

eHealth Exchange™

# Content Testing Tools User Guide

Version 4.0



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# Step #1 – Submit Content Testing Survey/Application

Complete the PDF or online survey found here:

<https://ehealthexchange.org/testing-program/content-testing/>

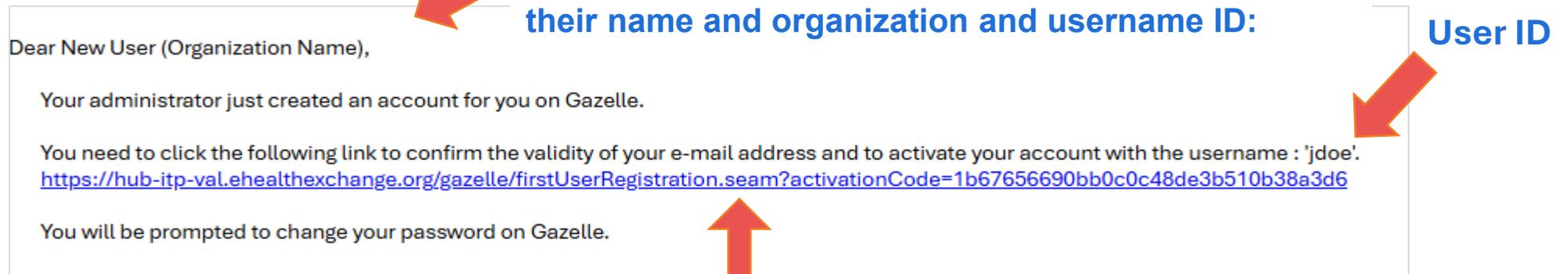
- **Required** to gain access to tooling
- One form per organization identifying all users to be added for testing
  - **Name, email, phone**
- Asks for all source systems expected to be tested
- Asks for additional details useful for trading partners to know
  - Some details may be published in the eHealth Exchange Directory in the future
- Requests or updates or New users after initial request
  - Submit new form w/additions to [testing@ehealthexchange.org](mailto:testing@ehealthexchange.org)



# Step #2 – Activate Account

- Sequoia Staff create your organizational account and send activation emails to new users
- User IDs will be first initial + last name or some variation
- New Users must select hyperlink in activation email received from [testing@ehealthexchange.org](mailto:testing@ehealthexchange.org)

Each new user will receive an email from no-reply@ehealthexchange.org similar to below with their name and organization and username ID:



The screenshot shows an email template with the following text:

Dear New User (Organization Name),

Your administrator just created an account for you on Gazelle.

You need to click the following link to confirm the validity of your e-mail address and to activate your account with the username : 'jdoe'.  
<https://hub-ntp-val.ehealthexchange.org/gazelle/firstUserRegistration.seam?activationCode=1b67656690bb0c0c48de3b510b38a3d6>

You will be prompted to change your password on Gazelle.

Red arrows point to the salutation, the URL, and the text 'User ID' on the right side of the email content.

Each new user must click the URL link to confirm validity of email  
This will prompt you to set your new account password



# Access Tooling/Login

1. Visit <https://hub-itp-val.ehealthexchange.org/evs/home.seam>
2. Click CAS Login

External Validation Service Front-end

CAS login

If no menu is visible please log in to access the services

Home

the sequoia<sup>®</sup> project EVS Version 6.0

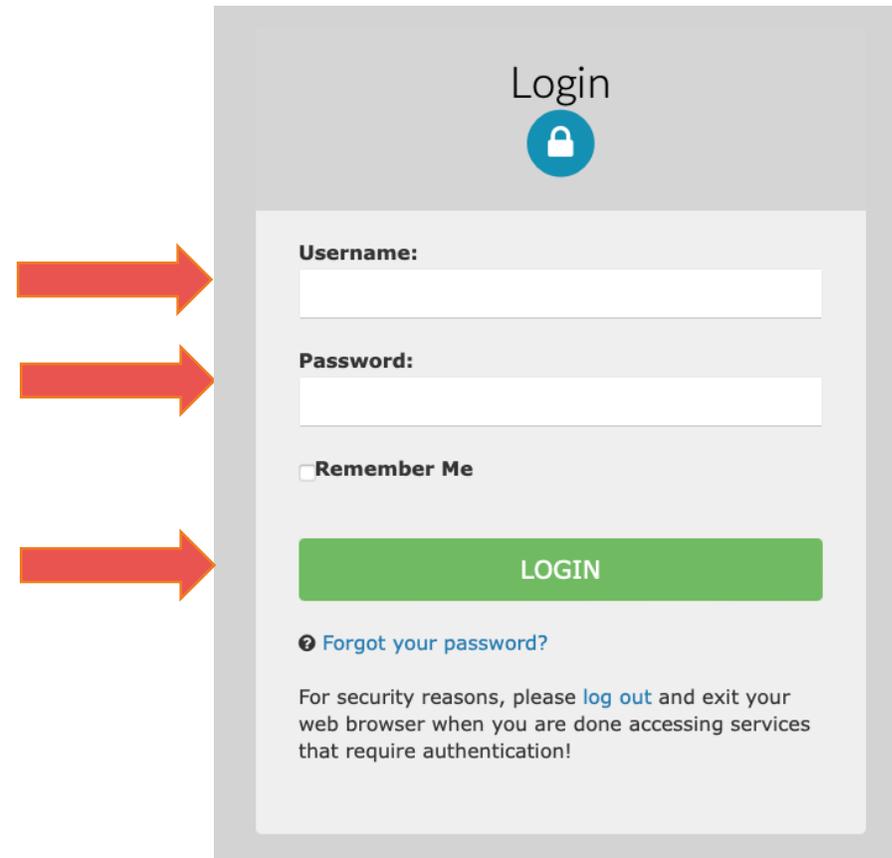
**\*\*\*eHealth Exchange Content Testing ANNOUNCEMENT:\*\*\***  
*The tools were last updated in February 2024 to remediate issues previously reported by participants.*

