eHealth Exchange™
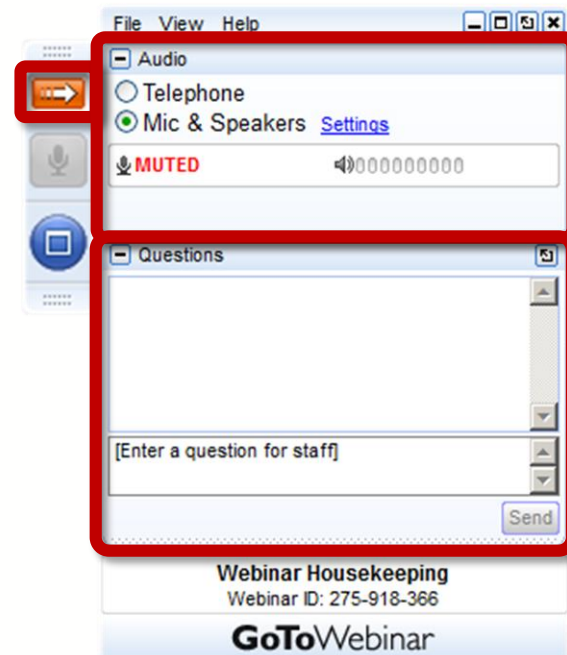
All Participant Call

Kati Odom-Bell

Pat Russell

Mike Yackanich

Mike McCune

Jay Nakashima

Didi Davis

How Do I Participate?

Your Participation

Open and close your control panel

Join audio:
- Choose "Mic & Speakers" to use VoIP
- Choose "Telephone" and dial using the information provided

Submit questions and comments via the Questions panel

Note: Today's presentation is being recorded and will be provided within 48 hrs

Problems or Questions? Contact Dawn Van Dyke

dvandyke@ehealthexchange.org or 703.864.4062

Today's Topics

1. New Participants	Kati Odom Bell
2. Coordinating Committee Elections	Pat Russell
3. DURSA Enforcement	Jay Nakashima
4. Carequality Update	Mike McCune/Jay Nakashima
5. Request for FHIR Responder Testing	Jay Nakashima/Mike McCune
6. Hub Update	Mike Yackanich
7. Content Validation	Didi Davis
8. FHIR R4 Update	Kati Odom Bell
9. Certificate Authority Transition Update	Kati Odom Bell
10. Q&A	Everyone

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New Participants

Congratulations to our newest Participants!

- University of Louisville Physicians, Epic, KY

Committed to Improving Patient Care via Data Exchange

Coordinating Committee Elections

2021 Coordinating Committee (CC) Seats

	Representative	Term Date
HIO	Mike Dittemore, RN	9/30/2022
	John Kansky	9/30/2023
IDN	Doug Dietzman	9/30/2021
	John Mattison, MD	9/30/2020
	Matt Eisenberg, MD	9/30/2022
	Paul Matthews	9/30/2022
	Ryan Stewart	9/30/2023
Other	Chris Akeroyd	9/30/2021
	Jarrod Pearson	9/30/2021

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2021 Coordinating Committee (CC) Election Timelines

- June 15 - Coordinating Committee designates Nominating Committee (3+ people)
- July 5-9 - Distribute CC Application to Nominating Committee for suggested changes/approval
- July 15- Announce elections on monthly All Participant Call
- July 16 - Email Participant notice for elections
- July 19 - Open for applications
- August 6 - Close application Period
- August 9 - 13 - Nominating Committee Review Applications
- August 13 - Nominating Committee finalizes slate of nominees (Nominating Committee teleconference)
- August 17 - Coordinating Committee approves slate of nominees
- August 23-27 - Participants Vote
- August 30 - Sept 3 - Time for runoff if needed
- Sept 7 - Notice to Participants
- Sept 8 – October 1, Orientation
- Sept 21 - New Coordinating Committee Members shadow CC Call
- October 19- First New CC Member meeting

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DURSA Enforcement

3 HIEs Terminated from eHealth Exchange Participation

- First termination in eHealth Exchange's 15 year history

- **<u>Required</u>** by DURSA section 19.04(a) for not providing a plan of correction in response to suspension for breach of the DURSA's duty to respond

- Effective today (4/15/2021)

- Coordinating Committee <u>sincerely</u> hopes they can resolve the impediments they perceive as preventing them from responding uniformly to requests for information for treatment and will apply to rejoin

