ONC Health IT Certification Program Developer Roundtable

March 9, 2022

ONC Health IT Certification Program

The Office of the National Coordinator for Health Information Technology

Please Note:

- The materials contained in this presentation are based on the provisions contained in 45 C.F.R. Parts 170 and 171. While every effort has been made to ensure the accuracy of this restatement of those provisions, this presentation is not a legal document. The official program requirements are contained in the relevant laws and regulations. Please note that other Federal, state and local laws may also apply.

- This communication is produced and disseminated at U.S. taxpayer expense.

Agenda

1. Opening Remarks
2. CHPL Navigation
3. Attestations Condition and Maintenance of Certification
4. API Resource Guide and Clarifications
5. Inferno Framework preview/ demonstration
6. Additional Support:
    a) US Core Beta Test Blog Post
    b) Certified Health IT Developer Inferno Office Hours

Opening Remarks

Rob Anthony, Director, Certification and Testing Division

Today's Speakers:

1. Nana Martinson, Public Health Analyst, Program Administration
2. Papia Paul, Public Health Analyst, Program Administration
3. John Bender, Public Health Analyst, Tools and Testing
4. Keith Carlson, Health IT Specialist, Tools and Testing
5. Scott Bohon, Public Health Analyst, Tools and Testing

Developer CHPL Navigation

Nana Martinson, Public Health Analyst

Certified Health IT Product List (CHPL) Overview

CHPL Background

- The CHPL is the authoritative, comprehensive listing of all health IT products that have been tested and certified under the ONC Health IT Certification Program.

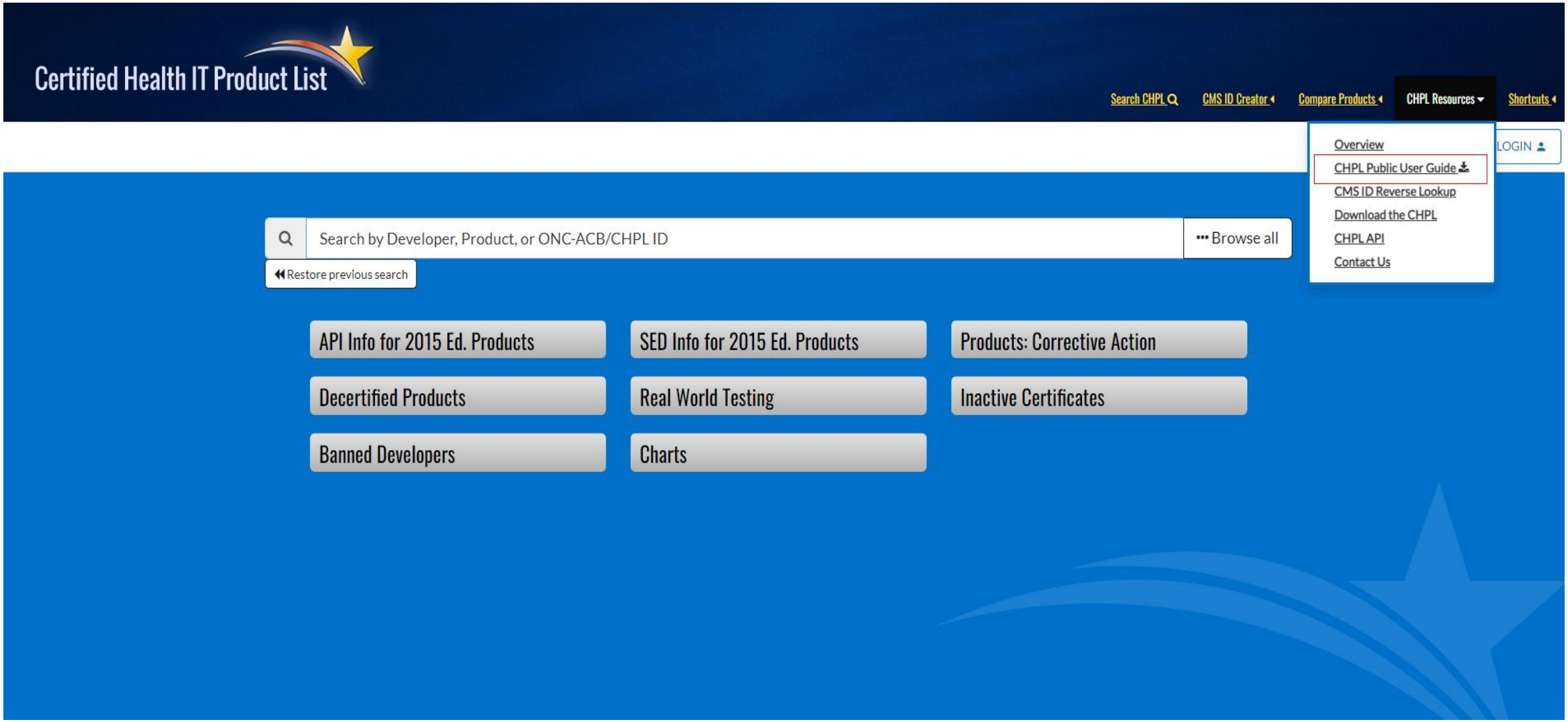
https://chpl.healthit.gov

- Health IT products are listed on the CHPL after successfully being tested by an ONC Authorized Testing Laboratory (ONC-ATL) and certified by an ONC Authorized Certification Body (ONC-ACB).

- Contains data on certified health IT, including:
  - Certification criteria to which the health IT has been certified
  - Compliance activities and their corrective actions and resolutions
  - Clinical quality measures, usability testing results, program requirements, and more…

- Supports the use of certified health IT in Centers for Medicare & Medicaid Services (CMS) programs

Main CHPL Navigation Page



CHPL Listing Page

ONC Health IT Certification Program
The Office of the National Coordinator for Health Information Technology

Certified Health IT Product List

Search CHPL | CMS ID Creator | Compare Products | CHPL Resources | Shortcuts

ADMINISTRATOR LOGIN

Search

Search by Developer, Product, or ONC-ACB/CHPL ID

Certification Status | Certification Edition | Certification Criteria | Compliance Activity | More

Please note that only active and suspended listings are shown by default. Use the Certification Status / Certification Edition filters above to display retired, withdrawn, terminated, or 2011 and 2014 edition listings.

Browse all | Clear Filters | See 3 Previously Compared Listings | See 20 Previously Viewed Listings

1 - 50 of 774 Results

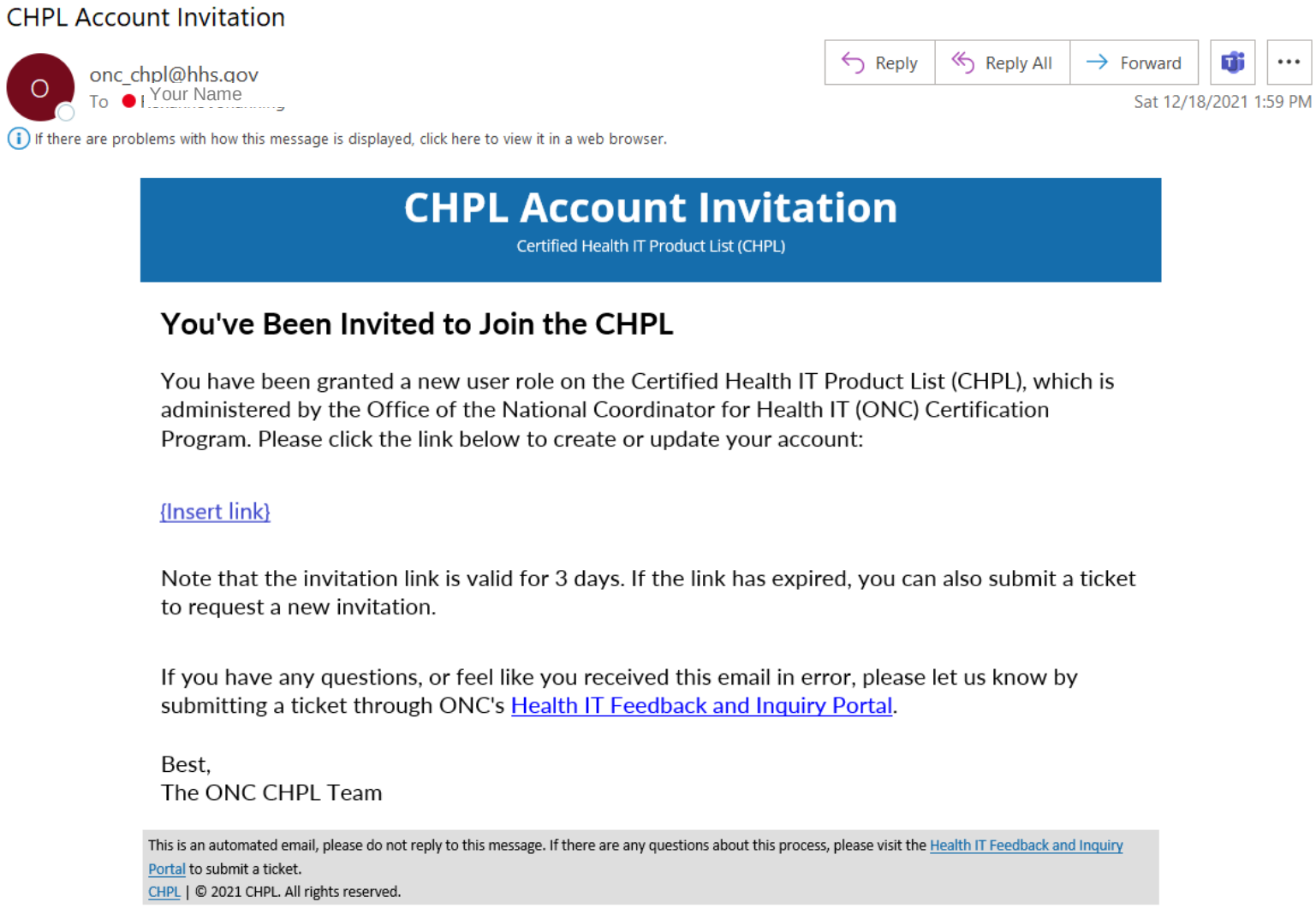
Previous 1 2 3 4 5 6 7 8 9 10 ... 16 Next

Edition	Developer	Product	Version	Certification Date	CHPL ID	Status	
2015	VIPA Health Solutions, LLC	24/7 smartEMR	7.1	Mar 28, 2019	15.04.04.2916.smar.07.01.1.190328	✓	Details Compare Cert ID
2015	MediRec, Inc.	abcEHR V	1	Sep 28, 2020	15.04.04.2799.abcE.01.00.1.200928	✓	Details Compare Cert ID
2015	Acelis Connected Health Technologies	Acelis Connected Health eSuite	11.3	May 17, 2019	15.04.04.3046.Acel.11.01.0.190517	✓	Details Compare Cert ID
2015	Accelerated Care Plus	ACPlus™	V1	Jan 29, 2020	15.04.04.3068.ACPl.01.00.0.200129	✓	Details Compare Cert ID
2015	Ocuco Limited	Acuitas activEHR	2.0	Apr 9, 2018	15.04.04.2087.Acui.02.00.1.180409	✓	Details Compare Cert ID
2015	AdvancedMD	AdvancedMD	21.3	Jan 31, 2022	15.04.04.2666.Adva.21.03.1.220131	✓	

Home | Privacy Policy | Disclaimer | White House | HHS | USA.gov | Viewers & Players | GobiernoUSA.gov

Developer CHPL Navigation

Email Invitation to create Developer User Account



CHPL Account Invitation

onc_chpl@hhs.gov
To Your Name

Reply | Reply All | Forward

Sat 12/18/2021 1:59 PM

If there are problems with how this message is displayed, click here to view it in a web browser.