All information related to the 2018 eHealth Exchange Content Testing Program can be found here <https://ehealthexchange.org/testing-program/content-testing/>



# Have Credentials Already?

- If you have already been granted access to the tooling, type your user ID and password to gain access and click login
- Begin validation of your clinical documents



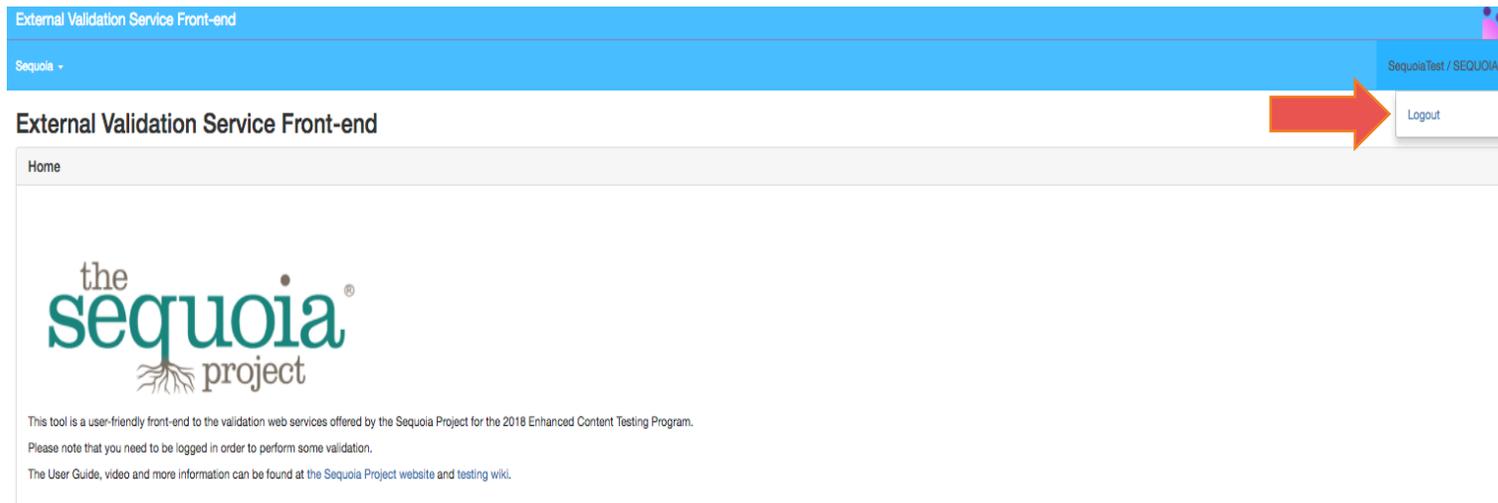
The image shows a login form with the following elements:

- Login** header with a lock icon.
- Username:** text label above a white input field.
- Password:** text label above a white input field.
- Remember Me** checkbox.
- LOGIN** button (green).
- [Forgot your password?](#) link.
- Security notice: "For security reasons, please [log out](#) and exit your web browser when you are done accessing services that require authentication!"

Three red arrows point from the left to the Username, Password, and LOGIN button fields.

# Logoff Tooling

- Once you have completed testing, it is advised to logout of your session and close any open windows. Reminder that this tooling does open sequential windows at times for one document validation depending on your navigation. This is meant for convenience.
- To logout do this and close all windows from testing:



# Retrieve/Reset Password Step 1 - Request

1. If you have lost or forgotten your password, retrieve your lost password.
2. Email will be received from [testing@ehealthexchange.org](mailto:testing@ehealthexchange.org) with a subject of **“Gazelle – Password assistance”**
3. Click on link received from email to complete reset password process

**the sequoia project**

CAS – Central Authentication Service For  
Sequoia Project Conformity Assessment Testing

Enter your Gazelle id and password

ID:

Password:

Warn me before logging me into other sites.

[Create an account](#)

[Retrieve lost password](#)

Dear New User (Organization Name),

Your administrator just created an account for you on Gazelle.

You need to click the following link to confirm the validity of your e-mail address and to activate your account with the username : 'jdoe'.  
<https://hub-itp-val.ehealthexchange.org/gazelle/firstUserRegistration.seam?activationCode=1b67656690bb0c0c48de3b510b38a3d6>

You will be prompted to change your password on Gazelle.

**Click the URL link in the email received  
This will prompt you to set your new  
account password**

For security reasons, please Log Out and Exit your web browser when you are done accessing services that require authentication!



# Retrieve/Reset Password Step 2 - Request Email Received

- Once you receive the email for your password reset you will need to click on the hyperlink within the email and complete the following steps:
- Reset/Enter your new password and confirm a second time
- Press Save
- **NOTE: You will be redirected after this reset and will need to navigate to back to the content machine URL to access the tooling with your new password**
  - <https://hub-itp-val.ehealthexchange.org/evs/home.seam>