1. Healthix - St. James, NY

2. HealtheConnections - Syracuse, NY

3. HEALTHeLINK - Depew, NY

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Carequality Bridge Updates

Carequality Operational Updates

Hub transform deployment

- On April 1st, four new transforms for Carequality connectivity were deployed to the production Hub
- The new transforms were applied to CommonWell only. CommonWell connectivity was a major driver of the new transforms

Production validation

- Three Participants confirmed interoperability with at least XCPD requests and received an expected reply from CommonWell

Go forward plans

- eHealth Exchange is reviewing a potential need to apply transforms to additional Carequality implementer connections
- Only one other implementer MAY need the transforms at this time

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Carequality Retrieve Document Limitation

Current Blocker

- CommonWell (as well as some other implementers) only accept a Retrieve Document request that retrieves one document; they reject RD requests identifying multiple documents

Alternative Approach

- To successfully exchange with CommonWell, if the QD response from CommonWell identifies more than one document, your system must send multiple RD requests to CommonWell, one request for each document in the QD response.

Proposal

- The eHealth Exchange is proposing new guidance for both the eHealth Exchange and Carequality networks that would allow a RD request with multiple documents but place a specific limit on the number of documents per RD request, such as 10. Details on this proposal were covered in a prior technical workgroup call.

Request for FHIR Responder Testing

FHIR Responders – Proof of Concept Testing

- The eHealth Exchange is recruiting participants to exchange validation data (i.e., no-PHI) for a proof of concept (POC) with the FDA. The pandemic has highlighted the importance of FDA's regulatory mission to ensure the safety of vaccines in a post-authorization setting. The objective of this POC is to determine the ability of an exchange infrastructure to confirm that previously reported/identified vaccine adverse event cases (e.g., facial nerve palsy following immunization) meet clinical case definition criteria. Though this use case is consistent with established eHealth Exchange policy (i.e., DURSA), this POC will not involve production (PHI) servers and will not be used for regulatory purposes.

- In short, the eHealth Exchange is actively seeking an organization to act as a responding gateway to inbound FHIR patient resource queries/retrieves. Is your organization interested in participating? If so, let's setup a brief call to discuss how to connect to your non-production FHIR server and address any business concerns. Please contact mmccune@ehealthexchange.org.

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eHealth Exchange Hub

Upgrade Project

eHealth Exchange™

Hub Upgrade

FHIR R4 Support

Improved Configuration Management

Internal Performance Improvements

ZERO Downtime

No Service Outage

100% Availability

❄️ Code Freeze ❄️

April

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

May

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

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Content Validation Update

Participant Status – Content Testing Update

Out of 281 Participants required to pass Content Testing by May 1, 2021:

- **16,104 documents tested as of April 15, 2021**
- **54% or 153** Participants are @ Content Validated Status as of April 15, 2021
  - Increase from 101 in March 2021
  - <mark>101 Participants are currently at risk of having certificates revoked</mark>
- Content validated logos being added in real time to Participant listing on eHealth Exchange website:
  - https://ehealthexchange.org/participants/ ✔ **Content Validated**
- **11** technologies leveraged
  - Audacious Inquiry, Diameter Health, Cerner CEP, CONNECT, Epic, Guardian, Intersystems, Lightbeam, Mirth, Nextgen, Orion
- 19 Waiver/Extensions Requested and Approved by the Coordinating Committee (CC) on 3/16/21
  - 8 New Waiver/Extension requests will be presented to CC for approval on 4/20/21
  - Waiver Text has been added to all approved Participants

  NOTES:
  Content testing waiver granted to 12/31/21

- Questions should be submitted to testing@ehealthexchange.org

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Interoperability Testing Platform & Communication Summary

Validator updated March 4, 2021

- o Outstanding issues can be found on the tooling home page found here:
  - ➢ https://gazellecontent.sequoiaproject.org/EVSClient/home.seam

Communications (Content Testing Deadline Reminder May 1, 2021)

- o Epic Customers should work with their TS to resolve remaining errors
- o Office hours held weekly next offering Monday April 19 and 26, 2021

Please join the meeting from your computer, tablet or smartphone
https://global.gotomeeting.com/join/988830037

You can also dial in using your phone
United States (Toll Free): 1 877 309 2073
United States: +1 (646) 749-3129
Access Code: 988-830-037

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FHIR R4 Project Update

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Transition to FHIR R4

- Successfully updated the eHX specific transforms (R4 to STU3). This allows us to validate production data, loaded into the HAPI R4 server against IG specific constraints
- A few data issues were noted during this process but were resolved via the transforms created for eHX
- Working on customizing authentication to the HAPI environments, i.e. API calls needed to KeyCloak
- IGs for both eHX and CQ are complete but can be updated going forward as needed
- Lantana will continue to run validation tests against data in the R4 environment and determine whether or not these issues can be resolved via transforms or require mitigation
- On track to deliver the HAPI R4 project mid summer 2021

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Certificate Authority Update

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Where Are We?

