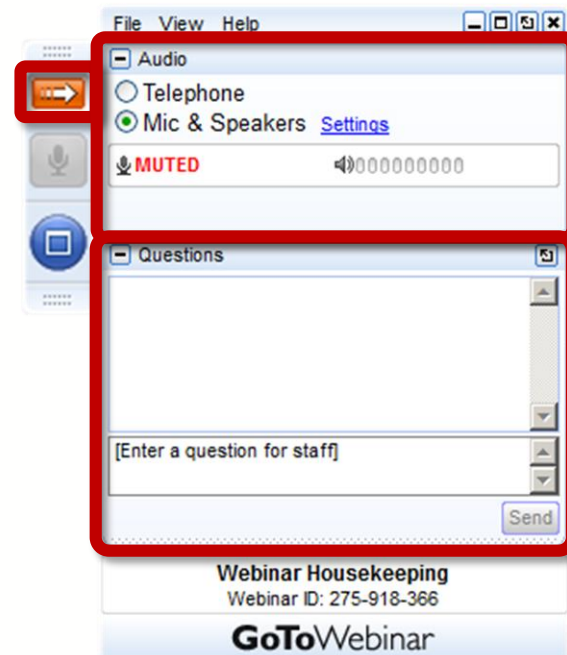


eHealth ExchangeTM

All Participant Call

Kati Odom-Bell
Pat Russell
Jay Johnstone
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. Hub Upgrade	Jay Johnstone
4. FDA Request	Jay Nakashima
5. Content Validation	Didi Davis
6. FHIR R4 Update	Kati Odom Bell
7. eCR Update	Kati Odom Bell
8. Certificate Authority Transition Update	Kati Odom Bell
9. Q&A	Everyone



New Participants

Congratulations to our newest Participants!



- New York Health and Hospitals Corporation, Epic

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	Open	9/30/2023
	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 Timeline

Nomination Applications:

- August 6 – Applications Closed

Nominating Committee Submits Nominations

- August 19

Voting:

- August 23-27, Participants Vote

Term Begins:

- October 19- First New CC Member meeting

2020 Coordinating Committee Nominations: To be approved by Coordinating Committee later today

- Health Information Organizations (HIE, HIN)(1)
- Other (Vendors, Children's Hospitals, Dialysis orgs, etc.) (2)






eHealth Exchange Hub

Upgrade Project

Hub Upgrade

Revised Completion Date: Aug 2021

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

ZERO Downtime
No Service Outage
100% Availability





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

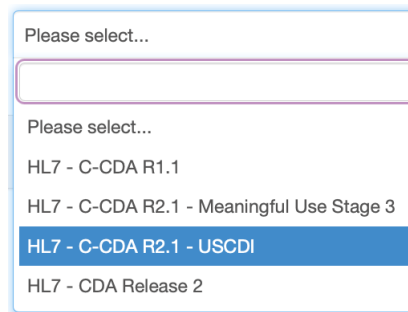


Content Validation Update

eHealth ExchangeTM

Content Validation Program Communications Update

- Content Testing Validators were updated on July 28, 2021 to remediate known defects
 - Remaining defects require HL7 errata processing and/or value set updates
<https://gazellecontent.sequoiaproject.org/EVSCClient/home.seam>
- All Participants continue to have access to Content Testing Tooling as an eHealth Exchange Participant and for their associated stakeholders if in a federated environment
 - All Content Data sources (new document types, versions, and those that create their own C-CDA documents are expected to continue content testing with passing results within 18 months of initial testing
- United States Core Data for Interoperability (USCDI) version 1 Validator was added July 28, 2021. This USCDI validator is provided for Participant use but testing content against it is voluntary and passing is **NOT** required by eHealth Exchange.




A screenshot of a web-based dropdown menu. The menu is open, showing a list of options. The top option is "Please select...". Below it is a search bar. The list of options includes "Please select...", "HL7 - C-CDA R1.1", "HL7 - C-CDA R2.1 - Meaningful Use Stage 3", "HL7 - C-CDA R2.1 - USCDI" (which is highlighted in blue), and "HL7 - CDA Release 2".

Option
Please select...
HL7 - C-CDA R1.1
HL7 - C-CDA R2.1 - Meaningful Use Stage 3
HL7 - C-CDA R2.1 - USCDI
HL7 - CDA Release 2

Participant Status – Content Testing Update

Out of 280 Participants required to pass Content Testing by May 1, 2021:

- **89% or 249** Participants are @ Content Validated Status as of August 4, 2021
 - Increase from 245 in July 2021
- Content validated logos being added in real time to Participant listing on eHealth Exchange website:
 - <https://ehealthexchange.org/participants/> 
- **13** technologies leveraged
 - Audacious Inquiry, Cerner CEP, CONNECT, Diameter Health, Epic, Guardian, Health Catalyst, Intersystems, Lightbeam, Mirth, Nextgen, Orion, SSI, Zen Health
- 31 Waivers/Extensions Requested and Approved **NOTES:**
 - Waiver Text was added to all approved Participants Content testing waiver granted to 12/31/21