Gazelle

TF - Create an account Sign-in CAS Sign-in

Change password

Enter password and confirm and save

Please update your password

Username: Serendipity

NEW Password \*

NEW Password confirmation \*

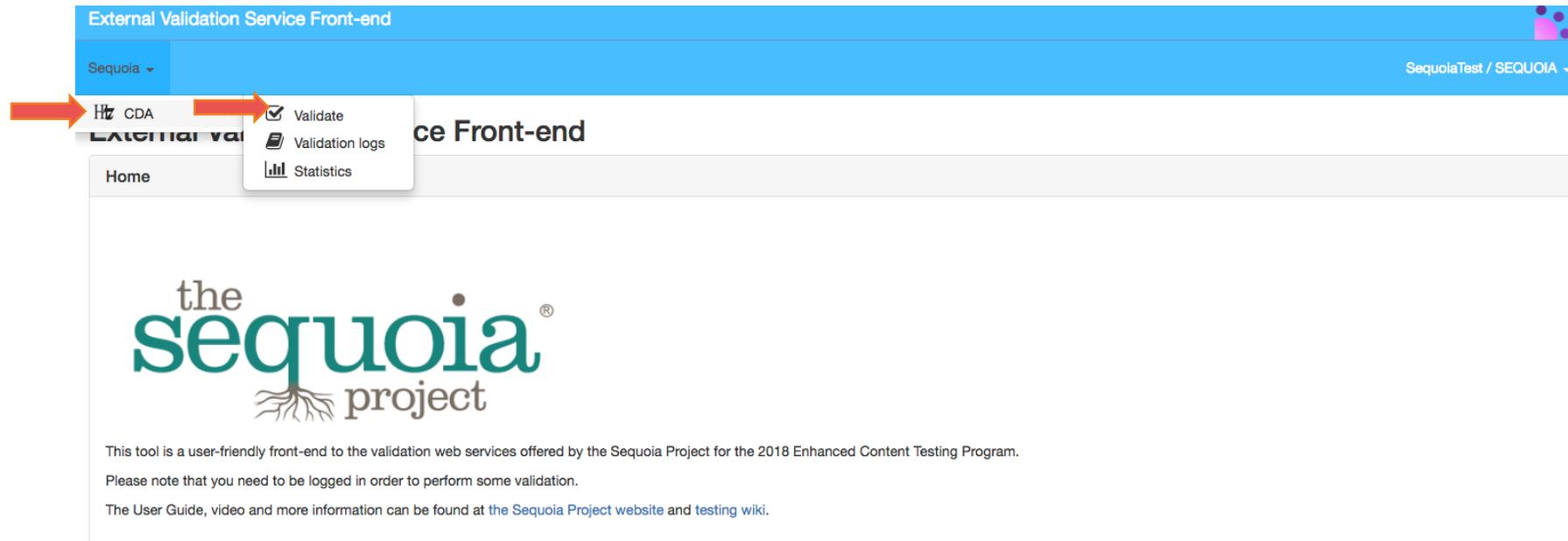
\* required fields

Save Cancel



# Validate a CDA/CCDA Document – Step 1

- Access the tooling <https://hub-itp-val.ehealthexchange.org/evs/home.seam>
- Once logged into the tooling, navigate to the upper left corner of the application and select validate as shown below:



# Validate a CDA/CCDA Document – Step 2

- Select Add button and choose document you wish to upload from your local storage.

The screenshot displays the 'External Validation Service Front-end' web application. The main heading is 'Validate CDA documents'. Under the 'Content selection' section, there is a text prompt 'Upload the file you want to validate' and a '+ Add...' button, which is highlighted by a red arrow. Below this is a 'Reset' button. An 'Open' file dialog window is overlaid on the page, showing the contents of a folder named 'Sequoia'. The dialog lists several files, including 'CCDA\_Scorecard\_sampleWithErrors (1)', which is selected and highlighted. A red arrow points to this file. The 'File name' field at the bottom of the dialog contains the text 'CCDA\_Scorecard\_sampleWithErrors (1)'. The file type is set to 'All Files'.

Name	Date modified	Type	Size	Folder
CCDA_Scorecard_sampleWithErrors (1) - TN TEST	7/9/2025 9:19 AM	XML Document	116 KB	Sequoia (
CDAR2_IG_CCD CLINNOTES_R1_DSTU2.1_2015AUG_Vol2_Templat...	10/23/2024 1:31 PM	Adobe Acrobat D...	13,128 KB	CDAR2_IC
CDAR2_IG_CCD CLINNOTES_R1_DSTU2.1_2015AUG_Vol1_Introduc...	10/23/2024 1:31 PM	Adobe Acrobat D...	1,650 KB	CDAR2_IC
C-CDA_R2-1_CCD	10/23/2024 1:31 PM	XML Document	152 KB	CDAR2_IC
C-CDA R1.1 vs 2.0 Reviews	10/23/2024 1:31 PM	Compressed (zipp...	831 KB	CDAR2_IC
R2.1_C-CDA_Errata_list_2016_03_01	10/23/2024 1:31 PM	Microsoft Excel W...	18 KB	CDAR2_IC
CDAR2_IG_CCD CLINNOTES_R1_DSTUR2.1_2015AUG	10/23/2024 1:31 PM	Compressed (zipp...	10,637 KB	Sequoia (
CCDA_Scorecard_sampleWithErrors (1)	10/23/2024 1:31 PM	XML Document	116 KB	Sequoia (
CDAR2_IG_CCD CLINNOTES_R1_DSTUR2.1_2015AUG - Copy	2/9/2024 2:42 PM	Compressed (zipp...	10,637 KB	Sequoia (
CCDA_Scorecard_sampleWithErrors (1) - Copy	10/12/2023 11:06 AM	XML Document	116 KB	Sequoia (
CTO Errata Letter_C-CDAR2.1_20160301	10/23/2024 1:31 PM	Adobe Acrobat D...	22 KB	CDAR2_IC
community_document_Henry Mayo	8/13/2025 1:33 PM	XML Document	46 KB	PROVIDE



# Validate a CDA/CCDA Document – Step 3

## Select appropriate validation for your version of document

- A. For MU 2015 Edition: choose Model Based Validation R2.1
- B. For Universal Realm CDA document choose HL7 CDA Release 2
- C. For USCDI: choose HL7 – C-CDA R2.1 - USCDI
- D. Press Validate button

The screenshot shows the 'External Validation Service Front-end' interface. The main heading is 'Validate CDA documents'. Under 'Content selection', the current file is 'CCDA\_Scorecard\_sampleWithErrors (1).xml'. Below this is a 'Validator selection' section with a dropdown menu. The dropdown is open, showing a search bar and a list of options: 'CDAGenerator', 'HL7 - C-CDA R2.1 - Meaningful Use Stage 3', 'HL7 - C-CDA R2.1 - USCDI', and 'HL7 - CDA Release 2'. A red arrow points to the 'Validate' button, and another red arrow points to the 'HL7 - C-CDA R2.1 - USCDI' option in the dropdown.