CHPL Account Invitation

Certified Health IT Product List (CHPL)

You've Been Invited to Join the CHPL

You have been granted a new user role on the Certified Health IT Product List (CHPL), which is administered by the Office of the National Coordinator for Health IT (ONC) Certification Program. Please click the link below to create or update your account:

{Insert link}

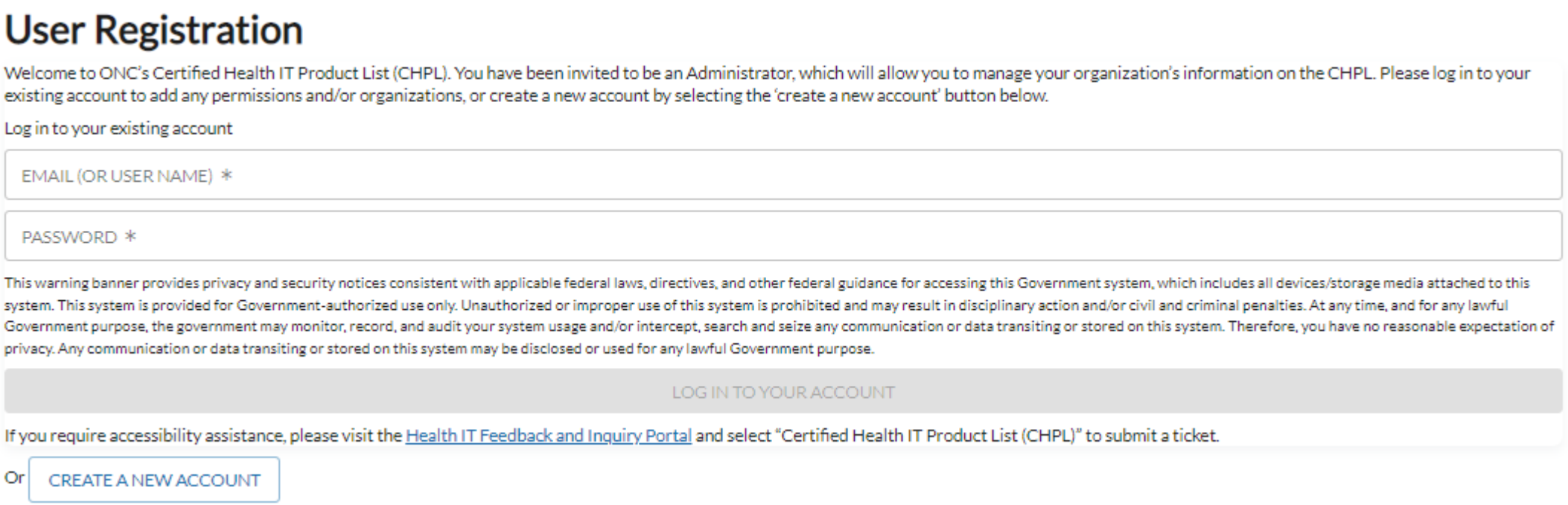
Note that the invitation link is valid for 3 days. If the link has expired, you can also submit a ticket to request a new invitation.

If you have any questions, or feel like you received this email in error, please let us know by submitting a ticket through ONC's Health IT Feedback and Inquiry Portal.

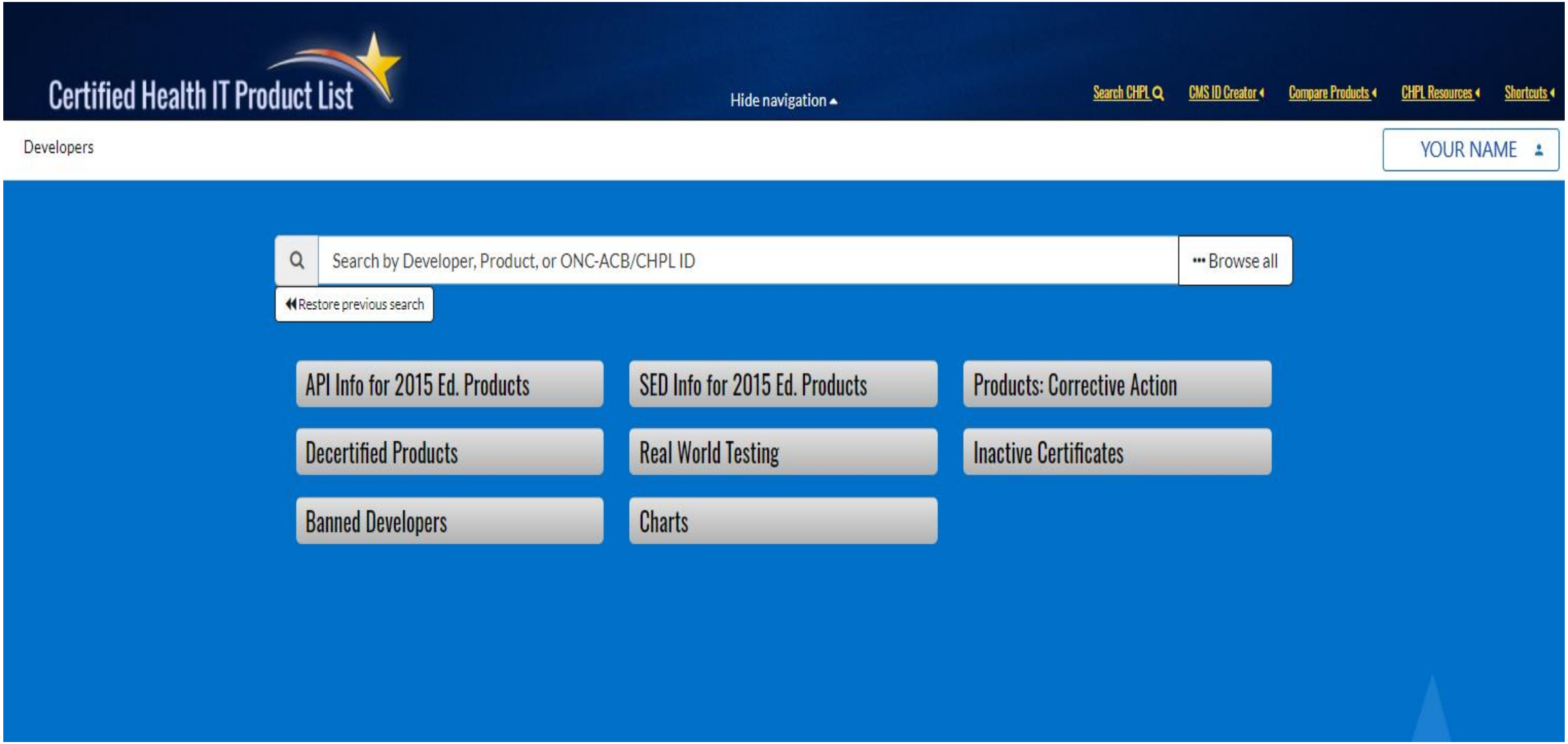
Best,
The ONC CHPL Team

This is an automated email, please do not reply to this message. If there are any questions about this process, please visit the Health IT Feedback and Inquiry Portal to submit a ticket.
CHPL | © 2021 CHPL. All rights reserved.

