

2020-08-04 Security WG Agenda/Minutes

Chair: @Kathleen Connor

Scribe: @Suzanne Gonzales-Webb

Weekly calls Tuesdays 3PM ET

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<https://zoom.us/j/6754075337>

Meeting ID: 675 407 5337

Phone Number: +1 929-436-2866
Participant Passcode: 675 407 5337

[Zoom Tip Sheet](#)

ATTENDEES - PLEASE TYPE YOUR NAME IN THE CHAT OR IF YOU ARE ON THE CONFLUENCE SITE, PLEASE SCROLL DOWN TO THE BOTTOM AND CHECK YOURSELF IN TO BE COUNTED FOR ATTENDANCE - THANK YOU!

Agenda Topics

Agenda Overview	<ul style="list-style-type: none"> • Minutes • FHIR Security • FHIR DS4P IG - Ballot Reconciliation • Cross Paradigm US Security Labeling IG • HL7 Privacy and Security Information Model PSS • Infrastructure SD • Share with Protections White Paper Project • CARIN Blue Button Report Out • HL7 Policy Advisory Committee (PAC) • Chat notes 	
Minutes Approval	Approve Meeting Minutes: 2020-07-28 Security WG Agenda/Minutes	Motion to Approve 7/28/2020 WG call Moved/Second: Suzanne / Mike Vote - Approve/Abstain/Oppose : 5 / 2 / 0
FHIR Security	<p>2020-08-03 FHIR-Security Meeting - Discussed clarifying that Provenance.agent.type is a functional role and agent.role is a structural role per ISO See Structural/Functional Role background.</p> <p>ISO 21298:2017 "Health informatics – Functional and structural roles" and ISO 22600-2:2014 Appendix A Structural and Functional Roles.</p> <p>See Structural and Functional Roles - Background</p> <p>Created 2 tickets:</p> <p>Clarify agent.type (i.e. what is the agent doing functionally–tied to the workflow context) vs agent.role https://jira.hl7.org/browse/FHIR-28184</p> <p>Structural role value set should not have functional role codes in it https://jira.hl7.org/browse/FHIR-28185</p>	