# Review Sections in Report for Pass/Fail

There are different ways to slice and dice the testing results  
**Information Section**

The screenshot shows the 'Validate CDA documents' page. A red arrow points to the 'Information' tab, which is circled in red. Another red arrow points to the 'Validation Results' tab, also circled in red. A blue arrow labeled 'Model' points to the 'Validation Results' tab. A blue arrow labeled 'Scorecard' points to the 'Scorecard' sub-tab. The 'Scorecard' sub-tab is active and shows the following sections:

- Well-formedness** **PASSED**: The document is well-formed.
- Schema Validation detailed Result** **PASSED**: The document is valid regarding the schema.
- Gazelle Objects Checker validator results** **FAILED**: Summary of checks shows 5 errors and 81 warnings out of 1128 total checks.

Severity	Count	Test Location Description
Errors	5	ccd212113 /ClinicalDocument/component/structuredBody/component[0]/section/entry[1]/act/entryRelationship[0]/observation In Allergy - Intolerance Observation (V2), the code of the observation[hi7:templateId/@root=2.16.840.1.113883.10.20.22.4.7]hi7:participant[hi7:participantRole/hi7:playingEntity/hi7:code SHALL be from the valueSet 2.16.840.1.113762.1.4.1010.1 (flexibility : C-CDAR2.1 2020-07-13) (Item : CONF:1098-7419) [Constraint...]
Warnings	81	



# Review Content Testing Information Section

## Information Section

1. The document sample tested is permanently stored with the results and can be downloaded if required
2. The testing result defaults to locked status, unlocking or making public can make this available for all testing organizations to view and download
3. Testing reports can be downloaded
4. Permanent Link

Validate CDA documents

Information  

File Name	CCDA_Scorecard_sampleWithErrors (1).xml 
OID :	1.3.6.1.4.1.12559.11.28.5.5592
Validation Date :	2/13/26 3:10:03 PM (EST GMT-05:00)
CDAGenerator :	HL7 - C-CDA R2.1 - Meaningful Use Stage 3 (Version 20220806)
Validation Results :	<b>DONE_FAILED</b>  
Permanent link :	<a href="https://hub-ftp-val.ehealthexchange.org/evs/report.seam?oid=1.3.6.1.4.1.12559.11.28.5.5592">https://hub-ftp-val.ehealthexchange.org/evs/report.seam?oid=1.3.6.1.4.1.12559.11.28.5.5592</a>
Data Visibility :	Private - Owned By tnylander / eHx

Make this result public share this result Validate again Perform another validation



# Review Validation Result Section Templates Tree

1. Click on eye icon to view error within XML
2. Click Show Templates to get this view and errors adjust on the left side

The screenshot displays the 'Validation Results' section of a software interface. It is divided into three main panels: 'XML Validation Report', 'XSD Validation detailed Result', and 'Gazelle Objects Checker validator results'. The 'XML Validation Report' and 'XSD Validation detailed Result' panels both show a 'PASSED' status. The 'Gazelle Objects Checker validator results' panel shows a 'FAILED' status with a summary of 57 errors and 3937 warnings. A table lists specific errors with columns for Severity, Test ID, Location, Description, and Type. Annotations include a red circle around the 'Validation Results' header, a red arrow labeled '2' pointing to the 'Show Templates' button, and a red arrow labeled '1' pointing to the 'View Error in XML' link.

**Validation Results**

Model based validation Scorecard

**XML Validation Report PASSED**

The document you have validated is supposed to be a wellformed XML document. The validator has checked if it is well-formed, results of this validation are gathered in this section.  
The XML document is well-formed

**XSD Validation detailed Result PASSED**

Your XML document has been validated with the appropriate XSD schema, here is the detail of the validation outcome.  
The XML document is valid regarding the schema

**Gazelle Objects Checker validator results FAILED**

Summary of checks **57** 9 3937

Severity	Test	Location	Description	Type
Errors	ccdamu33465	/ClinicalDocument/component/structuredBody/component[0]/section/entry[0]/act	In Allergy Concern Act (V3), in /hl7:act[hl7:templateId/@root=2.16.840.1.113883.10.20.22.4.30]/hl7:code, the attribute code SHALL have the value 'CONC' if present[ Constraint... ] [ Assertion... ]	Fixed value
Warnings	ccdamu33466	/ClinicalDocument/component/structuredBody/component[0]/section/entry[0]/act	In Allergy Concern Act (V3), in /hl7:act[hl7:templateId/@root=2.16.840.1.113883.10.20.22.4.30]/hl7:code, the attribute codeSystem SHALL have the value '2.16.840.1.113883.5.6' if present[ Constraint... ] [ Assertion... ]	Fixed value
Infos	ccdamu3666	/ClinicalDocument/component/structuredBody/component[0]/section/entry[0]/act/entryRelationship[0]/observation/entryRelationship[2]/observation	In Reaction Observation (V2), in /hl7:observation[hl7:templateId/@root=2.16.840.1.113883.10.20.22.4.9], the element(s) hl7:code SHALL not have nullFlav or (mandatory) (Item : CONF:1098-16851)[ Constraint... ] [ Assertion... ]	Mandatory
Unknowns	cdact011	/ClinicalDocument/component/structuredBody/component[0]/section/entry[0]/act[id[0]		

