

eHealth ExchangeTM

All Participant Call

Kati Odom-Bell

Pat Russell

Jay Johnstone

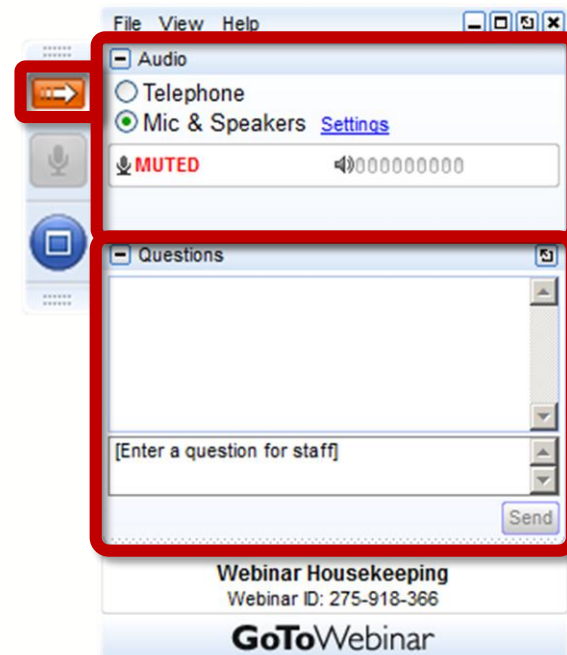
Mike McCune

Jay Nakashima

Didi Davis

Debbie Condrey

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. Multiple Document Retrieval	Mike McCune
4. FDA Request	Jay Nakashima/Mike McCune
5. Hub Update	Mike Yackanich
6. Hub Maintenance Window Update	Jay Johnstone
7. Content Validation	Didi Davis
8. FHIR R4 Update	Debbie Condrey
9. Certificate Authority Transition Update	Kati Odom Bell
10. Q&A	Everyone



New Participants

Congratulations to our newest Participants!



- University of Kentucky, Epic, KY
- NOVO Health Technologies, Epic, WI
- Lexington Medical Center, Epic, SC

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
	Doug Dietzman	9/30/2021
IDN	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
	Jarrold Pearson	9/30/2021

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



Multiple Document Retrieve

Multiple Document Retrieve

- Context:
 - The number of documents being retrieved has undocumented hard limits and expectations, esp. on the responder side
 - Currently this issue seems localized to eHx Hub Carequality networks bridge transactions
- Proposed solution approach:
 - Gather more information and inform Carequality bridge participants
 - Staff will review QD/RD requests from all Bridge Participants. Establish RD request behaviors
 - Announce test results to all Bridge Participants

Multiple Document Retrieve (Cont.)

- Ask impacted Bridge Subscribers, to determine if their vendor:
 - Limit requests to a single document
 - Change the gateway with configuration only (or is development required)?
 - Determine if other clients successfully using this change?
 - If the change will require development time, please answer the following of your vendor:
 - Is your vendor willing to make a change?
 - What is the expected level of effort?
 - Will the vendor charge the participant for the requested change?
 - How soon can a change be implemented? Will it require waiting for a product upgrade cycle?
- Any suggestions or objections to this approach may be discussed during the Q&A period



FDA POC Request

FDA Pilot Invitation



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.

- Is your organization interested in being a FHIR responding gateway to test with FDA for a new eHealth Exchange use case?
- If so, please contact mmccune@ehealthexchange.org






Hub Upgrade

Upgrade Project

eHealth ExchangeTM

Hub Upgrade

-  FHIR R4 Support
-  Improved Configuration Management
-  Internal Performance Improvements

ZERO Downtime
No Service Outage
100% Availability

Revised Completion Date: End of Q2

 **Code Freeze** 

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					

June

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			



Hub Maintenance Window Update

Upgrade Project

eHealth ExchangeTM

Hub Maintenance Window – Change Proposal

What?

- New Maintenance Schedule
- Improved Communication Process

Why?

- Separate VAL and PROD events
- Avoid nightly Federal HIE pre-fetch
- Improve ability to validate changes
- Move events requiring outage to low volume time
- Provide historical log of changes
- Provide post-maintenance status
- Reduce email fatigue
- Leverage Hub Dashboard alerts

When?

