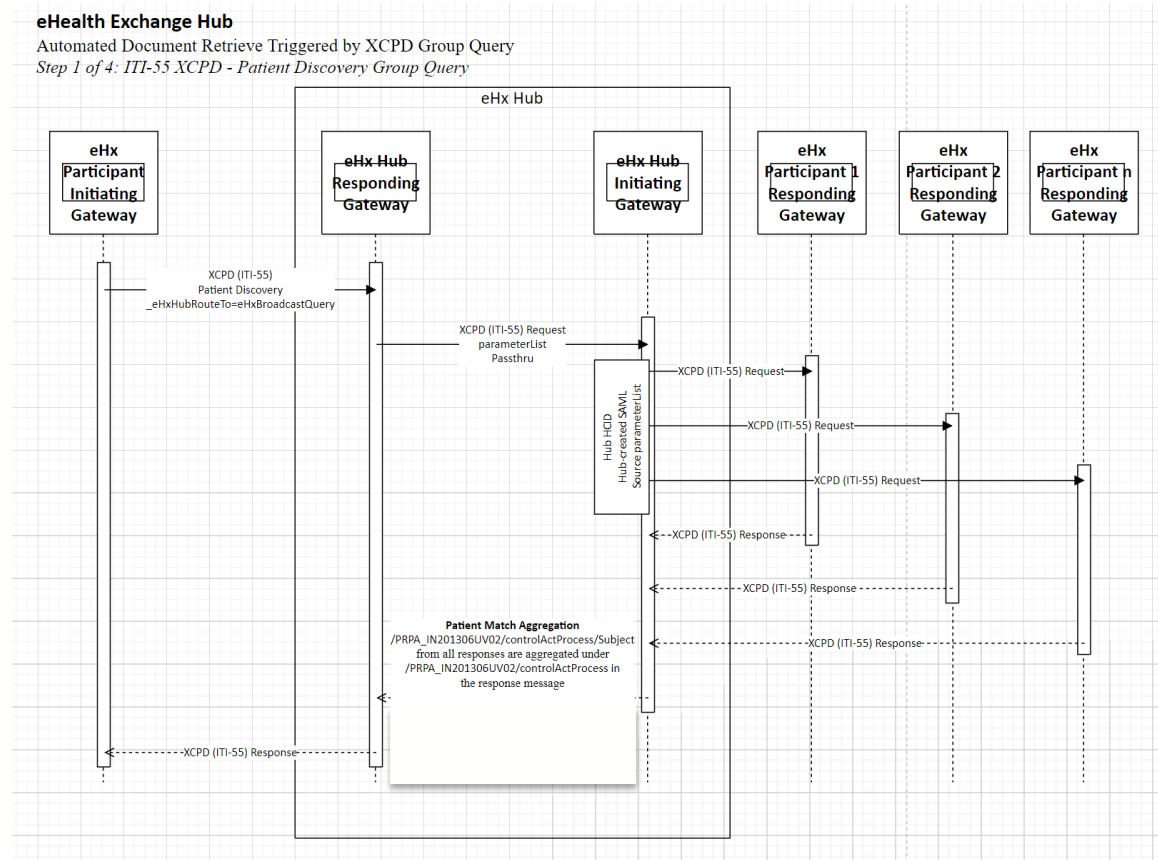


Image credit: Mike Yackanich

Qualified Health Information Exchange Technical Framework (QTF)



Qualified Health Information Exchange Technical Framework (QTF)

From the eHealth Exchange TEFCA Requirements Checklist for Participants:

ID	Technical Messages	Current Considerations *	Citations/Links	RCE Requirement(s)
TM-01	XCPD Aggregated Responses: Initiating systems must support receiving Patient Discovery (XCPD) aggregated responses. (eHealth Exchange Hub Group Queries can return XCPD aggregated responses as can broadcast queries.) This requirement is anticipated to require development work for initiating gateways.	Participants must be capable of receiving aggregated XCPD responses.	https://profiles.ihe.net/ITI/TF/Volume2/ITI-55.html#3.55.4.2.2.4	QTF-028 QTF-034