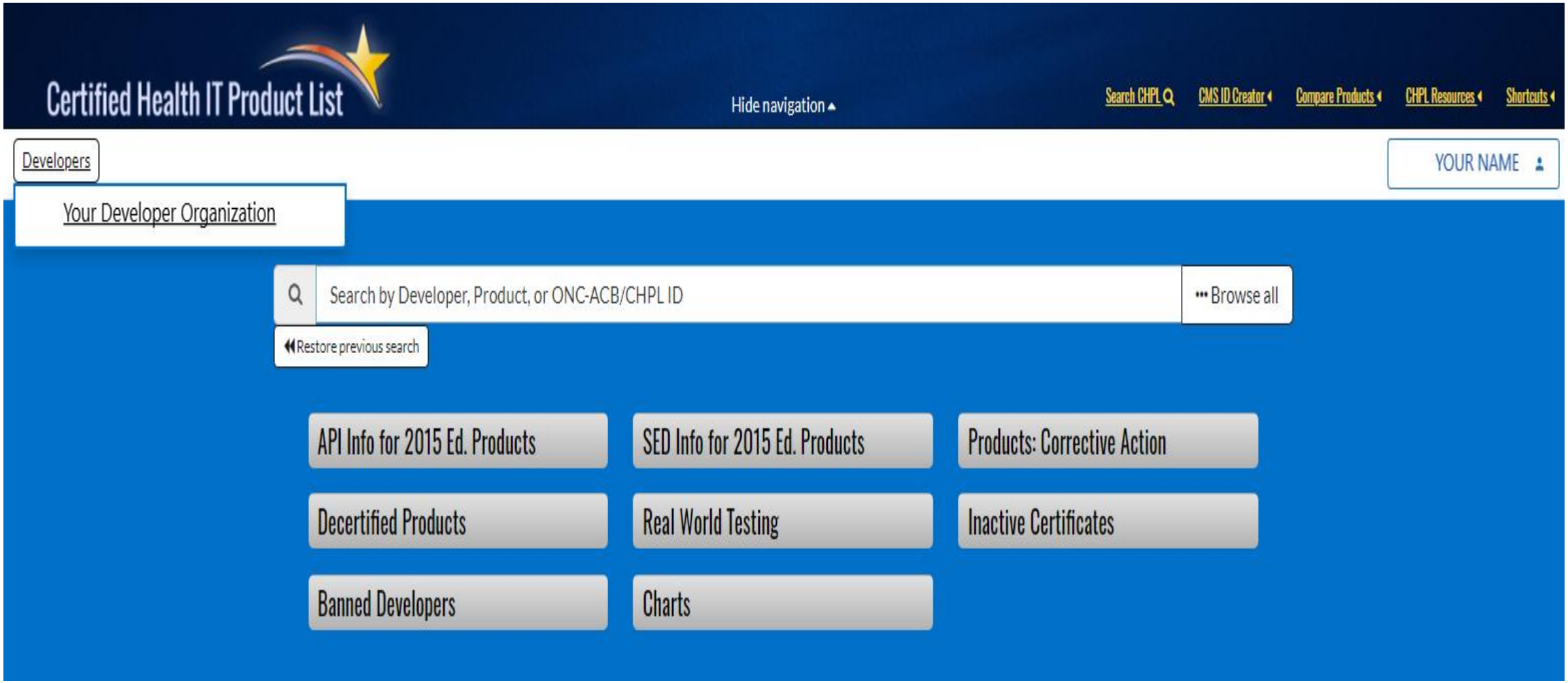
Creating your Developer user account



Main CHPL Navigation page

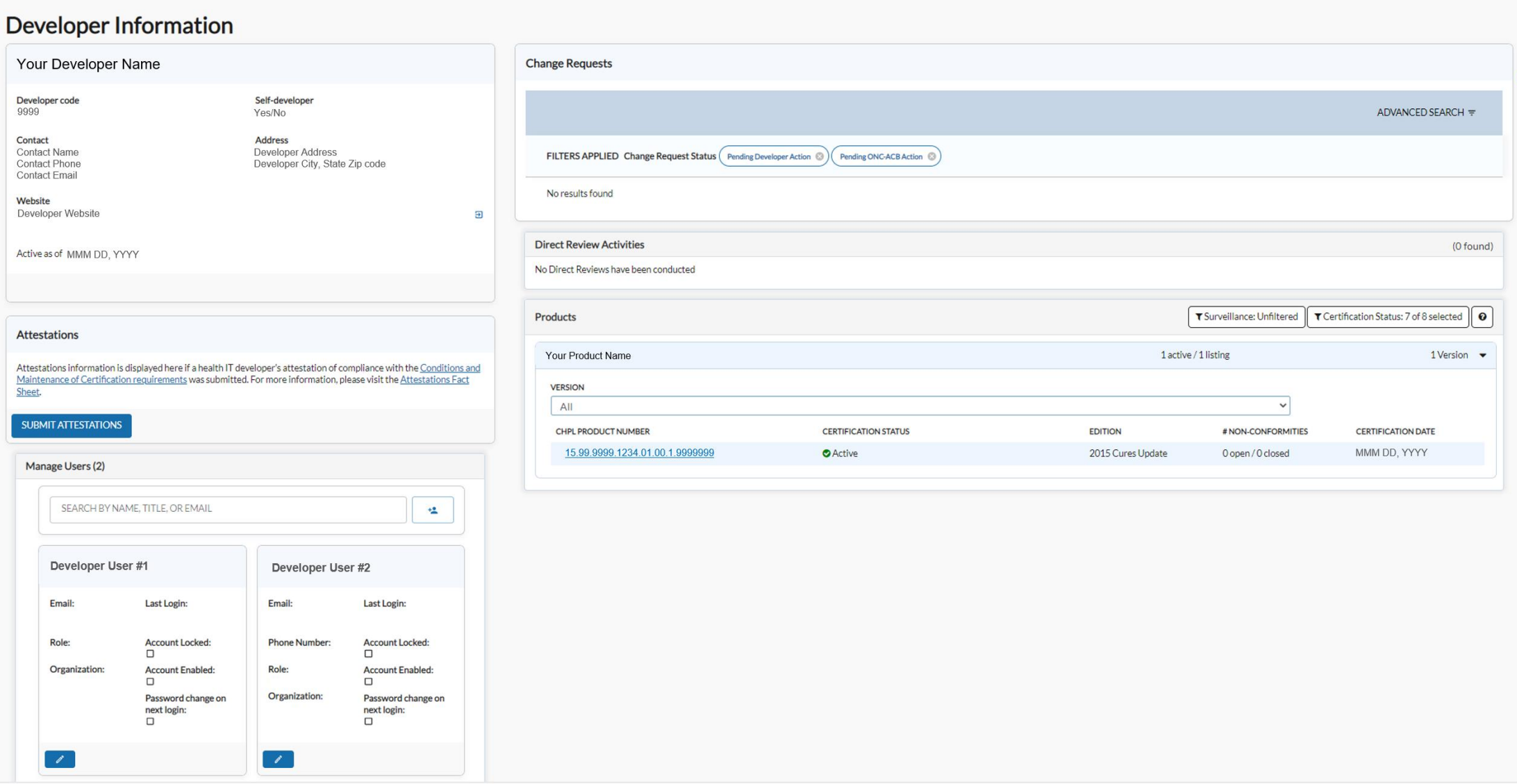


Navigation to your Developer Organization Page

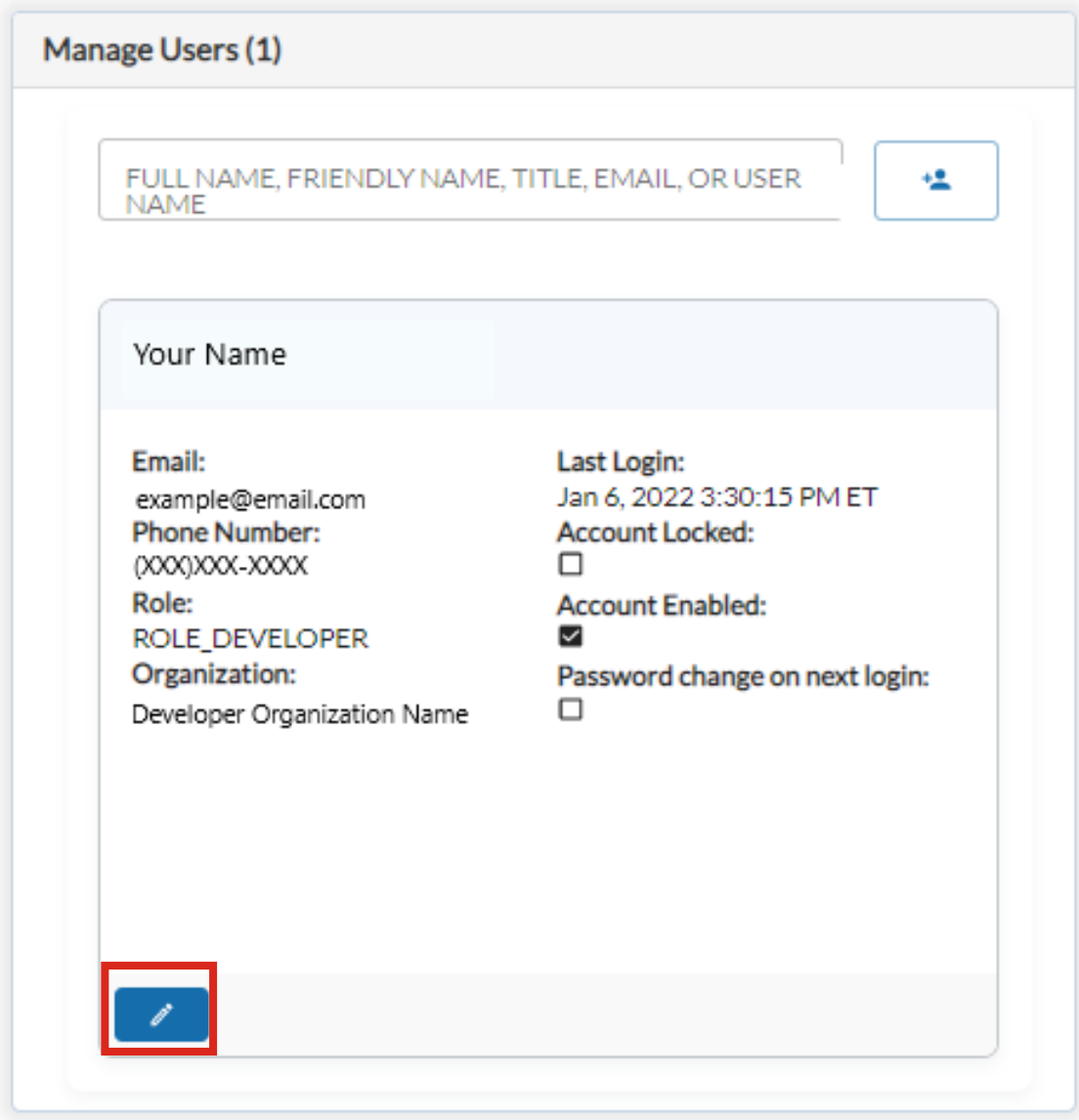


ONC Health IT Certification Program
The Office of the National Coordinator for Health Information Technology