**Errors adjust**

**Show Templates**

Tree of the templates used in this document  
Click on template ID to filter the list of notifications

Show Templates

- 2.16.840.1.113883.10.20.22.1.1 - USRealmHeaderV3
- 2.16.840.1.113883.10.20.22.1.2 - ContinuityofCareDocumentCCDV
- 2.16.840.1.113883.10.20.22.2.6.1 - AllergiesandIntolerancesS
- 2.16.840.1.113883.10.20.22.4.30 - AllergyConcernActV3
  - 2.16.840.1.113883.10.20.22.4.7 - AllergyIntoleranceObserv
  - 2.16.840.1.113883.10.20.22.4.28 - AllergyStatusObserv
  - 2.16.840.1.113883.10.20.22.4.8 - SeverityObservationV
  - 2.16.840.1.113883.10.20.22.4.9 - ReactionObservationV
- 2.16.840.1.113883.10.20.22.2.1 - MedicationsSectionentriesopti
- 2.16.840.1.113883.10.20.22.2.1.1 - MedicationsSectionentriesre
- 2.16.840.1.113883.10.20.22.4.16 - MedicationActivityV2
  - 2.16.840.1.113883.10.20.22.4.23 - MedicationInformationV
  - 2.16.840.1.113883.10.20.1.47 - UNKNOWN
  - 2.16.840.1.113883.10.20.1.57 - UNKNOWN
- 2.16.840.1.113883.10.20.22.4.16 - MedicationActivityV2
  - 2.16.840.1.113883.10.20.22.4.23 - MedicationInformationV
  - 2.16.840.1.113883.10.20.1.47 - UNKNOWN
  - 2.16.840.1.113883.10.20.1.57 - UNKNOWN
- 2.16.840.1.113883.10.20.22.5.1 - ProblemSectionentriesrequir
- 2.16.840.1.113883.10.20.22.4.3 - ProblemConcernActV3
  - 2.16.840.1.113883.10.20.22.4.4 - ProblemObservationV3
  - 2.16.840.1.113883.10.20.22.4.6 - ProblemStatusDEPRE
- 2.16.840.1.113883.10.20.22.2.3.1 - ResultsSectionentriesrequir
- 2.16.840.1.113883.10.20.22.4.1 - ResultOrganizerV3
  - 2.16.840.1.113883.10.20.22.4.2 - ResultObservationV3
  - 2.16.840.1.113883.10.20.22.4.1 - ResultOrganizerV3
  - 2.16.840.1.113883.10.20.22.4.2 - ResultObservationV3
  - 2.16.840.1.113883.10.20.22.4.1 - ResultOrganizerV3
  - 2.16.840.1.113883.10.20.22.4.2 - ResultObservationV3
  - 2.16.840.1.113883.10.20.22.2.17 - SocialHistorySectionV3
  - 2.16.840.1.113883.10.20.22.4.38 - SocialHistoryObservationV
  - 2.16.840.1.113883.10.20.22.4.78 - SmokingStatusMeaningful



# File Content Section

1. XML tab allows user to indent “prettify” file and add line numbers to make more readable
2. Click on XML Tree Tab to allow expand/collapse all
3. Click on Binary content tab to see XML in Binary form

The screenshot displays a web application interface for viewing XML content. It features three tabs: 'XML', 'XML Tree', and 'Binary content'. The 'XML' tab is active and shows the XML content with line numbers (1-34) and a 'Prettify content' checkbox checked. The 'XML Tree' tab is also visible, showing a tree view of the XML structure with an 'Expands/collapse all' checkbox checked. The 'Binary content' tab is also visible, showing the XML content in binary form with a 'View lines numbers' checkbox checked and a line number '60' displayed. Red arrows and circles highlight the 'XML' tab, the 'Expands/collapse all' checkbox, and the 'Binary content' tab.

# Review errors in line with XML

1. Descriptions of errors can be found within XML
2. Click on Constraint and Assertion to get additional details for troubleshooting

```
252 <templateId root="2.16.840.1.113883.10.20.22.4.28"/>
253 <!-- Allergy status observation template -->
254 <code code="33999-4" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Status"/>
255 <statusCode code="completed"/>
256 <value code="55561003" codeSystem="2.16.840.1.113883.6.96" displayName="Allergy" xsi:type="CE"/>
257 </observation>
258 </entryRelationship>
259 <entryRelationship inversionInd="true" typeCode="SUBJ">
260 <observation classCode="OBS" moodCode="EVN">
```

(1/250) ↓	<b>Test</b>	ccda212278	E - 1
	<b>Location</b>	/ClinicalDocument/component/structuredBody/component[0]/section/entry[0]/act/entryRelationship[0]/observation/entryRelationship[1]/observation	
	<b>Description</b>	In Severity Observation (V2), the code of /hl7:observation[hl7:templateId/@root="2.16.840.1.113883.10.20.22.4.8"] value SHALL be from the valueSet 2.16.840.1.113883.3.88.12.3221.6.8 (flexibility : C-CDA R2.1 2020-07-13) (Item : CONF:1098-7356) [ Constraint... ] [ Assertion... ]	
	<b>Type</b>	Vocabulary	

```
261 <templateId root="2.16.840.1.113883.10.20.22.4.8"/>
262 <!-- ** Severity observation template ** -->
263 <code code="SEV" codeSystem="2.16.840.1.113883.5.4" codeSystemName="ActCode" displayName="Severity Observation"/>
264 <text>
265 <reference value="#severity1"/>
266 </text>
267 <statusCode code="completed"/>
268 <value code="399166001" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Fatal" xsi:type="CD"/>
269 </observation>
270 </entryRelationship>
271 <entryRelationship inversionInd="true" typeCode="MFST">
```



