



Office of the National Coordinator
for Health Information Technology

Standards Version Advancement Process

Approved Standards for 2022



The Standards Version Advancement Process (SVAP) permits health IT developers to voluntarily update health IT products certified under the Office of the National Coordinator for Health Information Technology (ONC) Health IT Certification Program to newer versions of adopted standards and implementation specifications. ONC has established an annual process to receive public input on eligible standards and implementation specifications that could be adopted through SVAP. For more information on the annual process, public comment, and how health IT developers can take advantage of the SVAP flexibility, please see the [ONC Standards Bulletin 2021-1](#) and the [SVAP Page](#).

ONC has completed the review and assessment of comments for the 2022 SVAP Cycle and the following standards and implementation specifications versions have been approved for use in the ONC Health IT Certification Program. Health IT developers can begin voluntarily incorporating the standards and implementation specifications, listed in the table below, into their Certified Health IT Modules beginning August 29, 2022. To further support implementation of the approved 2022 standards, ONC will update all the associated test data and tools.

Certification Criteria	Current Standard Version(s)	Approved Standards for 2022	Regulatory Text Citation
§ 170.315(b)(1) - Transitions of care; § 170.315(b)(2) - Clinical information reconciliation and incorporation; § 170.315(e)(1) - View, download, and transmit to 3rd party; § 170.315(f)(5) - Transmission to public health agencies - electronic case reporting; § 170.315(g)(9) - Application access - all data request; § 170.315(g)(10) - Standardized API for patient and population services	United States Core Data for Interoperability (USCDI), Version 1, July 2020 Errata	United States Core Data for Interoperability (USCDI), Version 2, July 2021	§ 170.213
§ 170.315(g)(10) - Standardized API for patient and population services	HL7® FHIR® US Core Implementation Guide STU 3.1.1, August 8, 2020	HL7® FHIR® US Core Implementation Guide STU 4.0.0, June 2021 HL7® FHIR® US Core Implementation Guide STU 5.0.1, June 2022	§ 170.215(a)(2)



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<p>§ 170.315(b)(1) - Transitions of care;</p> <p>§ 170.315(b)(2) - Clinical information reconciliation and incorporation;</p> <p>§ 170.315(b)(9) - Care plan;</p> <p>§ 170.315(e)(1) - View, download, and transmit to 3rd party;</p> <p>§ 170.315(g)(9) - Application access - all data request</p>	<p>HL7® CDA R2 Implementation Guide: C-CDA Templates for Clinical Notes R2.1 Companion Guide, Release 2-US Realm, October 2019</p>	<p>HL7® CDA R2 Implementation Guide: C-CDA Templates for Clinical Notes R2.1 Companion Guide, Release 3-US Realm, May 2022</p>	<p>§ 170.205(a)(5)</p>
<p>§ 170.315(c)(3) - Clinical quality measures (CQMs) — report</p>	<p>CMS Implementation Guide for Quality Reporting Document Architecture: Category I; Hospital Quality Reporting; Implementation Guide for 2020</p>	<p>CMS Implementation Guide for Quality Reporting Document Architecture: Category I; Hospital Quality Reporting; Implementation Guide for 2022 (November 2021)</p>	<p>§ 170.205(h)(3)</p>
<p>§ 170.315(c)(3) - Clinical quality measures (CQMs) — report</p>	<p>CMS Implementation Guide for Quality Reporting Document Architecture: Category III; Eligible Clinicians and Eligible Professionals Programs; Implementation Guide for 2020</p>	<p>CMS Implementation Guide for Quality Reporting Document Architecture: Category III; Eligible Clinicians and Eligible Professionals Programs; Implementation Guide for 2022 (December 2021)</p>	<p>§ 170.205(k)(3)</p>
<p>§ 170.315(b)(1) - Transitions of care;</p> <p>§ 170.315(h)(1) - Direct Project;</p> <p>§ 170.315(h)(2) - Direct Project, Edge Protocol, and XDR/XDM</p>	<p>Applicability Statement for Secure Health Transport, Version 1.2, August 2015 (Direct)</p>	<p>Applicability Statement for Secure Health Transport Version 1.3, May 2021 (Direct)</p>	<p>§ 170.202(a)(2)</p>



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§ 170.315(g)(10) - Standardized API for patient and population services	HL7® FHIR® SMART Application Launch Framework Implementation Guide Release 1.0.0, November 13, 2018	HL7® FHIR® SMART Application Launch Framework Implementation Guide Release 2.0.0, November 26, 2021	§ 170.215(a)(3)
§ 170.315(g)(10) - Standardized API for patient and population services	HL7® FHIR® Bulk Data Access (Flat FHIR®) (v1.0.0: STU 1), August 22, 2019	HL7® FHIR® Bulk Data Access (Flat FHIR®) (v2.0.0: STU 2), November 26, 2021	§ 170.215(a)(4)
§ 170.315 (f)(6) - Transmission to public health agencies – antimicrobial use and resistance reporting	HL7® Implementation Guide for CDA® Release 2 – Level 3: Healthcare Associated Infection (HAI) Reports, Release 1, U.S. Realm, August 2013	HL7 CDA® R2 Implementation Guide: Healthcare Associated Infection (HAI) Reports, Release 3 - US Realm, December 2020	§ 170.205(r)(1)