XCPD (IHE ITI-55) Patient Discovery Message Request Structure

```
<s:Envelope xsi:schemaLocation="urn:ihe:iti:xcpd:2009" xmlns:a="http://www.w3.org/2005/08/addressing" xmlns:s="http://www.w3.org/2003/05/soap-envelope" xmlns:xcpd="urn:ihe:iti:xcpd:2009" xmlns:xs="http://www.w3.org/2001/XMLSchema-instance">
  <s:Header>
    <s:Body>
      <PRPA_IN201305UV02 ITSVersion="XML_1.0" xmlns="urn:hl7-org:v3">
        <id extension="1" root="14672702-66AA-11E4-82DB-50569C610700"/>
        <creationTime value="20160224120844-0500"/>
        <interactionId extension="PRPA_IN201305UV02" root="1.2.16.840.1.113883.1.6"/>
        <processingCode code="T"/>
        <processingModeCode code="T"/>
        <acceptAckCode code="AL"/>
        <receiver typeCode="RCV"/>
        <sender typeCode="SND"/>
        <controlActProcess classCode="CACT" moodCode="EVN">
          <code code="PRPA_TE201305UV02" codeSystem="2.16.840.1.113883.1.6"/>
          <authorOrPerformer typeCode="AUT">
            <queryByParameter>
              <queryId extension="1" root="146726D0-66AA-11E4-82DB-50569C610700"/>
              <statusCode code="new"/>
              <responseModalityCode code="R"/>
              <responsePriorityCode code="I"/>
              <parameterList>
                <livingSubjectAdministrativeGender>
                  <value code="M"/>
                  <semanticsText>LivingSubject.administrativeGender</semanticsText>
                </livingSubjectAdministrativeGender>
                <livingSubjectBirthTime>
                  <value value="19631120"/>
                  <semanticsText>LivingSubject.birthTime</semanticsText>
                </livingSubjectBirthTime>
                <livingSubjectId>
                  <value extension="987654320" root="2.16.840.1.113883.4.1"/>
                  <semanticsText>LivingSubject.id</semanticsText>
                </livingSubjectId>
                <livingSubjectName>
                  <value use="SRCH">
                    <given>JOHNFIRST</given>
                    <given>BOBMIDDLE</given>
                    <family>ZZTESTLAST</family>
                  </value>
                  <semanticsText>LivingSubject.name</semanticsText>
                </livingSubjectName>
              </parameterList>
            </queryByParameter>
          </controlActProcess>
        </PRPA_IN201305UV02>
      </s:Body>
    </s:Header>
  </s:Envelope>
```

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://www.w3.org/2003/05/soap-envelope" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:s="http://www.w3.org/2003/05/soap-envelope" xmlns:wsa="http://www.w3.org/2005/08/addressing" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <SOAP-ENV:Header>
    <SOAP-ENV:Body>
      <PRPA_IN201306UV02 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0">
        <id root="E9F7065C-E49A-11E5-9421-50569C0E8A00"/>
        <creationTime value="20160307132930-0600"/>
        <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201306UV02"/>
        <processingCode code="T"/>
        <processingModeCode code="I"/>
        <acceptAckCode code="NE"/>
        <receiver typeCode="RCV"/>
        <sender typeCode="SND"/>
        <acknowledgement>
          <controlActProcess classCode="CACT" moodCode="EVN">
            <code code="PRPA_TE201306UV02" codeSystem="2.16.840.1.113883.1.6"/>
            <subject contextConductionInd="false" typeCode="SUBJ" xmlns:hl7="urn:hl7-org:v3">
              <registrationEvent classCode="REG" moodCode="EVN">
                <id nullFlavor="NA"/>
                <statusCode code="active"/>
                <subject1 typeCode="SBJ">
                  <patient classCode="PAT">
                    <id extension="100000037" root="2.16.840.1.113883.3.1490.1.1.1.2"/>
                    <statusCode code="active"/>
                    <patientPerson classCode="PSN" determinerCode="INSTANCE">
                      <name>
                        <given>JOHNFIRST</given>
                        <given>BOBMIDDLE</given>
                        <family>ZZTESTLAST</family>
                      </name>
                      <administrativeGenderCode code="M"/>
                      <birthTime value="19631120"/>
                      <addr use="H">
                        <streetAddressLine>456 Main Street </streetAddressLine>
                        <city>Austin</city>
                        <state>TX</state>
                        <country>US</country>
                        <postalCode>78737</postalCode>
                      </addr>
                      <asOtherIDs classCode="CIT">
                        <id extension="987654320" root="2.16.840.1.113883.4.1"/>
                        <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
                          <id root="2.16.840.1.113883.4.1"/>
                        </scopingOrganization>
                      </asOtherIDs>
                    </patientPerson>
                  </subject1>
                </registrationEvent>
              </subject>
            </controlActProcess>
          </acknowledgement>
        </PRPA_IN201306UV02>
      </SOAP-ENV:Body>
    </SOAP-ENV:Header>
  </SOAP-ENV:Envelope>
```

Non-Aggregated Response Structure