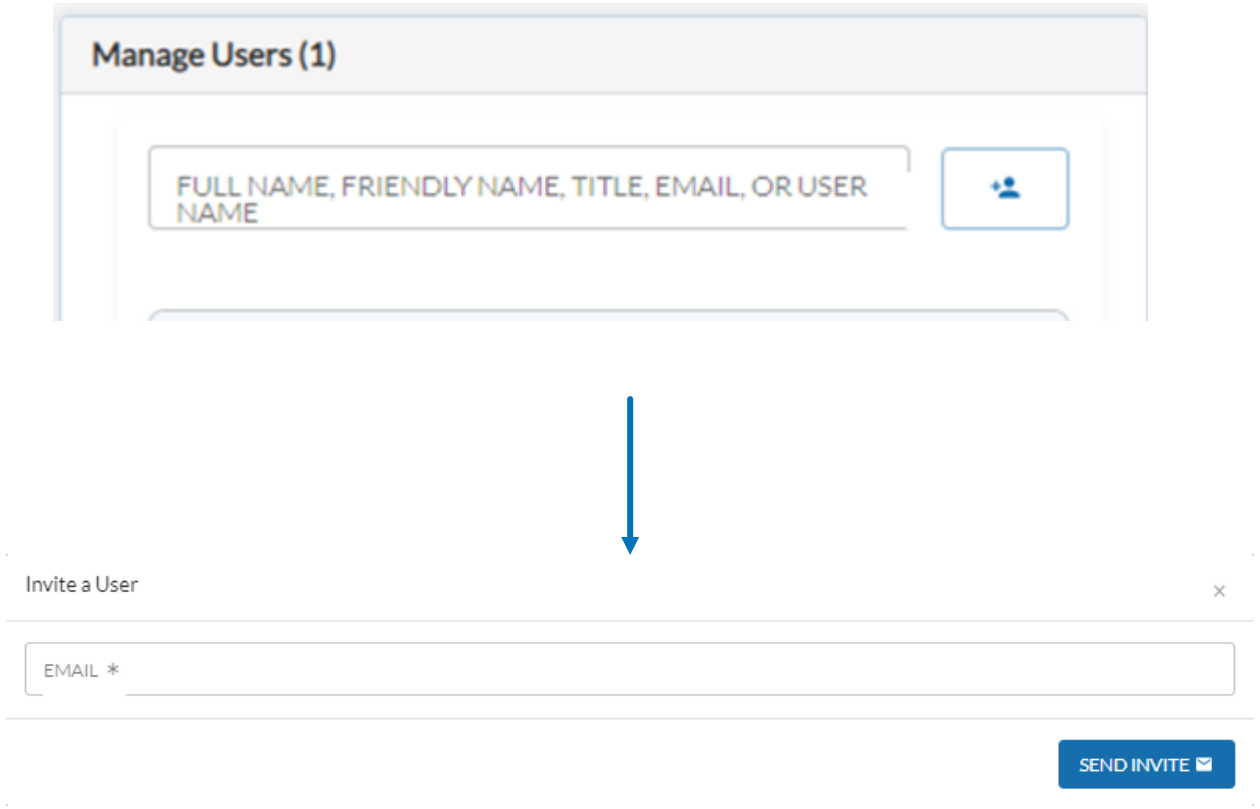
Developer Organization Page



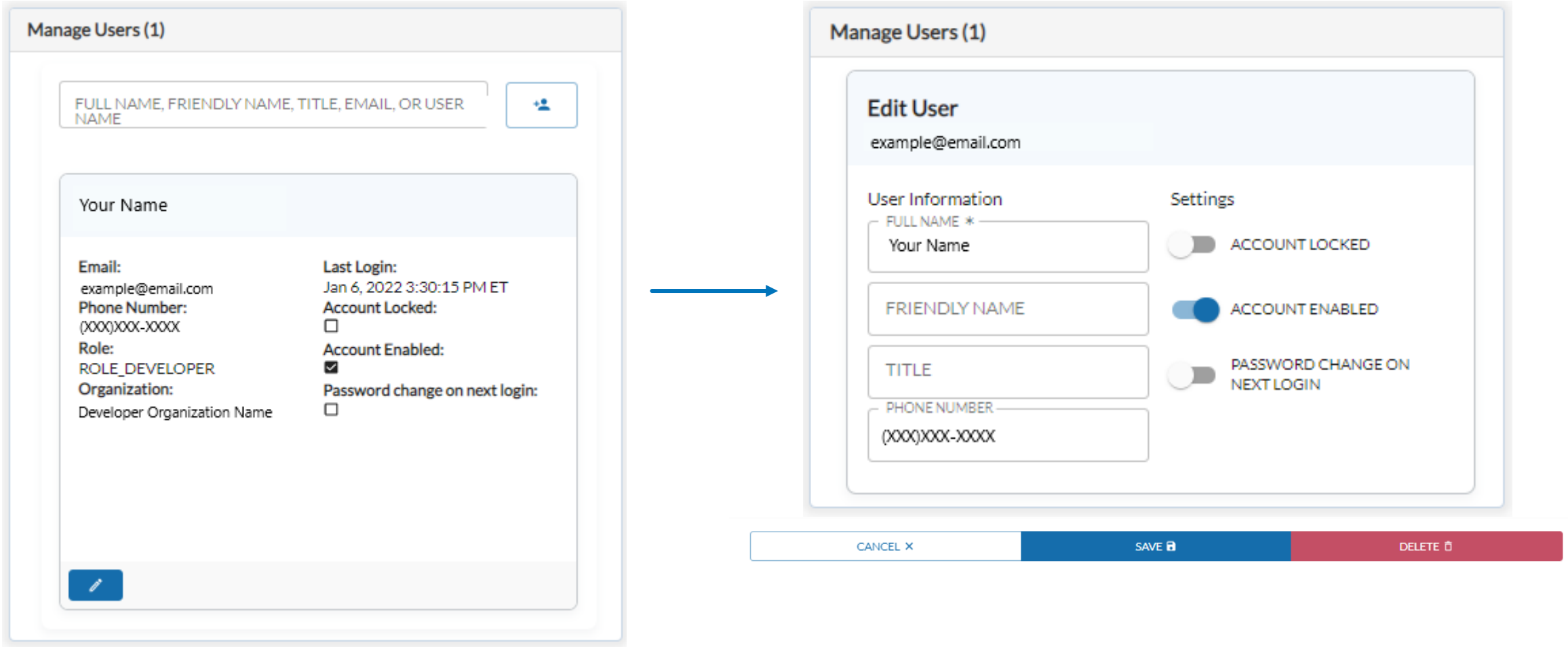
Editing your User Account on CHPL



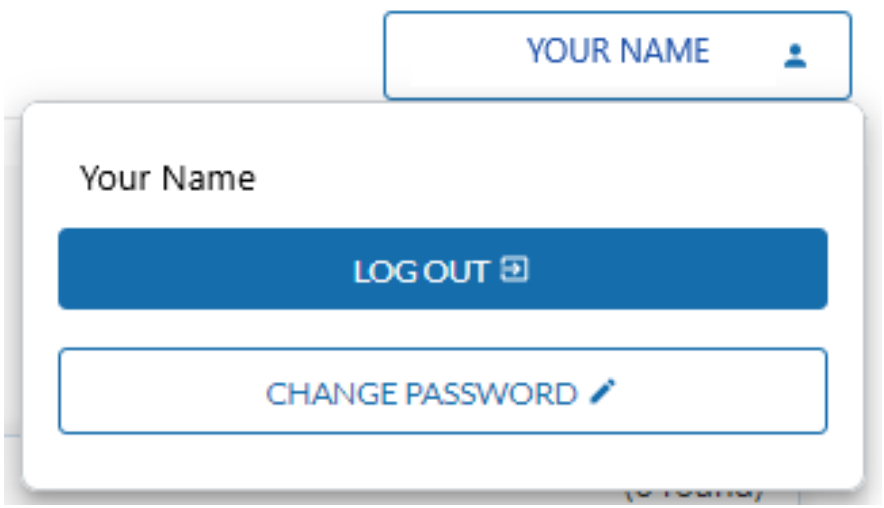
Inviting Additional Developer Users

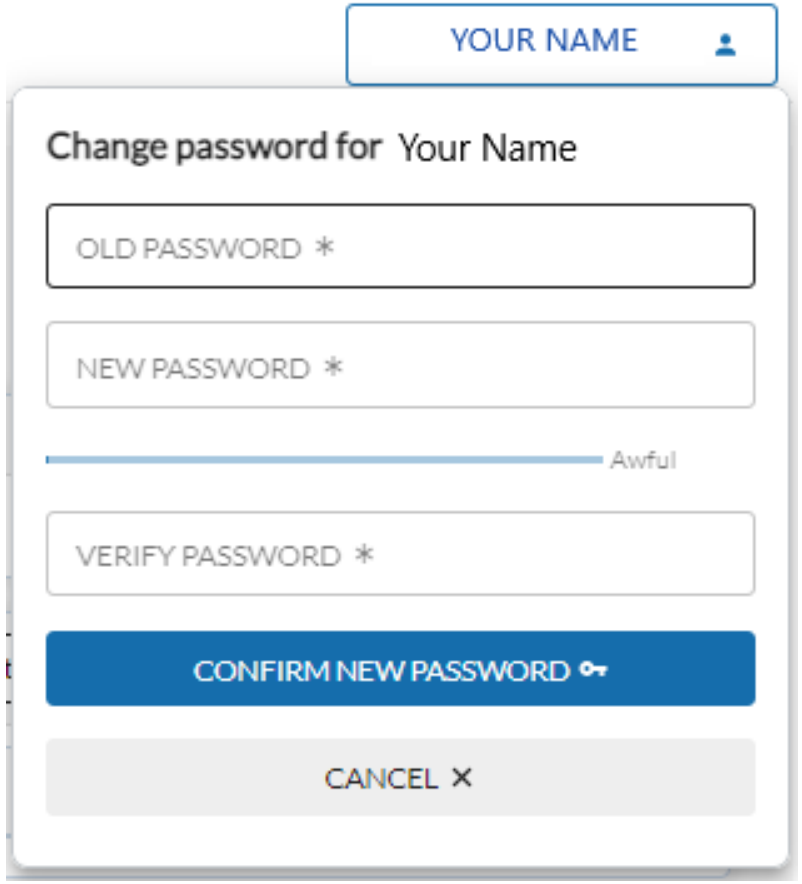


Disabling Developer Users

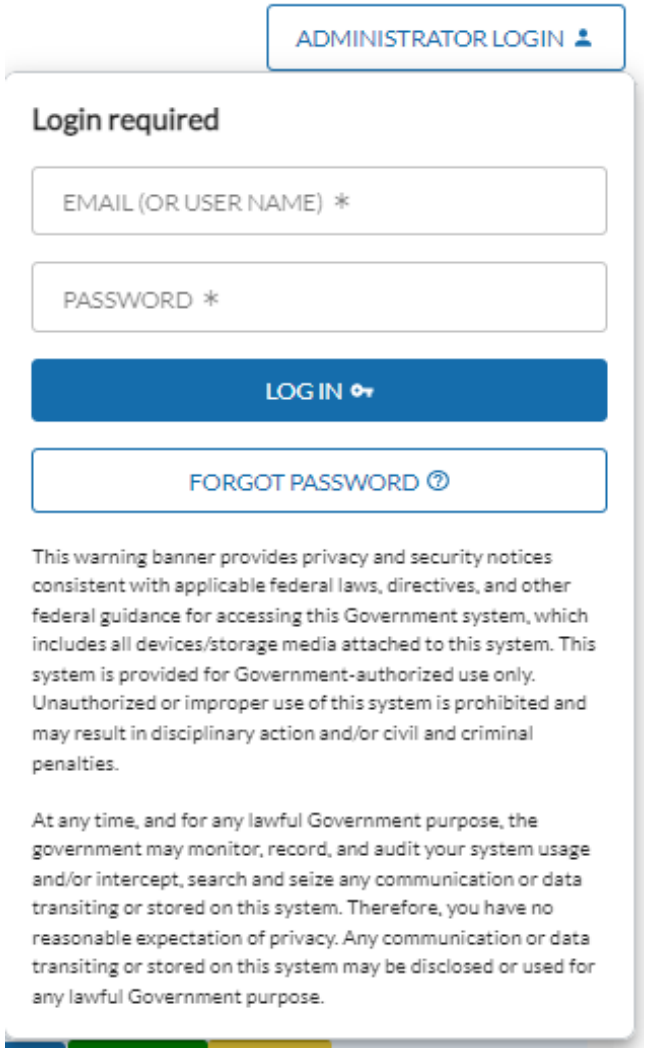


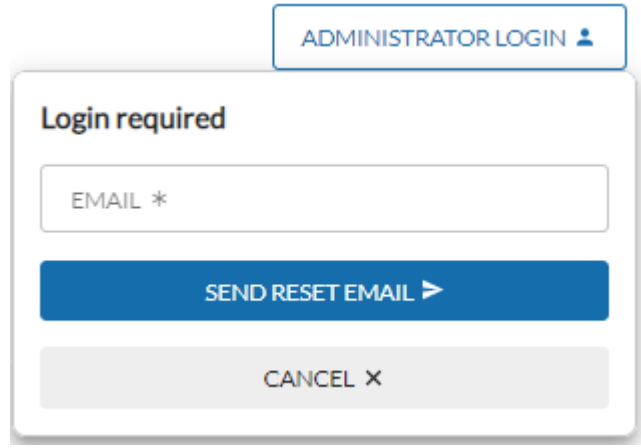
Password Management





Password Management – Forgot Password





CHPL Developer User Guide

Technical Assistance

Attestations Condition and Maintenance of Certification

Papia Paul, Public Health Analyst

Who Is Required to Submit Attestations?

CONDITION OF CERTIFICATION

- A Certified Health IT Developer **must** provide an attestation, as applicable, to compliance with the Conditions and Maintenance of Certification.

MAINTENANCE OF CERTIFICATION

- Certified Health IT Developers **must** submit their attestations every six months
- Attestation window open for 30 days

First Attestation Window:

April 1-30, 2022

Attestation Period:

June 30, 2020 – March 31, 2022

Attestations CCG: https://www.healthit.gov/condition-ccg/attestations

What Are Attestations?