# Constraint & Assertion Hints

1. Constraints will provide the CONF: xxxx-xxxx that corresponds to the base underlying HL7 specification

**Constraint Descriptor : ccda212278 (type: org.eclipse.emf.ecore.impl.DynamicEObjectImpl@7dd92a36 (eClass: org.eclipse.emf.ecore.impl.EClassImpl@531ed68e (name: OclInvalid\_Class) (instanceClassName: null) (abstract: false, interface: false)), kind: Vocabulary)**

Constraint : ccda212278

Constraint Name	ccda212278 (type: org.eclipse.emf.ecore.impl.DynamicEObjectImpl@7dd92a36 (eClass: org.eclipse.emf.ecore.impl.EClassImpl@531ed68e (name: OclInvalid_Class) (instanceClassName: null) (abstract: false, interface: false)), kind: Vocabulary)
Constraint Class	Severity ObservationV2
Package	ccda212278
Description	In Severity Observation (V2), the code of /hl7:observation[hl7:templateId/@root='2.16.840.1.113883.10.20.22.4.8']/hl7:value SHALL be from the valueSet 2.16.840.1.113883.3.88.12.3221.6.8 (flexibility : C-DA R2.1 2020-07-13) (Item : CONF:1098-7356)
OCL	self.value->forAll( (not nullFlavor.oclIsUndefined()) or ((not oclAsType(CD).code.oclIsUndefined()) and CommonOperationsStatic::matchesValueSet('2.16.840.1.113883.3.88.12.3221.6.8&ve

List Assertions

- <https://gallecontent.sequoiaproject.org/AssertionManagerGui/rest/testAssertion/assertion?assertionId=CONF:1098-7356&idScheme=ccda21>

Assertion Manager

Scopes   Assertions   Id Schemes   Documents

## Unknown assertion

Assertion id	CONF:1098-7356
Id scheme	ccda21



# Scorecard Tab – Click Get Scorecard to generate view

### Validation result

Information  

**File Name** DemoCCDR2.1-20161105.xml   
**OID :** 1.3.6.1.4.1.12559.11.28.5.274  
**Validation Date :** 9/8/22 6:43:12 PM (EDT GMT-0400)  
**CDAGenerator :** HL7 - C-CDAR2.1 - Meaningful Use Stage 3 (Version 20220806)  
**Validation Results :**     
**Permanent link :** <https://content.sequoiaproject.org/evs/report.seam?oid=1.3.6.1.4.1.12559.11.28.5.274>  
**Data Visibility :** Private. Shared By didi / SEQUOIA

[Make this result public](#) [Share result](#) [Validate again](#) [Perform another validation](#)

**Validation Results** **Scorecard**

### Scorecard

Contextual information

**Validation identifier** 1.3.6.1.4.1.12559.11.28.5.274  
**Statistics identifier** 1.3.6.1.4.1.12559.11.28.3.1.2053  
**Validation tool** Gazelle CDA Validation (version: 20220806)  
**Statistic tool** Gazelle CDA Validation (version: 2.2.3)  
**Effective date** 2022-09-09 00:43:47 (+0200)

**Constraint scoring** **Templates scoring**

This section of the scorecard gives you indications regarding the constraints which have been applied on your document during the validation process. Because some constraints are used several times, the scorecard also shows you how many distinct constraints were executed.

#### Summary

**Summary of outcomes** 

The overall conformity progress bar below summarizes the conformity of your document in percentages, differentiating passed executed constraints from other statuses of execution.