```
'http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd'>
<SOAP-ENV:Header>
<SOAP-ENV:Body>
  <PRPA_IN201306UV02 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:hl7-org
    ITSVersion="XML_1.0">
    <id root="E9F7065C-E49A-11E5-9421-50569C0E8A00"/>
    <creationTime value="20160307132930-0600"/>
    <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201306UV02"/>
    <processingCode code="T"/>
    <processingModeCode code="I"/>
    <acceptAckCode code="NE"/>
    <receiver typeCode="RCV"/>
    <sender typeCode="SND"/>
    <acknowledgement>
    <controlActProcess classCode="CACT" moodCode="EVN">
      <code code="PRPA_TE201306UV02" codeSystem="2.16.840.1.113883.1.6"/>
      <subject contextConductionInd="false" typeCode="SUBJ" xmlns:hl7="urn:hl7-org:v3">
        <queryAck>
          <queryId root="146726D0-66AA-11E4-82DB-50569C610700" extension="1"/>
          <queryResponseCode code="OK"/>
        </queryAck>
        <queryByParameter>
          <queryId extension="1" root="146726D0-66AA-11E4-82DB-50569C610700"/>
          <statusCode code="new"/>
          <responseModalityCode code="R"/>
          <responsePriorityCode code="I"/>
          <parameterList>
            <livingSubjectAdministrativeGender>
              <value code="M"/>
              <semanticsText>LivingSubject.administrativeGender</semanticsText>
            </livingSubjectAdministrativeGender>
            <livingSubjectBirthTime>
              <value value="19631120"/>
              <semanticsText>LivingSubject.birthTime</semanticsText>
            </livingSubjectBirthTime>
            <livingSubjectId>
              <value extension="987654320" root="2.16.840.1.113883.4.1"/>
              <semanticsText>LivingSubject.id</semanticsText>
            </livingSubjectId>
            <livingSubjectName>
              <value use="SRCH">
                <given>JOHNFIRST</given>
                <given>BOBMIDDLE</given>
                <family>ZZTESTLAST</family>
              </value>
            </livingSubjectName>
          </parameterList>
        </queryByParameter>
      </subject>
    </controlActProcess>
  </PRPA_IN201306UV02>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Note that the responder HCID value for each match is available using the following XPath
/PRPA_IN201306UV02/controlActProcess/subject/registrationEvent/custodian/assignedEntity/id/@root