Attestations are an indication of **compliance**, **noncompliance**, or **inapplicability** as they apply to Certified Health IT Developers for the following Conditions and Maintenance of Certification requirements:

1. Information Blocking Condition of Certification requirement described in 45 CFR 170.401
2. Assurances Condition and Maintenance of Certification requirements described in 45 CFR 170.402
3. Communications Condition and Maintenance of Certification requirements described in 45 CFR 170.403
4. Application Programming Interfaces (APIs) Condition and Maintenance of Certification requirements described in 45 CFR 170.404
5. Real World Testing Condition and Maintenance of Certification requirements described in 45 CFR 170.405

Submitting Attestations

Certified Health IT Product List (CHPL) Access

- Certified Health IT Developers submit their attestations to ONC-Authorized Certification Bodies (ONC-ACBs) for review using the Certified Health IT Product List (CHPL).
- ONC-ACB reviews attestations submissions for completeness and subsequent submission to ONC for public availability.

Authorized Submitters

- Attestations must be approved and submitted by an officer, employee, or other representative the Certified Health IT Developer has authorized to make binding attestations on its behalf.
  - The registered CHPL user submitting the attestation on behalf of the health IT developer should be authorized to do so.
  - The authorized submitter will need their own CHPL account to complete and submit the attestations.

Attestations Submission Language

Instructions

Attestation Period: [Dates of Attestation Period]

As a health IT developer of certified health IT that had an active certification under the ONC Health IT Certification Program at any time during the Attestation Period, please indicate your compliance, noncompliance, or the inapplicability of each Condition and Maintenance of Certification requirement for the portion of the Attestation Period you had an active certification.

Select only one response for each statement.

Companion Resource

Attestations Certification Companion Guide

Attestation Statements (PREVIEW)

ONC Health IT Certification Program
The Office of the National Coordinator for Health Information Technology

Statements

1) Information Blocking

We attest to compliance with the Information Blocking Condition of Certification requirement described in 45 CFR 170.401.

- Compliant
- Noncompliant

Companion Resources

Information Blocking Certification Companion Guide

Information Blocking Fact Sheet

Attestation Statements (PREVIEW)

Statements (cont.)

2) Assurances

We attest to compliance with the Assurances Condition and Maintenance of Certification requirements described in 45 CFR 170.402.

- Compliant with the requirements of 45 CFR 170.402; certifies to the criterion at 45 CFR 170.315(b)(10) and provides all of its customers of certified health IT with health IT certified to the certification criterion in 45 CFR 170.315(b)(10).
- Compliant with the requirements of 45 CFR 170.402; does not certify to the criterion at 45 CFR 170.315(b)(10) or does not provide all of its customers of certified health IT with health IT certified to the certification criterion in 45 CFR 170.315(b)(10).
- Noncompliant

Companion Resource

Assurances Certification Companion Guide

Attestation Statements (PREVIEW)

Statements (cont.)

3) Communications

We attest to compliance with the Communications Condition and Maintenance of Certification requirements described in 45 CFR 170.403.

- Compliant
- Noncompliant

Companion Resource

Communications Certification Companion Guide

Attestation Statements (PREVIEW)

Statements (cont.)

4) Application Programming Interfaces (APIs)

We attest to compliance with the APIs Condition and Maintenance of Certification requirements described in 45 CFR 170.404.

- Compliant
- Noncompliant
- Not Applicable

Companion Resources

API Certification Companion Guide

API Resource Guide

Attestation Statements (PREVIEW)

Statements (cont.)

5) Real World Testing

We attest to compliance with the Real World Testing Condition and Maintenance of Certification requirements described in 45 CFR 170.405.

- Compliant
- Noncompliant
- Not Applicable

Companion Resources

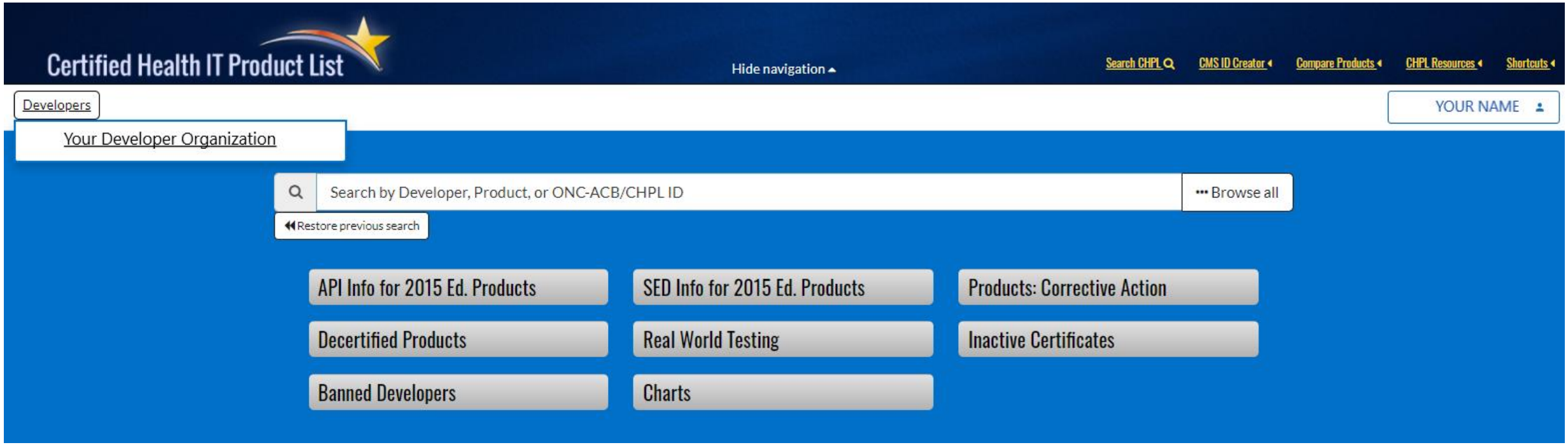
Real World Testing Certification Companion Guide

Real World Testing Fact Sheet

Attestations Submission

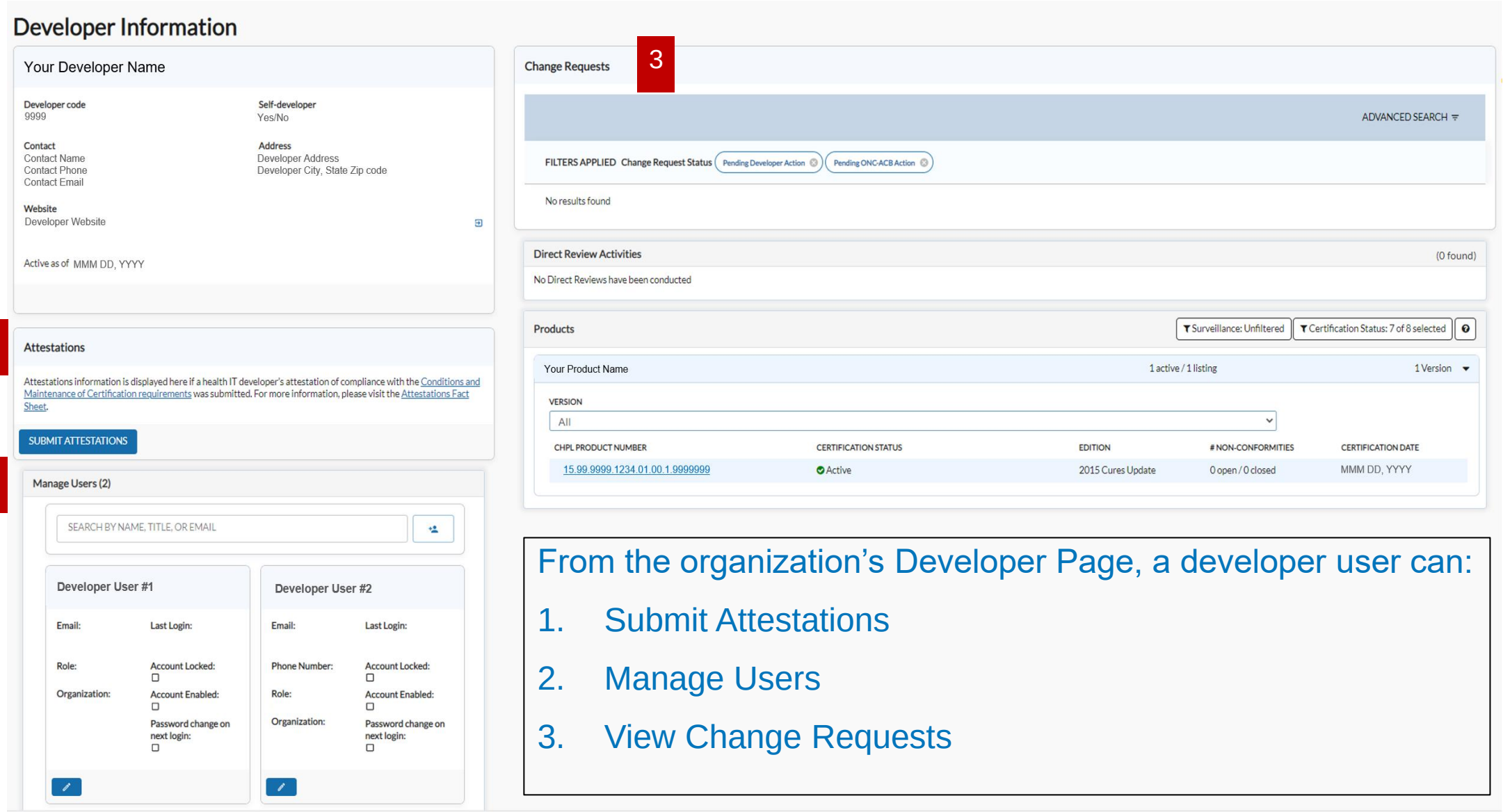
CHPL Workflow as of April 1, 2022

Attestations Submission – Navigating to the Developer Information



1. Log in to the Certified Health IT Product List (CHPL).
2. Use the **"Developers"** menu to select the developer organization.