<p>ONC News</p>	<p>ONC Supporting Health IT for the Pediatric Care Continuum</p> <p>ONC Health IT for Pediatric Care and Practice Settings</p> <p>ONC Pediatric Developer Informational Resource</p> <p>Learn More About Pediatric Care and Health IT</p> <p>Webinar Recording: ONC hosted a question and answer session on health IT for pediatric care and settings on June 24, 2020.</p> <p>Pediatric Health IT in the ONC Cures Rule: In the ONC Cures Act final rule, we outlined our approach to identifying recommendations for the voluntary certification of health IT to support the healthcare of children.</p> <p>Care Continuum Tip Sheet: This tip sheet briefly outlines our scalable, repeatable approach to help enable collaborative efforts between the healthcare and health IT communities aimed at improving the effectiveness of health IT solutions targeting clinical priorities identified by stakeholders.</p> <p>Pediatric Health IT Technical Analysis: In preparation for the Cures Act proposed rule, ONC sought input from a wide range of stakeholders and conducted an analysis of technical components and standards within the certification program to support voluntary certification of health IT for pediatric care</p> <p>HIMSS Granular Segmentation of Privacy to Promote Interoperability meets the first Tuesday of each month, Dial-in info is: https://global.gotomeeting.com/join/767185645 11 am ET</p> <p>ONC Tech Forum</p> <p>ONC Tech Forum Agenda - John Moehrke and Luis Maas are session leads</p> <p>ONC Tech Forum Registration</p>	<p>ONC Pediatric Developer Informational Resource page 43</p> <p>Recommendation 4: Segmented Access to Information</p> <p>This recommendation addresses the need for privacy of certain services by segmenting information and providing access to specific segments of the record to specific users. If this recommendation is not accomplished, disparities in care may result when information cannot be appropriately protected.</p> <p>For example, adolescents may be allowed by law or practice to sequester access to information, such as sexual and behavioral health history in their health record. Some jurisdictions require sequestering a child’s record of sexual history or abuse. Sequestering patient-selected information from parental, billing, or insurance communications may be required to protect an adolescent or pediatric patient’s privacy.</p> <p>This recommendation aligns with the following 2015 Edition Certification Criteria:</p> <p>Criteria</p> <p>Section</p> <p>Transitions of Care</p> <p>§170.315(b)(1)</p> <p>Security Tags – Summary of Care – Send*</p> <p>§170.315(b)(7)</p> <p>Security Tags – Summary of Care – Receive*</p> <p>§170.315(b)(8)</p> <p>Standardized API for Patient and Population Services*</p> <p>§170.315(g)(10)</p> <p>USCDI*</p> <p>§170.213</p> <p>* See the 21st Century Cures Act Final Rule and ONC guidance for information on effective dates, sunset dates, and other information on the certification criteria impacted by the 2015 Edition Cures Update.</p>
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<p>Privacy & Security Logical Model</p>	<p>Bernd Blobel will be attending/speaking at the meeting this week. As he is the author of the 22600 (as well as the overarching 23903 and the 21298) we have the opportunity to get the overview about Composite Policy directly from him.</p> <p>See 2020-08-05 Privacy and Security Logical Model</p> <p>Calls are on Wednesdays 1 - 2 ET http://www.hl7.org/concalls/CallDetails.aspx?concall=50666</p> <p>https://zoom.us/j/6754075337</p> <p>Meeting ID: 675 407 5337</p> <p>Phone Number: +1 929-436-2866 Participant Passcode: 675 407 5337</p> <p>HL7 Privacy and Security Information Model PSS</p> <p>Information model update: The new information model will consolidate and harmonize security models across HL7 standards (Access Control, Audit, TF4FA etc.) and (incomplete) updates from FHIM (Consolidated unresolved models). Also included are direct mappings to Access Control, Audit and Authentication (e.g. Class models) mapped to Access Control services.</p> <p>ISD PPS approved 7/7</p> <p>TSC PSS approval before August 23, 2020</p>	
<p>September WGM Prep</p>	<p>Planning is underway - See 202009 September Virtual Security WGM</p> <p>We need to decide how many sessions and time slots.</p> <p>September Connectathon planning is also underway.</p> <p>Instead of the usual request for meeting room space, this email is asking Co-Chairs to submit the days/times that they'll meet based on 2-hour time slots via a Doodle Poll (https://www.doodle.com/poll/crgmir8dzh8x7f44). The deadline to submit this information is Friday, August 7th.</p> <p>Planning on hosting a Joint session? Joint meetings require a bit more planning.</p> <p><u>First, we want to be able to communicate the focus of joint meetings, so we'd like you to add the discussion topic to your Doodle entry as explained below.</u> Also, if possible, schedule them at 10am or 4pm ET.</p> <p>The HOSTING Work Group Co-Chair(s) own the task of requesting the time in the Doodle poll. Hence, the Co-Chairs of the HOST Work Group should reach out to the Co-Chairs of joining Work Group(s) and determine when they'll all meet. Once that's determined, the Co-Chairs of the HOST Work Group will add a separate entry into the Doodle Poll FOR EACH UNIQUE JOINT MEETING that they'll host, indicated the Work Groups that are joining and the focus of the joint meeting.</p> <p>Example:</p> <p>Vocab HOSTING: FHIR-I, MnM Topic: FHIR in the V3 World</p> <p>Vocab HOSTING: SD WG Topic: UTG</p>	
<p>FHIR DS4P IG</p>	<p>Review and approve FHIR DS4P IG Out-of-cycle ballot request for 10/20 opening date.</p> <p>Review Reconciliation Spreadsheets and JIRA Ballot Recon</p> <p>Missed approval of Reconciliation prior to July 5th Sept NIB due date Security WG Admin</p> <p>Ballot results:</p> <p>Quorum met - 107 voters, FHIR DS4P IG Ballot Passed</p> <ul style="list-style-type: none"> • Affirmative - 26 • Negative - 13 • Abstain - 35 <p>Negatives - missing definitions, which is the result of tooling errors we need to fix, and a general misunderstanding that the FHIR DS4P IG is the basis for profiles for policy specific label IGs much like the CDA DS4P IG is. Only the profiles are implementable.</p> <p>https://www.hl7.org/documentcenter/public/wg/tsc/HL7%20May%202020%20Ballot%20Results.zip</p>	



NIC LGT for 2.26.2020 - slides.pdf



NIEM UML Profile Tool Example.pdf



NIEM UML Profile.pdf

og:

- [Draft SP 800-172 \(formerly Draft NIST SP 800-171B\) is out for Public Comment](#)
- [CUI Metadata standard available for review](#)
- [CUI Marking Class \(Webex\)](#)

FHIR US Regulatory Security Labels Continuous Build - No update in the build

GitHub repo for the source material: <https://github.com/HL7/us-security-label-regs>

John and Mohammad are committers.