Aggregated Response Structure

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV='http://www.w3.org/2003/05/soap-envelope' xmlns:xsi='http://www.w3.org/2001/XMLSchema-instance' xmlns:s='http://www.w3.org/2001/XMLSchema' xmlns:wsa='http://www.w3.org/2005/08/addressing' xmlns:wsse='http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd' xmlns:wsu='http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd'>
  <SOAP-ENV:Header>
  <SOAP-ENV:Body>
    <PRPA_IN201306UV02 xmlns:xsi='http://www.w3.org/2001/XMLSchema-instance' xmlns='urn:hl7-org:ITSVersion="XML_1.0">
      <id root="E9F7065C-E49A-11E5-9421-50569C0E8A00"/>
      <creationTime value="20160307132930-0600"/>
      <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201306UV02"/>
      <processingCode code="T"/>
      <processingModeCode code="I"/>
      <acceptAckCode code="NE"/>
      <receiver typeCode="RCV"/>
      <sender typeCode="SND"/>
      <acknowledgement>
      <controlActProcess classCode="CACT" moodCode="EVN">
        <code code="PRPA_TE201306UV02" codeSystem="2.16.840.1.113883.1.6"/>
        <subject contextConductionInd="false" typeCode="SUBJ" xmlns:hl7="urn:hl7-org:v3">
        <subject typeCode="SUBJ" xmlns:hl7="urn:hl7-org:v3">
        <subject typeCode="SUBJ" xmlns:hl7="urn:hl7-org:v3">
      <queryAck>
      <queryByParameter>
        <queryId extension="1" root="146726D0-66AA-11E4-82DB-50569C610700"/>
        <statusCode code="new"/>
        <responseModalityCode code="R"/>
        <responsePriorityCode code="I"/>
        <parameterList>
          <livingSubjectAdministrativeGender>
            <value code="M"/>
            <semanticsText>LivingSubject.administrativeGender</semanticsText>
          </livingSubjectAdministrativeGender>
          <livingSubjectBirthTime>
            <value value="19631120"/>
            <semanticsText>LivingSubject.birthTime</semanticsText>
          </livingSubjectBirthTime>
          <livingSubjectId>
            <value extension="987654320" root="2.16.840.1.113883.4.1"/>
            <semanticsText>LivingSubject.id</semanticsText>
          </livingSubjectId>
          <livingSubjectName>
            <value use="SRCH">
              <given>JOHNFIRST</given>
              <given>BOBMIDDLE</given>
              <family>ZZTESTLAST</family>
            </value>

```

References

- eHealth Exchange
 - <https://s3.amazonaws.com/seqprojectehex/wp-content/uploads/2018/09/28214615/nhin-patient-discovery-production-specification-v2.0.pdf>
- The current version of the IHE Cross Gateway Patient Discovery (ITI-55) may be found at:
 - <https://profiles.ihe.net/ITI/TF/Volume2/ITI-55.html>
- TEFCA
 - <https://ehealthexchange.org/what-we-do/tefca-and-ehealth-exchange/>

TEFCA Clarifications from the RCE

- **PurposeOfUse:** Use only RCE-approved Purpose of Use code(s) in SAML headers. Initiators must use only TREATMENT, PAYMENT, OPERATIONS, PUBLICHEALTH, and REQUEST Purpose of Use values, and must include **only one** PurposeOfUse attribute in a request. Responders must support TREATMENT and REQUEST Purpose of Use values. The eHealth Exchange Hub validates this requirement is met as per the Feb 2023 release. An SOAP fault is returned upon error. The QTF does not indicate the code system at this time. **This is a likely breaking change that could potentially cause failures elsewhere in the interoperability workflow.**

Note that while the QTF has not indicated the code system at this time, the RCE has instructed QHINs and Participants to use the following:

```
<saml2:Attribute
  Name="urn:oasis:names:tc:xspa:1.0:subject:purposeofuse">
  <saml2:AttributeValue>
    <PurposeOfUse
      code="TREATMENT"
      codeSystem="2.16.840.1.113883.3.7204.1.5.2.1"
      codeSystemName="RCE-purpose"
      displayName="Treatment"
      xsi:type="CE" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      xmlns="urn:hl7-org:v3"/>
    </saml2:AttributeValue>
  </saml2:Attribute>
```

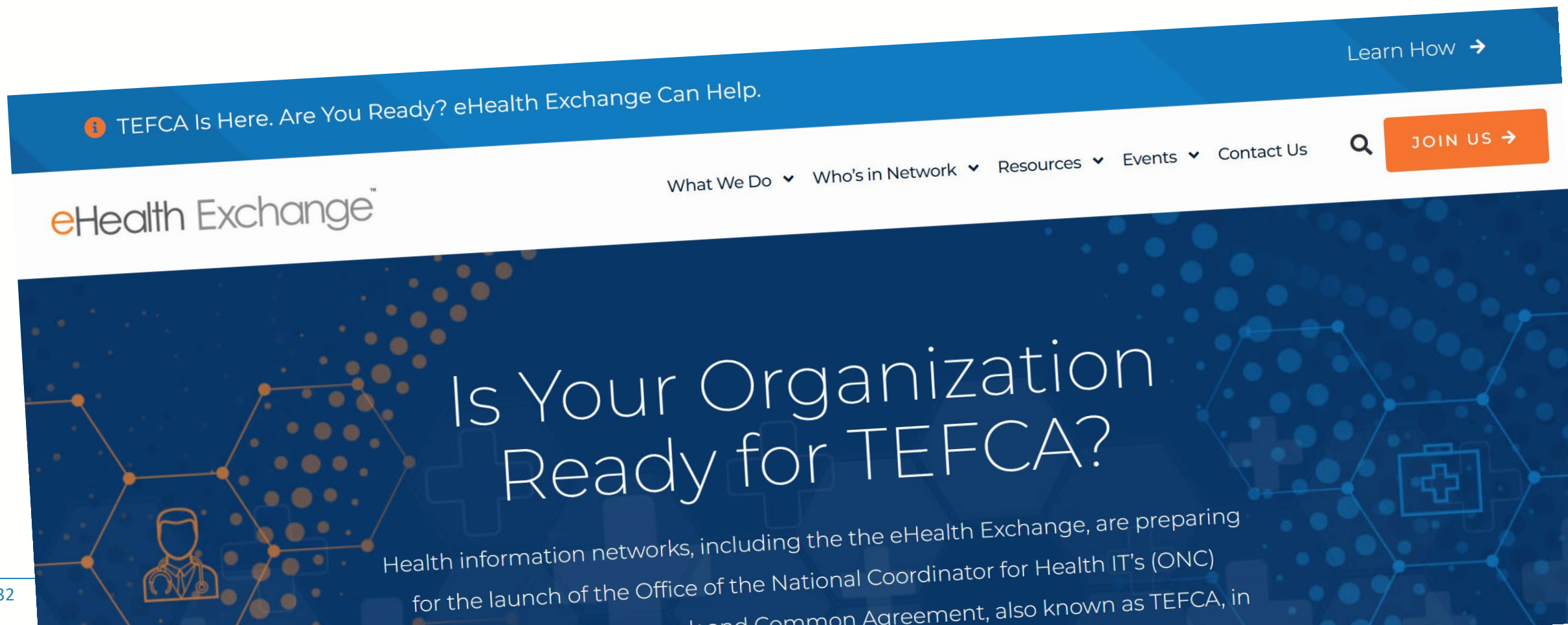
As per RCE information, the eHealth Exchange uses the code system as per the test case. The code system may change.

TEFCA Operational Directory Sub-Participant Entries

- Can be scoped-down to just Participants during queries
- The UDDI will only show the highest-level entries
- Based on existing directory entries
- May also use data from other sources if viable
- **Likely major operational impact**
- Announcement expect this Thursday on the eHealth Exchange All Participants call

For More TEFCA eHealth Exchange Information

- <https://ehealthexchange.org/what-we-do/tefca-and-ehealth-exchange/>



TEFCA Participant Flow-Down Checklist

- **UPDATED!** TEFCA Checklist (focus on technical requirements)
 - **UPDATED:** Purpose of Use clarifications
 - USCDI v1 Optional ITP Content Validation
 - Performance & Service Specifications
 - Data Classes & Elements
 - Technical Messages
 - Directory (Populating & Consuming)
 - Operations
 - Reporting
 - Individual Access Services Providers
- Other Checklist items (not covered today)
 - Testing Requirements
 - Legal Flow-Downs
 - eHealth Exchange TEFCA Protocols



Readiness Checklist Directory & Reporting

- <https://ehealthexchange.org/what-we-do/tefca-and-ehealth-exchange/>

eHealth Exchange

Readiness Checklist for Connectivity to the Trusted Exchange Framework (TEFCA) via eHealth Exchange

Overview: While the eHealth Exchange Hub will address many of the new TEFCA requirements on its Participants' behalf, the requirements below represent Trusted Exchange Framework (TEFCA) requirements for eHealth Exchange Framework via eHealth Exchange must satisfy not only existing eHealth Exchange requirements, but also all of the supplemental TEFCA requirements below. The requirements below may represent a subset of the requirements that will be required for eHealth Exchange Framework via eHealth Exchange.

This is a living document: As the Recognized Coordinating Entity (RCE) and Office of the National Coordinator (ONC) publish and revise artifacts at <https://rce.sequoiaproject.org/tefca-and-rce-resources/>, this document will be updated to reflect the latest requirements.

Audience: Potential eHealth Exchange QHIN Participants seeking to understand the eHealth Exchange QHIN's Participant TEFCA requirements. The reader should have a basic knowledge of eHealth Exchange Framework and the eHealth Exchange QHIN's Participant TEFCA requirements.

General Operational Concept: The eHealth Exchange QHIN Hub acts as a bi-directional TEF gateway for eHealth Exchange Participants that don't opt-out of eHealth Exchange TEFCA exchange. The eHealth Exchange QHIN Hub facilitates the flow of TEFCA requirements flow down to Participants, and their Sub-Participants.

Terms used (Also see the References section far below):

- TEF = Trusted Exchange Framework, the structure consisting of QHIN-to-QHIN health data exchanges, established by the TEFCA legal agreement, SOPs, and technical specifications.