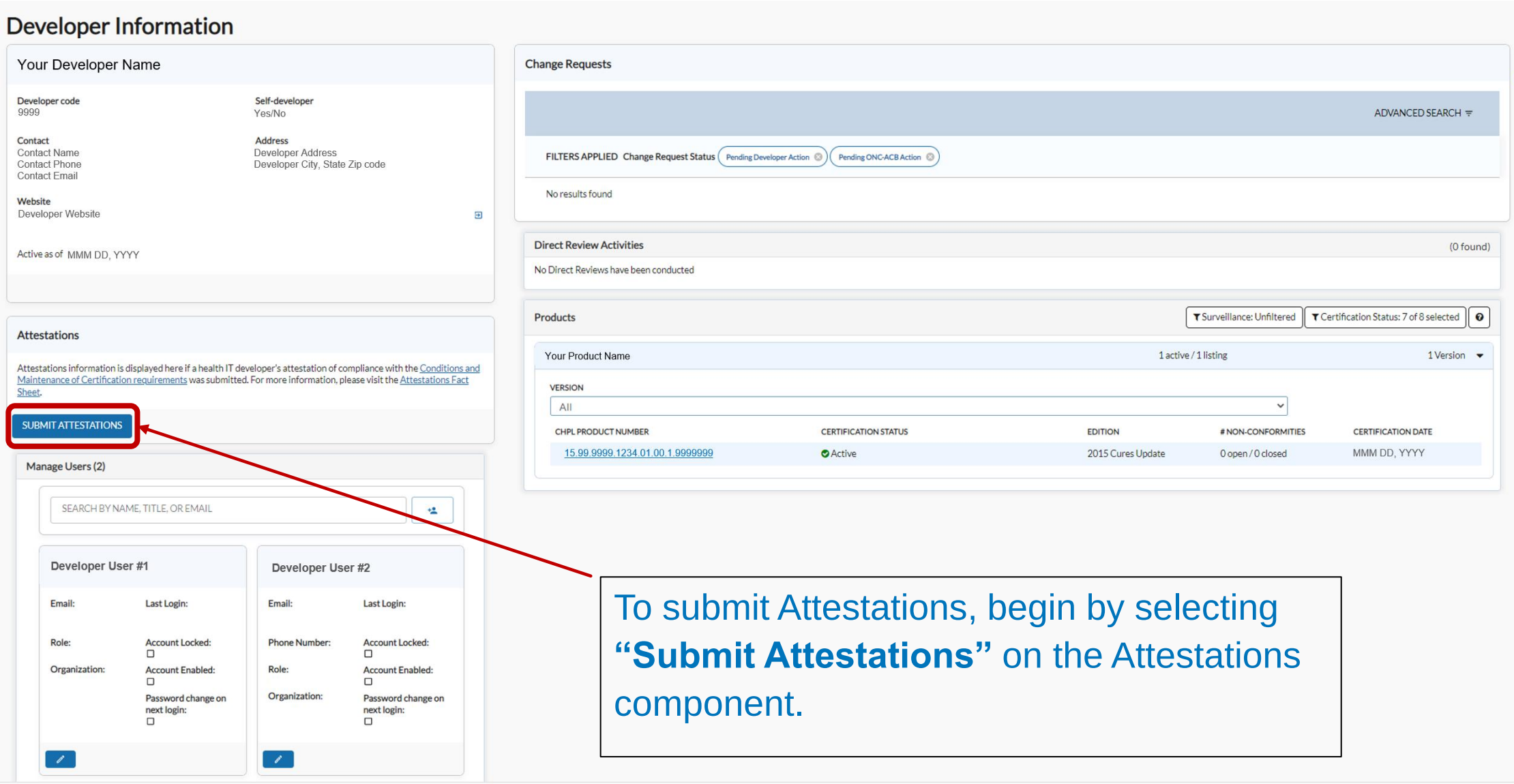
Attestations Submission – Developer Information Overview



From the organization's Developer Page, a developer user can:

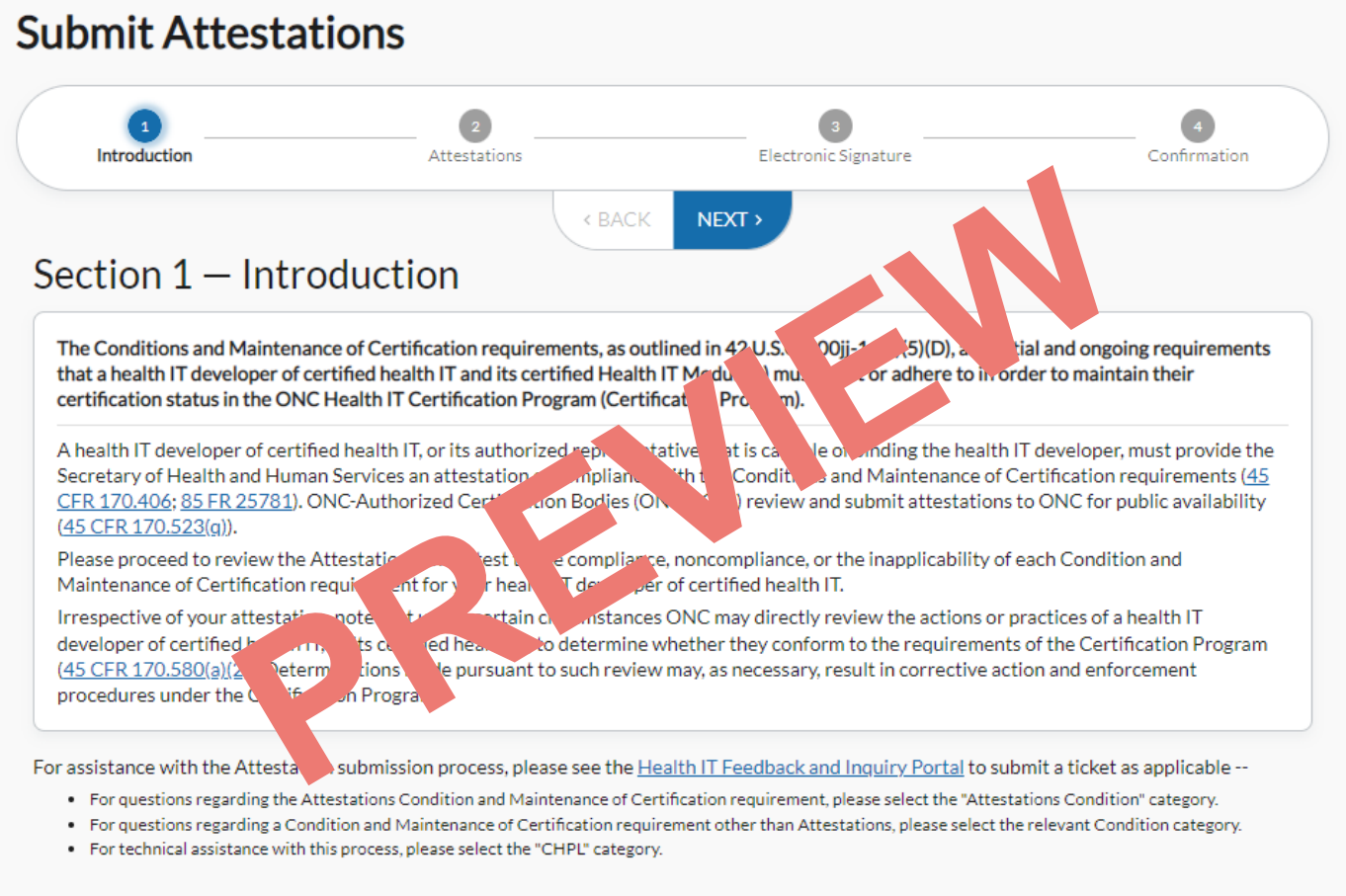
1. Submit Attestations
2. Manage Users
3. View Change Requests

Submitting Attestations (1/5)



To submit Attestations, begin by selecting **"Submit Attestations"** on the Attestations component.

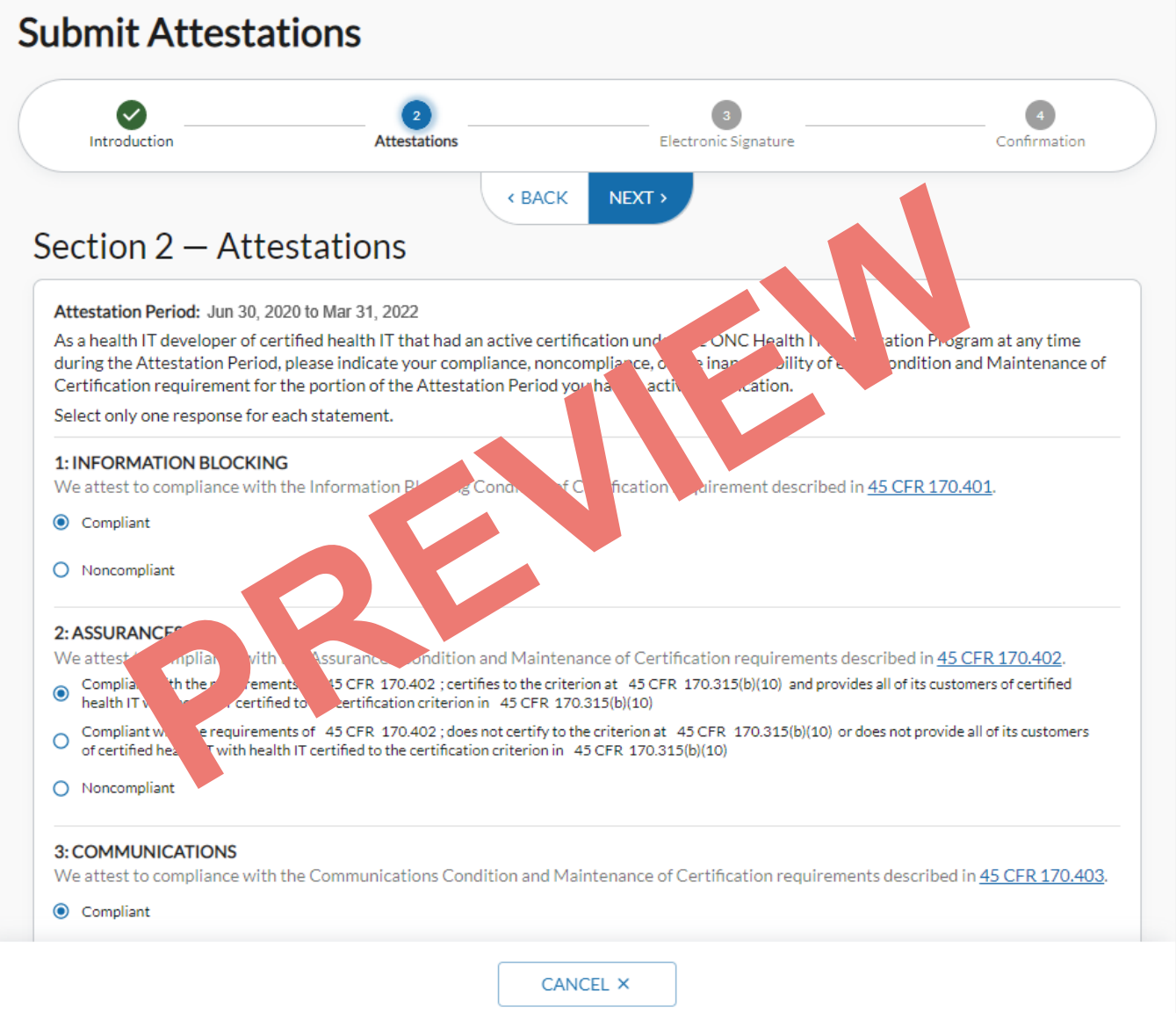
Submitting Attestations (2/5)



The Attestations submission is set up as a wizard with four steps:

1. Introduction
2. Attestations
3. Electronic Signature
4. Confirmation

Submitting Attestations (3/5)