	<p>US Regulatory Security Label Example Sandbox</p> <p>Security Labeling Parking Lot</p> <p>US Regulatory Security Label examples were included in the FHIR DS4P IG. These will be the starter set for the FHIR US Regulatory Security Label IG</p>	
<p>Infrast ructur e SD</p>	<p>No updates.</p>	
<p>Share with Prote ctions White Paper Project</p>	<p>Walk through of Share with Protections White Paper; Please note new section added toward the end of the document.</p> <p>NIB approved and submitted. Document submitted post updates to misspells on figures.</p> <p>Note: error in ballot listing was 'sharing with protections' but has now been corrected to read 'share with protections'</p> <p>Motion to Approve SwP submission for Sept Ballot</p> <p>2020-06-23 Minutes</p> <div data-bbox="251 709 576 1123" data-label="Image"> </div> <p style="text-align: center;">Document</p> <div data-bbox="224 1171 1105 1671" data-label="Image"> </div> <p>Presentation</p>	<p>Submitted for Ballot</p>
<p>CARI N Blue Butto n Repor t Out</p>	<p>Nothing to report.</p> <p>Security is a cosponsor of CARIN Blue Button IG. Calls http://www.hl7.org/concalls/CallDetails.aspx?concall=48592 Monday Mar 2, 2020 - 02:30 PM (Eastern Time, GMT -05) https://leavittpartners.zoom.us/j/461256971 or Dial: 1 646 876 9923 // Meeting ID: 461 256 971</p>	



ANSI Survey Resp...31.20 FINAL.docx

PAC's draft HL7 responses to Artificial Intelligence survey from NIST gave good coverage of Privacy /Consent/Security/Integrity/Trustworthiness/Provenance. Several excerpts below:

Governance of AI-enabled systems should respect agreed principles, and in areas such as:

- **Privacy.** AI systems should respect individual privacy and enable safe, effective health care that requires the use of personal data;
- **Accountability.** AI systems should be auditable, and their impacts should be appropriately identified and distributed, with mutually agreed remedies as needed;
- **Safety.** AI systems should be safe, performing only as intended;
- **Security.** AI systems should be secure from compromise by unauthorized parties;
- **Transparency and Explainability.** Design and implementation of AI systems should enable transparent operations that provide information about where, when, how, and for what purposes they are being used;
- **Fairness and Non-discrimination.** AI systems should have mechanisms to address concerns about bias in their data or results, for fairness and inclusivity;
- **Human Control of Technology.** Final decisions should remain subject to human review;
- **Professional Responsibility.** Individuals who develop or deploy AI systems should involve appropriate stakeholders and consider long-term effects or unintended consequences; and
- **Effectiveness.** The degree to which an AI-enabled system achieves its intended outcome should be measured and managed.

In addition, HL7's Patient Engagement Work Group points to some helpful transparency practices and evolving AI policy perspectives as detailed in:

- <https://www.lawfareblog.com/lawfare-podcast-john-allen-and-darrell-west-artificial-intelligence>

Question 4. Data integrity, data reliability, and data validity of AI-enabled systems: What characteristics related to data quality are important for standardization of AI-enabled systems, and for what purposes?

- **Controls and Provenance**
- **New API standards require both provenance watermarks and e-signatures that are starting to help protect data from tampering – or flagging them when tampering is suspected**
- **Visualization and reporting tools could help provide a manual check**
- **Data should be managed in a secure data system with appropriate access controls**
- **Data sources should be labeled with classification parameters (e.g. confidentiality or usage restrictions)**
- **Data should be provided using secure delivery or access methods (e.g., S-FTP, TLS, OAuth)**

Notes from CHAT	<p>Requesting review provide comment / recommend participants review the information (links below)</p> <p>High Water Mark on Bundle - https://chat.fhir.org/#narrow/stream/179247-Security-and.20Privacy/topic/Meaning.20of.20Security.20Labels.20on.20Bundles</p> <p>Consent - https://chat.fhir.org/#narrow/stream/179247-Security-and.20Privacy/topic/Consent.20IG.3F</p> <p>Scopes for data access - https://chat.fhir.org/login/#narrow/stream/179175-argonaut/topic/Scopes.20for.20data.20access</p> <p>DS4P IG - https://chat.fhir.org/#narrow/stream/179247-Security-and.20Privacy/topic/DS4P.20IG</p> <p>Fine-grained Security Policies</p> <p>Consent Provisions</p> <p>OCR ruling related to Cost for Right of Access</p> <p>Grahame Provenance agent.type vs agent.role value sets and element semantics</p>	
Meeting Adjournment	<p>No additional agenda items brought forward</p> <p>Meeting adjourned at 1230 Arizona time</p>	<p>Meeting recording: <link></p>

Attendees

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<input type="checkbox"/>	Luis Maas	EMR Direct
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<input checked="" type="checkbox"/>	Mohammad Jafari	VA (Book Zurman)
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<input type="checkbox"/>	Peter van Liesdonk	Phillips
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