**Overall conformity** 

**Conformity of unique constraints** 

#### Types of constraints

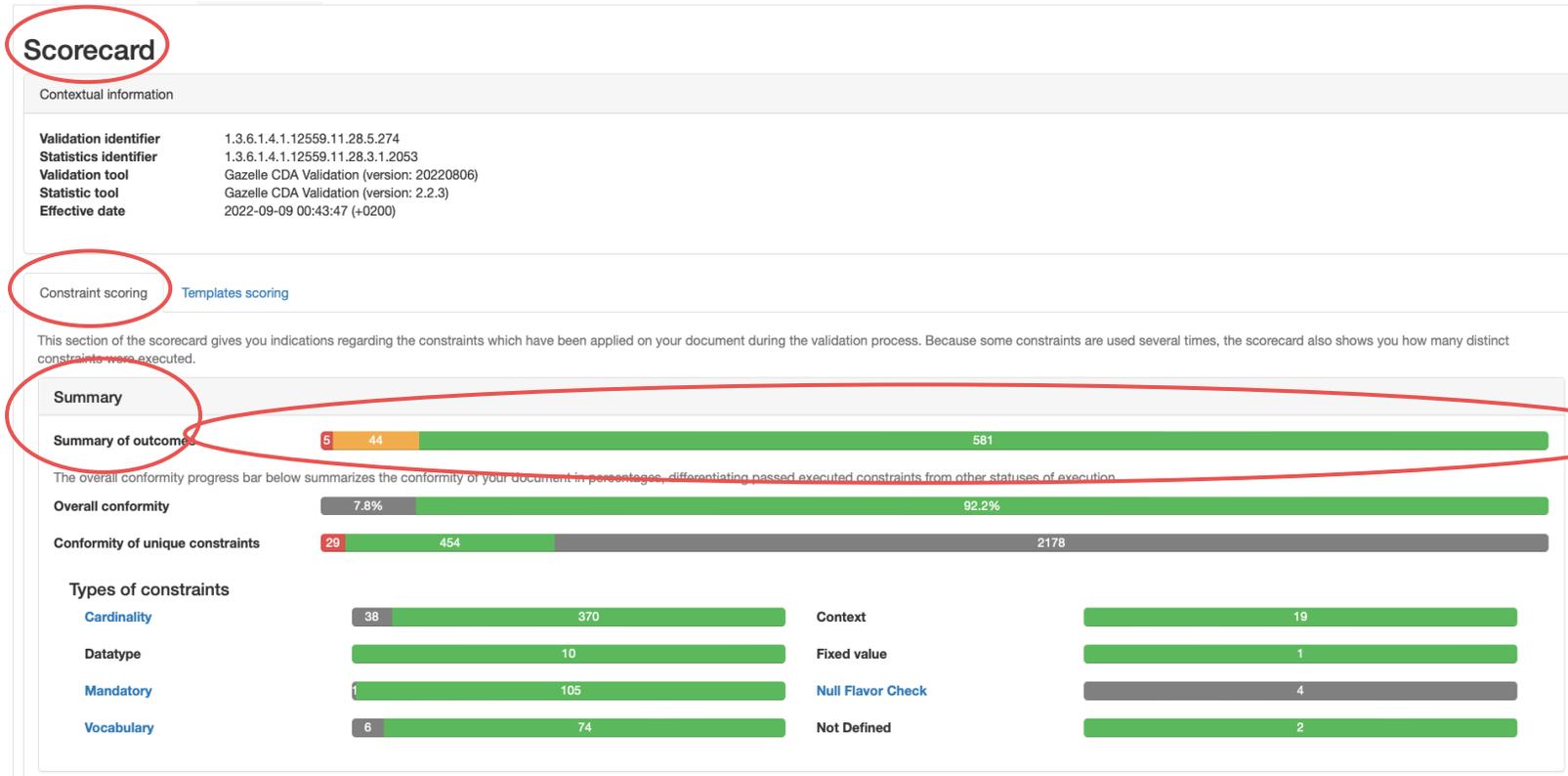
<b>Cardinality</b>		<b>Context</b>	
<b>Datatype</b>		<b>Fixed value</b>	
<b>Mandatory</b>		<b>Null Flavor Check</b>	
<b>Vocabulary</b>		<b>Not Defined</b>	



# Scorecard Constraint Scoring/Summary Section

This view provides a summarized view of errors/warnings/info items

- Red numbers are errors
- Orange numbers are warnings
- Green numbers are informational



# Scorecard Detail Section

1. This provides a summarized view of errors/warnings/info items per individual item to allow organizations to focus on recurring errors by type - Items show in blue are hyperlinked to constraint

The screenshot displays a 'Detail' section for constraints. A red circle highlights the 'Detail' tab. Below it, a table lists constraints grouped by type: Cardinality, Fixed value, Mandatory, Vocabulary, and Untyped constraints. Each constraint is represented by a horizontal bar chart showing the number of errors (red) and warnings (green). A red arrow points to the 'cdadt011' constraint in the 'Untyped constraints' group, which has 18 errors and 141 warnings. Below the table, a 'Constraint Descriptor' for 'cdadt011' is shown, including its name, class, package, description, and OGL. A 'File Content' section at the bottom left offers 'Raw XML Content' and 'HTML View of Content' options, with a 'View line numbers' link. A 'List Assertions' section at the bottom right shows a single assertion URL.

Constraint ID	Errors	Warnings
cdadamu32140	2	0
cdadamu31604	2	0
cdadamu33324	1	0
cdadamu33466	1	0
cdadamu31262	1	0
cdadamu3666	1	0
cdadamu32142	1	1
cdadamu31696	1	0
cdadamu3732	1	0
cdadamu33465	1	0
cdadamu31261	1	0
cdadamu32008	1	0
cdadt011	18	141
cdadt020	2	74
dtits007	21	81
cdadt013	2	29
rmim112_1	9	0

**Constraint Descriptor : cdadt011 (type: ERROR, kind: )**

Constraint : cdadt011

Constraint Name: cdadt011 (type: ERROR, kind: )  
Constraint Class: @Spec  
Package: ccdact  
Description: When root is UUID, the hexadecimal digits A-F SHALL be in upper case (CDADT-011)  
OGL: self.root.ocLisInDefined() or (not self.matches(self.root, '[0-9a-z-21(8)]-[0-9a-z-21(4)]-[0-9a-z-21(4)]-[0-9a-z-21(4)]-[0-9a-z-21(12)]')) or self.matches(self.root, '[0-9A-Z-21(8)]-[0-9A-Z-21(4)]-[0-9A-Z-21(4)]-[0-9A-Z-21(4)]-[0-9A-Z-21(12)]')

List Assertions

- <https://gizellecontent.sequoiaproject.org/AssertionManagerGui/rest/testAssertion/assertion?assertionId=CDADT-011&Scheme=CDADT>



# Scorecard – Template Scoring/Access Tree View

1. Shows templates utilized in **blue = true** and **black = false**
2. Summary of rules outcome highlighted by section **errors/warnings/info**

Constraint scoring | **Templates scoring**

Access tree view

Continuity of Care Document (CCD) (V3) [2.16.840.1.113883.10.20.22.1.2]

Summary of rules outcome: 5 errors, 44 warnings, 581 info

Sub template(s)