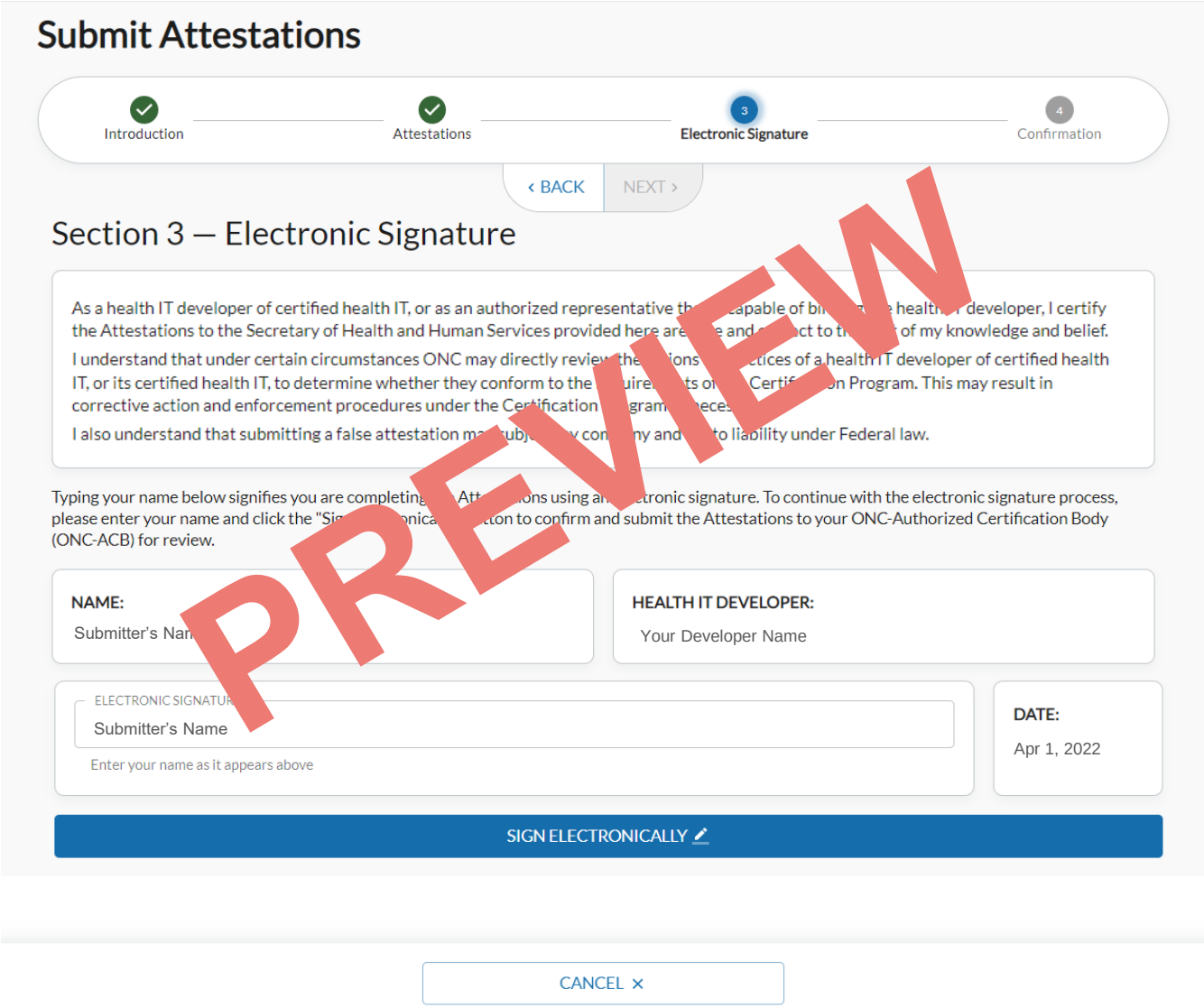


The Attestations section requires a response to each of the five Attestation statements.

The requirements for each statement can be referenced by clicking the link to the associated citation.

Once all attestations have been completed, the developer user can proceed to the next step.

Submitting Attestations (4/5)

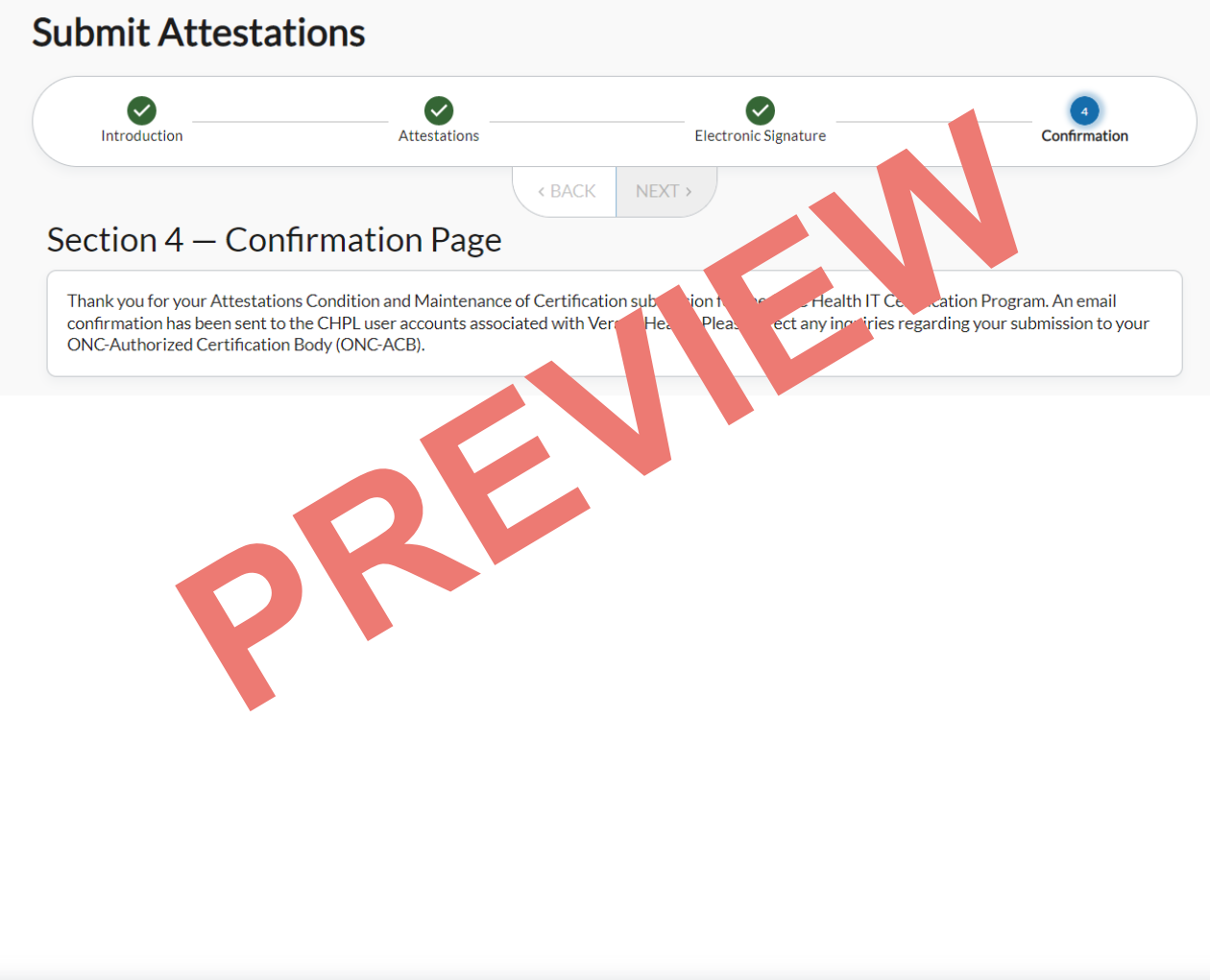


The Electronic Signature section confirms the person submitting the Attestations is an authorized submitter for the developer organization.

The “Sign Electronically” button will be activated once the name in the “Electronic Signature” box matches the submitter’s name as displayed above.

Click **“Sign Electronically”** to complete the process.

Submitting Attestations (5/5)



PREVIEW

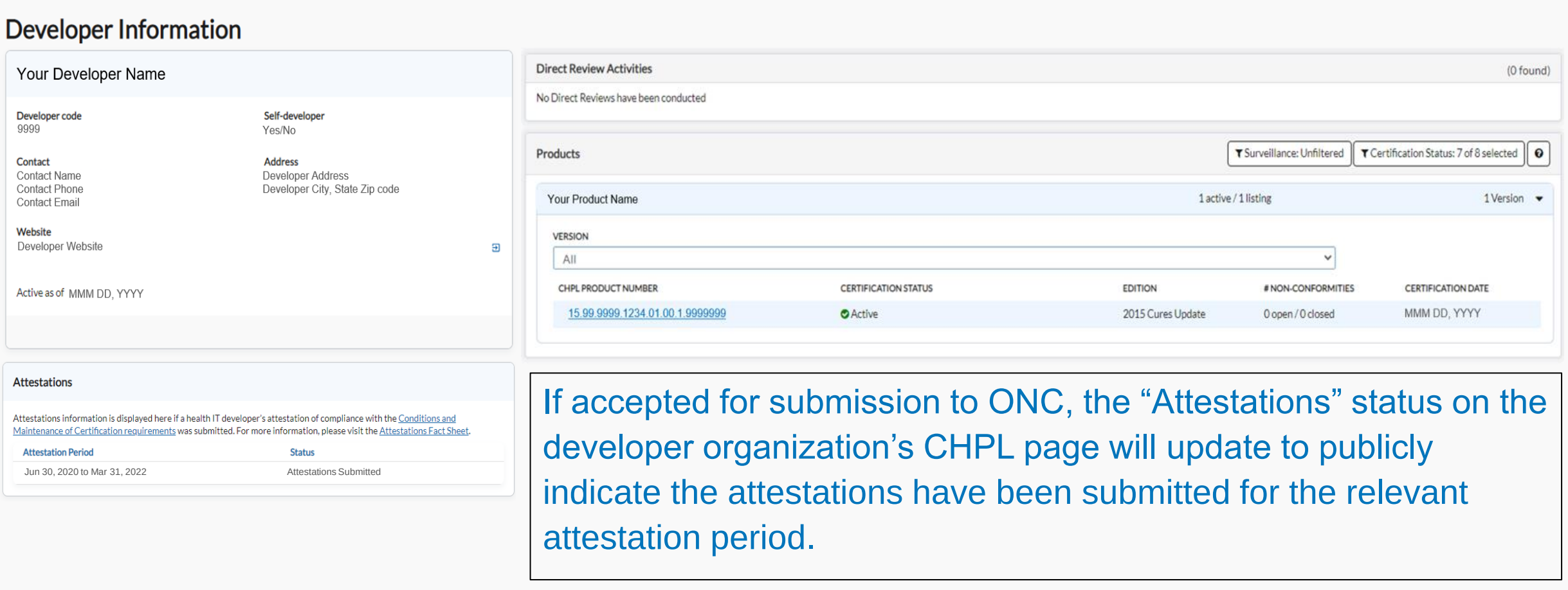
The Submit Attestations section confirms the Attestations have been submitted.

An email confirmation will also be sent to all registered CHPL users associated with the developer organization at the time of the submission.

Attestations are submitted to ONC-ACBs for completeness review and subsequent submission to ONC.

Certified Health IT Developers should direct any inquiries regarding their submitted attestations to their respective ONC-ACB.