- QHIN = Qualified Health Information Network.
- eHealth Exchange QHIN Hub = A unique instance of the eHealth Exchange Hub technology facilitating TEFCA transactions.

ID	Performance & Service Specification Requirements	Additional Considerations *	Citations/Links
			https://www.healthcare.gov/core-data-integration/

References

- Please see this section of the TEFCA Flowdown Checklist for more details, especially the eHealth Exchange analysis and educational materials for TEFCA Participants:

References:

eHealth Exchange TEFCA Terms & Conditions, TEFCA educational materials, TEFCA (Draft) procols, etc.

<https://ehealthexchange.org/what-we-do/tefca-and-ehealth-e>

eHealth Exchange Technical Specifications

<https://ehealthexchange.org/testing-program/technical-specifi>

USCDI v1

<https://www.healthit.gov/isa/sites/isa/files/2020-10/USCDI-Ve>

Project US@

<https://oncprojecttracking.healthit.gov/wiki/download/attachr>

IHE ITI Tech Framework v17+

<https://profiles.ihe.net/ITI/TF/index.html>

TEFCA QHIN QTF v1.0

<https://rce.sequoiaproject.org/wp-content/uploads/2022/01/C>

Concise C-CDA v2.0

<https://carequality.org/wp-content/uploads/2022/03/Improve>

Older IHE ITI Tech Framework v17 cited by the QTF

https://www.ihe.net/uploadedFiles/Documents/ITI/IHE_ITI_TF

ONC RCE TEFCA Resources

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

QTF v1

<https://rce.sequoiaproject.org/wp-content/uploads/2022/01/C>

RCE TEFCA flow down provisions

<https://rce.sequoiaproject.org/summary-of-required-flow-dow>

RCE Common Agreement

<https://rce.sequoiaproject.org/wp-content/uploads/2022/01/C>

RCE Individual Access Standard Operating Procedure

<https://rce.sequoiaproject.org/wp-content/uploads/2022/09/F>

NIST 800-63A Digital Identity Guidelines

<https://pages.nist.gov/800-63-3/sp800-63a.html>

Major Technical Differences eHealth Exchange QHIN Participants Must Support

1. Adopt USDCI v1 data classes and elements
2. Adhere to the Concise Consolidated CDA 1.1 Specification
3. Adhere to Project US@ patient addressing
4. Adopt IHE ITI Technical Framework Revisions 17.0 (versus Revision 8.0)
5. Accept aggregated XCPD responses
6. Various requirements such Purpose Of Use values, different consent attribute structure, sub-participant directory entries and detailed reporting, onboarding log submissions, specific test patients, and quarterly reporting.

Next Steps

1. Review the published policy documents (not discussed today)
2. Review the TEFCA Readiness Checklist
3. Let the eHealth Exchange staff know of your organization's intentions

email: administrator@ehealthexchange.org

How might I obtain additional information?

How	When	Where
1. Visit eHealth Exchange Web Site	Any time	https://ehealthexchange.org/what-we-do/tefca-and-ehealth-exchange
2. Monthly Participant Web Meetings	Typically, the 3rd Thursday of Each Month at 1 pm ET	https://ehealthexchange.org/events
3. Monthly TEFCA Policy Compliance Meetings	Dates coming soon!	https://ehealthexchange.org/events
4. Monthly TEFCA Technical Compliance Meetings	Dates coming soon!	https://ehealthexchange.org/events
5. Email	Any time if you have a specific question	administrator@ehealthexchange.org
6. TEFCA Office Hours (Q&A)	8/30, 9/11, 9/27, 10/25, 11/29, 12/11, 1/8, 1/24	administrator@ehealthexchange.org