- After the Hub Upgrade, target Early July

New Schedule

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
PROD service outage Email Blast Maintenance Log Hub Dashboard Alert						PROD service outage Email Blast Maintenance Log Hub Dashboard Alert
		VAL (12:00pm ET) No service outage Maintenance Log		PROD (5:00pm ET) No service outage Email Blast Maintenance Log Hub Dashboard Alert		

New Maintenance Window Schedule

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
PROD service outage Email Blast Maintenance Log Hub Dashboard Alert						PROD service outage Email Blast Maintenance Log Hub Dashboard Alert
		VAL (12:00pm ET) No service outage Maintenance Log		PROD (5:00pm ET) No service outage Email Blast Maintenance Log Hub Dashboard Alert		

* Previous maintenance window was every Thursday 9:00pm ET for all environments

** Out of band maintenance events are still available for critical issues




Content Validation Update

eHealth ExchangeTM

Participant Status – Content Testing Update

Out of 279 Participants required to pass Content Testing by May 1, 2021:

- **16,823 documents tested as of May 18, 2021**
- **86% or 240** Participants are @ Content Validated Status as of May 18, 2021
 - Increase from 153 in April 2021
- Content validated logos being added in real time to Participant listing on eHealth Exchange website:
 - <https://ehealthexchange.org/participants/> 
- 25 Waiver/Extensions Requested and Approved by the Coordinating Committee (CC)
 - Waiver Text has been added to all approved Participants
- 7 Participants are Epic working with their TS
- **6 Participants are AT RISK for Certificate Suspension (Status Response required by 5/31/21)**
- **12 technologies leveraged**
 - Audacious Inquiry, Diameter Health, Cerner CEP, CONNECT, Epic, Guardian, Intersystems, Lightbeam, Mirth, Nextgen, Orion, Zen Health
- Questions should be submitted to testing@ehealthexchange.org

NOTES:

Content testing waiver granted to 12/31/21



FHIR R4 Project Update

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Transition to FHIR R4

- Work on customizing HAPI for authentication/authorization is complete
- Work to standup the UDDI endpoint is ~90% complete
- A demo server has been configured in order to prepare for implementation
- Updates to the eHX R4 IG are being made as appropriate. For instance, the StatesofOperation field has been added to the IG
- In the process of completing mock-ups for the Directory self-service portal
- We are beginning our discussions around implementation of the HAPI R4 environment. More to come on this in future updates



Certificate Authority Update

OPEN SEASON!


- 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>
- Open season has begun and all organizations are now being pushed to the new process as their certs near expiration.
- Entrust certificates are being issued in emergency situations only!

What do I need to do?

- If your certificate expires in May/early June, your most recent Subscriber should have already received outreach with an introduction to DirectTrust.
- If you have not received that outreach and your certificate is nearing expiration, please send an e-mail to techsupport@sequoiaproject.org so that we can facilitate the intro as soon as possible.
- 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.

What does the new process look like?

- Once the introduction to DirectTrust is provided, they will respond requesting that you complete a new certificate spreadsheet.

Field	Field Required for VAL or PRD certs?	Value (Enter in this column)	Description
Org Legal Name	VAL & PRD	Cleveland Clinic Martin Health	Subscriber organization legal name
Org Type	PRD	HE	Subscriber organization type
Org NPI	PRD (if organization type is CE)	1194790055	Subscriber organization NPI
Org DUNS	PRD (if organization type is BA, H )	090471935	Subscriber organization Dun & Bradstreet DUNS/D-U-N-S Number
Org TaxID	PRD	590637874	Subscriber organization EIN/TaxID
Org Street Address	PRD	200 Hospital Ave	Subscriber organization location street address 1
Org Street Address 2			Subscriber organization location street address 2
Org City	PRD	Stuart	Subscriber organization location city
Org Zip (5 digits)	PRD	34994	Subscriber organization location first 5 digits of zipcode
Org State	VAL & PRD	Florida	Subscriber organization location state
Org State of Incorp.	PRD	Florida	Subscriber organization state of incorporation
Org Country	VAL & PRD	US	Subscriber organization country
fqdn	VAL & PRD	CEW.martinhealth.org	Fully Qualified Domain Name (FQDN)
Initiative Community	VAL & PRD	Carequality	Sequoia affiliated initiative community
Sponsor Last Name	PRD	Daury	Sponsor legal last name to be used for identity proofing
Sponsor First Name	PRD	Paul	Sponsor legal first name to be used for identity proofing
Sponsor Email	VAL & PRD	DauryP@ccf.org	Sponsor official email
Sponsor Phone	PRD	772-7812714	Sponsor phone
Cert Environment	VAL & PRD	PRD	Environment of certificate installation (Validation or Production)

What does the new process look like?

- After you've returned the spreadsheet, DirectTrust will assign you to one of two CA's:
 - MaxMD
 - EMRDirect
- Your organization does not get to request a specific CA, this is assigned by DirectTrust.
- DirectTrust will provide instructions for your Sponsor to complete Identity Verification through your assigned CA. Identity Proofing is not required for VAL certs.
- Once Identity Proofing is completed, a link will be provided for the Sponsor to retrieve the certificate.

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



Please Engage!

We'd love to hear from you

eHealth ExchangeTM

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 [\[Final Thursday each month\]](#)

Please Attend:

- <https://zoom.us/j/5128970748>
- Meeting ID: 512 897 0748
- One tap mobile: +16699006833,,5128970748#

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

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 through August+)	https://ehealthexchange.org/events
3. Email	Any time if you have a specific question	administrator@ehealthexchange.org

Questions & Answers

Please e-mail questions or concerns to
administrator@ehealthexchange.org