Template Id	Is present
2.16.840.1.113883.10.20.22.2.1.1	true
2.16.840.1.113883.10.20.22.2.10	true
2.16.840.1.113883.10.20.22.2.14	false
2.16.840.1.113883.10.20.22.2.15	false
2.16.840.1.113883.10.20.22.2.17	true
2.16.840.1.113883.10.20.22.2.18	false
2.16.840.1.113883.10.20.22.2.2.1	false
2.16.840.1.113883.10.20.22.2.21	false
2.16.840.1.113883.10.20.22.2.22	false
2.16.840.1.113883.10.20.22.2.23	false
2.16.840.1.113883.10.20.22.2.3.1	true
2.16.840.1.113883.10.20.22.2.4.1	true
2.16.840.1.113883.10.20.22.2.5.1	true
2.16.840.1.113883.10.20.22.2.56	false
2.16.840.1.113883.10.20.22.2.57	false
2.16.840.1.113883.10.20.22.2.6.1	true
2.16.840.1.113883.10.20.22.2.7.1	true

Medications Section (entries required) (V2) [2.16.840.1.113883.10.20.22.2.1.1]

Summary of rules outcome: 1 error, 4 warnings, 52 info

Sub template(s)

Template Id	Is present
2.16.840.1.113883.10.20.22.4.16	true

Medication Activity (V2) [2.16.840.1.113883.10.20.22.4.16]

Summary of rules outcome: 1 error, 4 warnings, 43 info

Sub template(s)



# Viewing Validation Logs

1. Leverage search criteria when searching validation logs for your organization
2. All results (locked/unlocked) for users within your organization will be visible

**Validated CDA documents (C-CDA)**

Search Criteria

Date: Any  ✕

Validation status: Show all  ✕

Entry point: Show all  ✕

User: Show all  ✕

Organization: Show all  ✕

OID	Validation date	Entry point	User	Organization	Validation Service	Validator	Validator version	Validation status
1.3.6.1.4.1.12559.11.28.5.2129	11/10/22 3:06:15 PM (EST GMT-0500)	GUI	lbright	SEQUOIA	CDAGenerator	HL7 - C-CDA R2.1 - Meaningful Use Stage 3	20220806	<span>DONE_FAILED</span>
1.3.6.1.4.1.12559.11.28.5.1815	10/25/22 12:26:42 PM (EDT GMT-0400)	GUI	matt	SEQUOIA	CDAGenerator	HL7 - C-CDA R2.1 - Meaningful Use Stage 3	20220806	<span>DONE_FAILED</span>
1.3.6.1.4.1.12559.11.28.5.1813	10/25/22 3:10:40 AM (EDT GMT-0400)	GUI	didi	SEQUOIA	CDAGenerator	HL7 - C-CDA R2.1 - Meaningful Use Stage 3	20220806	<span>DONE_FAILED</span>
1.3.6.1.4.1.12559.11.28.5.1812	10/25/22 3:08:57 AM (EDT GMT-0400)	GUI	didi	SEQUOIA	CDAGenerator	HL7 - C-CDA R1.1	1.1.9	<span>DONE_FAILED</span>
1.3.6.1.4.1.12559.11.28.5.1811	10/25/22 3:08:23 AM (EDT GMT-0400)	GUI	didi	SEQUOIA	CDAGenerator	HL7 - C-CDA R2.1 - Meaningful Use Stage 3	20220806	<span>DONE_PASSED</span>
1.3.6.1.4.1.12559.11.28.5.1810	10/25/22 3:07:54 AM (EDT GMT-0400)	GUI	didi	SEQUOIA	Schematron Based Validator	SEQUOIA - Meaningful Use HITSP/C32 v2.5 (20171212)_COPY	Unknown	<span>DONE_PASSED</span>
1.3.6.1.4.1.12559.11.28.5.1809	10/25/22 3:07:00 AM (EDT GMT-0400)	GUI	didi	SEQUOIA	CDAGenerator	HL7 - C-CDA R2.1 - Meaningful Use Stage 3	20220806	<span>DONE_FAILED</span>
1.3.6.1.4.1.12559.11.28.5.1808	10/25/22 3:04:49 AM (EDT GMT-0400)	GUI	didi	SEQUOIA	CDAGenerator	HL7 - C-CDA R2.1 - Meaningful Use Stage 3	20220806	<span>DONE_FAILED</span>
1.3.6.1.4.1.12559.11.28.5.1775	10/18/22 12:36:50 PM (EDT GMT-0400)	GUI	lbright	SEQUOIA	CDAGenerator	HL7 - C-CDA R2.1 - Meaningful Use Stage 3	20220806	<span>DONE_FAILED</span>
1.3.6.1.4.1.12559.11.28.5.1584	10/22/22 12:43:57 PM (EDT GMT-0400)	GUI	smore	SEQUOIA	CDAGenerator	HL7 - C-CDA R2.1 - Meaningful Use Stage 3	20211201	<span>DONE_PASSED</span>



# Statistics – Available to all

External Validation Service Front-end

Sequoia Administration

CDA-C-CDA Validate Validation logs **Statistics**

Links

- Number of validation per validation services
- Number of validation per validation context
- Repartition of validation outcomes
- Timeline (amount of validation requests per months)
- Timeline (amount of validation requests per year)

External Validation Service Front-end

Sequoia

Statistics for CDA (C-CDA)

Links

- Number of validation per validation services
- Number of validation per validation context
- Repartition of validation outcomes
- Timeline (amount of validation requests per months)
- Timeline (amount of validation requests per year)

Number of validation per validation services

Number of validation per validation context

Repartition of validation outcomes

Timeline (amount of validation requests per months)

Timeline (amount of validation requests per year)

External Validation Service Front-end

Sequoia

Statistics for CDA (C-CDA)

Links

- Number of validation per validation services
- Number of validation per validation context
- Repartition of validation outcomes
- Timeline (amount of validation requests per months)
- Timeline (amount of validation requests per year)

Number of validation per validation services

Repartition of validation outcomes

Timeline (amount of validation requests per months)

# Questions?

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