Breakdown of Documents Tested by Meaningful Use Version & Standard

- 19,612 Documents Tested as of August 4, 2021
 - 86% Failing
 - 14% Passing
- Breakdown of Documents Tested by Validator Version
 - 56% or 11,007 tested against the Meaningful Use 2015 Edition/HL7 C-CDA R2.1
 - 14% or 2,665 tested against the Meaningful Use 2014 Edition/HL7 C-CDA R1.1
 - 25% or 4,969 tested against the Meaningful Use 2011 Edition/HL7 C-32
 - 5% or 971 tested against the CDA R2 validator



FHIR R4 Project Update

eHealth ExchangeTM

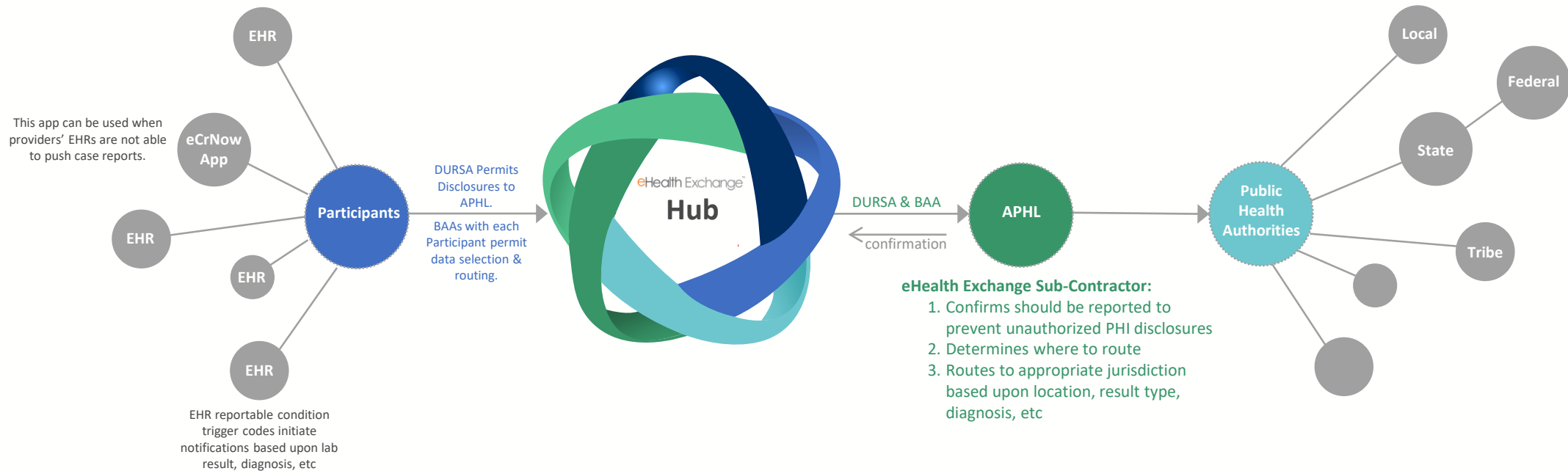
Transition to FHIR R4

- Work on customizing HAPI for authentication/authorization is complete
- We added some additional business requirements to the UDDI endpoint, so work has started on that. Should be complete soon
- We are starting our testing and R4 implementation plan using the configured HAPI server demo environment
- Mock-ups for the Directory Self-Service Portal (GUI) are complete and will be reviewed internally by the eHealth Exchange team
- Working on Directory validations using FHIR R4 extensions and functionality
- On track for delivery of this project by the end of July/August



eCR Update

Pushing Electronic Case Reports (eCr) is **Live!**



eCR is LIVE!

eCR is live at no additional cost to your organization. To onboard, follow these steps:

1. Confirm your gateway supports ITI-41 & ITI-80.
2. Confirm you have completed Hub Initiator Testing.
3. Notify administrator@ehealthexchange.org your organization wants to push electronic case reports to APHL (Association of Public Health Laboratories).
4. eHealth Exchange will provide an introduction to the AIMS team, as well as an onboarding checklist of about 7 questions.
5. The checklist will ask for your Push Notification Endpoints (aka RR endpoints) for both Val and PRD, as well as your IP addresses for both VAL and PRD.
6. eCR testing is required to be conducted in a VAL environment, so we will need to confirm that your validation certificate is installed and not expired.
7. APHL/AIMS will also provide some needed documentation on their side. Your organization will be asked to join a pre-scheduled cohort call to discuss progress, troubleshooting, and timelines.
8. Once testing is complete in VAL, the functionality will be activated in PRD on a scheduled “go-live” date.



Certificate Authority Update

OPEN SEASON!

- All Participants **MUST** have updated their trust stores to include the new CA trust bundles. If your organization has not yet completed this step, please do so **ASAP! Failure to do so will cause connectivity issues with 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 June or early July, 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 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?

- 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.



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#

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