- All Participants should have updated their trust stores to include the new CA trust bundles by 3/1. If your organization has not yet completed this step, please do so **ASAP! Failure to do so will cause connectivity issues with pilot organizations.**

- Your existing Entrust root/intermediate certs will need to remain installed as well. The new trust stores can be found here: https://desk.zoho.com/portal/directtrust/en/kb/articles/installing-sequoia-project-trust-chains

- Several pilot organizations have been issued VAL and PRD certificates from the new CA vendors.

- Identifying improvements in process as a whole and documentation of the process.

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What's Next?

- We will begin pushing everyone to the new CA process in early May. If your certificate expires in May, please go ahead and reach out to techsupport@sequoiaproject.org and we will begin the new process.

- If your organization's certificate expires in late April and you have not received outreach about becoming an early adopter, please continue with the current Entrust process by reaching out to techsupport@sequoiaproject.org to start the renewal process.

- Please note that the new process will involve new Identity Proofing steps and certificate agreements. Your organization will be assigned a Certificate Authority vendor and will receive the appropriate forms once the CA vendor is assigned.

- All organizations that were issued Entrust certs in 2021 (Jan-early May) will be contacted around September of 2021 to transition to the new CA vendor certs.

- The transition off of all Entrust certificates is scheduled to be completed November 2021.

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Open Office Hours

- Beginning Monday 2/22, eHealth Exchange Staff will be hosting open office hours to assist with any questions or concerns regarding the Certificate Authority Transition

- Open office hours will be held Thursdays at 2:00 PM ET through at least mid-May.

https://www.gotomeet.me/KatiOdom-Bell

Dial In: +1 (224) 501-3318

Access Code: 918-898-253

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Please Engage!

We'd love to hear from you

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Technical Work Group

Thursdays 4-5 ET.

Typical Topics:

1. Technical Specification Creation

   a. Push notifications

   b. Populating directory with hospital locations

   c. Broadcast query

   d. FHIR Directory

   e. Consumer access

   f. Carequality harmonization

   g. Controlled Unclassified Information (CUI) Marking

2. Testing

3. Hub Updates

4. Capacity planning [Final Thursday each month]

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eHealth Exchange Content Testing Program Office Hours

eHealth Exchange staff started additional support related to content testing for Participants to ask questions during "Office Hours" biweekly call from October 19, 2020 1:00 - 1:30pm ET through April 26, 2021.

Next Offering: March 22 and April 5 and 19, 2021

Event days and times can be located:

https://ehealthexchange.org/event/ehealth-exchange-content-testing-program-office-hours/all/

Please join the meeting from your computer, tablet or smartphone

https://global.gotomeeting.com/join/988830037

You can also dial in using your phone
United States (Toll Free): 1 877 309 2073
United States: +1 (646) 749-3129
Access Code: 988-830-037

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https://global.gotomeeting.com/install/988830037

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Certificate Authority Transition Open Office Hours

- Thursdays at 2:00 PM ET
  - Beginning 2/22/21 through 5/31/21
  - Please e-mail administrator@ehealthexchange.org if you need more information

- https://www.gotomeet.me/KatiOdom-Bell
  - Dial In: +1 (224) 501-3318
  - Access Code: 918-898-253

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How might I obtain additional information?

How	When	Where
1. Visit eHealth Exchange Web Site	Any time	https://ehealthexchange.org
2. Monthly Participant Web Meetings	Typically, the 3rd Thursday of Each Month at 1 pm ET	https://ehealthexchange.org/events
3. Weekly Technical Workgroup	Thursdays 4-5 ET (April though August+)	https://ehealthexchange.org/events
3. Email	Any time if you have a specific question	administrator@ehealthexchange.org

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Questions & Answers

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