Attestations Submission – Public View



If accepted for submission to ONC, the "Attestations" status on the developer organization's CHPL page will update to publicly indicate the attestations have been submitted for the relevant attestation period.

Attestations Resources

ONC Health IT Certification Program
The Office of the National Coordinator for Health Information Technology

- Attestations Condition and Maintenance of Certification Fact Sheet
  - Available prior to April 1, 2022
- CHPL Developer User Guide – Attestations Update
  - Available as of April 1, 2022
- Conditions and Maintenance of Certification
  - https://www.healthit.gov/topic/certification-ehrs/conditions-maintenance-certification
- Certified Health IT Product List (CHPL)
  - https://chpl.healthit.gov/#/resources/overview
- ONC 21st Century Cures Act Final Rule
  - https://www.healthit.gov/curesrule/
- ONC 21st Century Cures Act Final Rule Resources
  - https://www.healthit.gov/curesrule/resources/fact-sheets
- ONC Certification Program Resources
  - https://www.healthit.gov/topic/certification-ehrs/certification-resources
- 2015 Edition Cures Update Certification Criteria
  - https://www.healthit.gov/topic/certification-ehrs/2015-edition-cures-update-test-method

Attestations Resources (cont.)

ONC Health IT Certification Program
The Office of the National Coordinator for Health Information Technology

For assistance with the Attestations submission process, please see the Health IT Feedback and Inquiry Portal to submit a ticket under **"ONC Health IT Certification"** as applicable –

- For questions regarding the Attestations Condition and Maintenance of Certification requirement, please select the **"Attestations Condition"** category.
- For questions regarding a Condition and Maintenance of Certification requirement other than Attestations, please select the **relevant Condition** category.
- For technical assistance with this process, please select the **"CHPL"** category.

Note, Certified Health IT Developers that have open inquiries within the Portal are not exempt from meeting ONC deadlines for completing their submissions.

API Resource Guide and Clarifications

Keith Carlson, IT Specialist, Tools and Testing

Recent API Clarifications

Clarifications

- Access Token revocation
- PKCE clarification
- Capability URLs clarification

Inferno Framework Announcement / Demonstration

Johnny Bender, Public Health Analyst

ONC Health IT Certification Program
The Office of the National Coordinator for Health Information Technology

Inferno Framework Announcement / Demo

Inferno Framework

- Overview, features (Docs, web UI, JSON API)

ONC (g)(10) Standardized API Test Kit *(Release 2.0.0)*

- *Demo,* features, updates
- ONC has taken special care to ensure that the test scenarios are the same between versions
- Release 2.0.0 also includes two enhancements (PKCE and Bulk FHIR Capability URIs)
- Timeline:
  - Launched on 3/8/2022 (*see Health IT Buzz Blog*)
  - ONC recommends ATLs support Inferno Program Edition (Release 1.9.0) for at least one Inferno release cycle (~one month)
  - ONC will continue to host both Release 2.0.0 and Release 1.9.0 on inferno.healthit.gov for at least two Inferno release cycles (~two months)

INFERNO

A rigorous and extensible testing utility for HL7 FHIR and beyond

Test Kits

US Core Test Kit
- Test Suites

Packages/Libraries

Extensible utility
- Generic data generation
- Generic reference server

Test Kits

(g)(10) Test Kit
- Test Suites
- Reference Server
- Test Data Generator

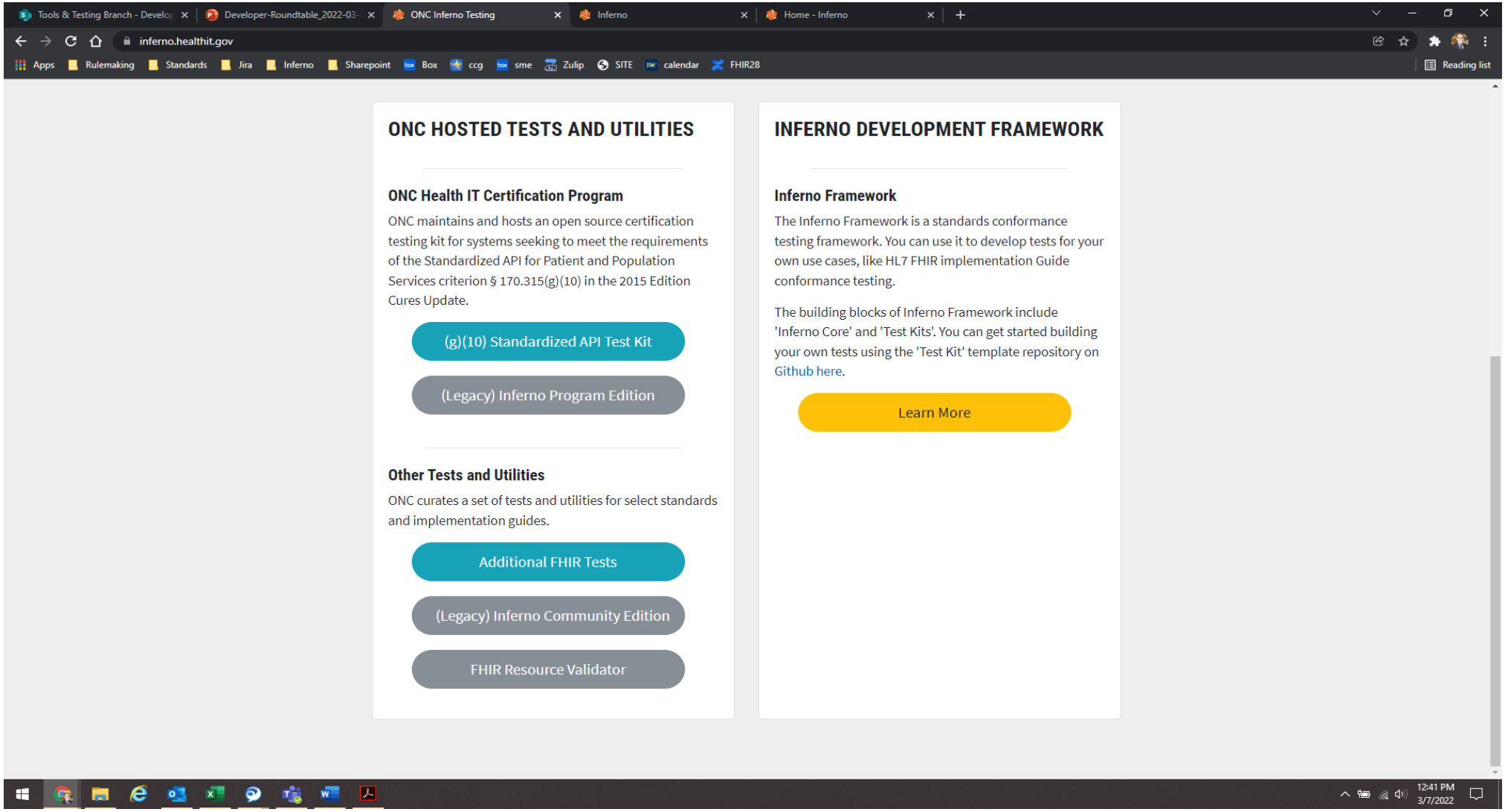
Packages/Libraries

Extensible utility
- Tool integration, etc.

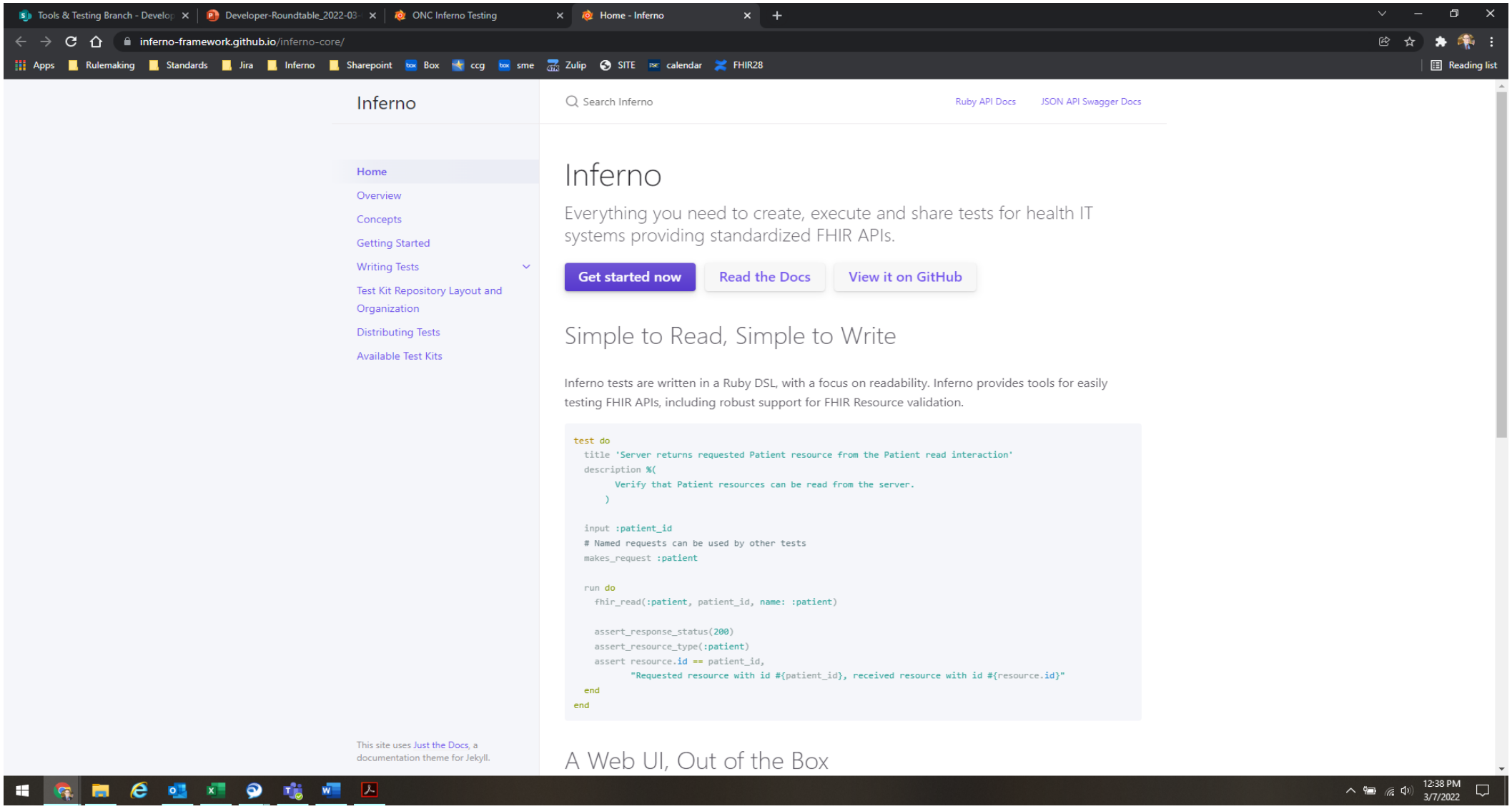
- Ruby Core Domain Specific Language Definitions
- Test Engine
- JSON API
- Web User Interface
- Command Line User Interface

**Work in progress; concepts may change*

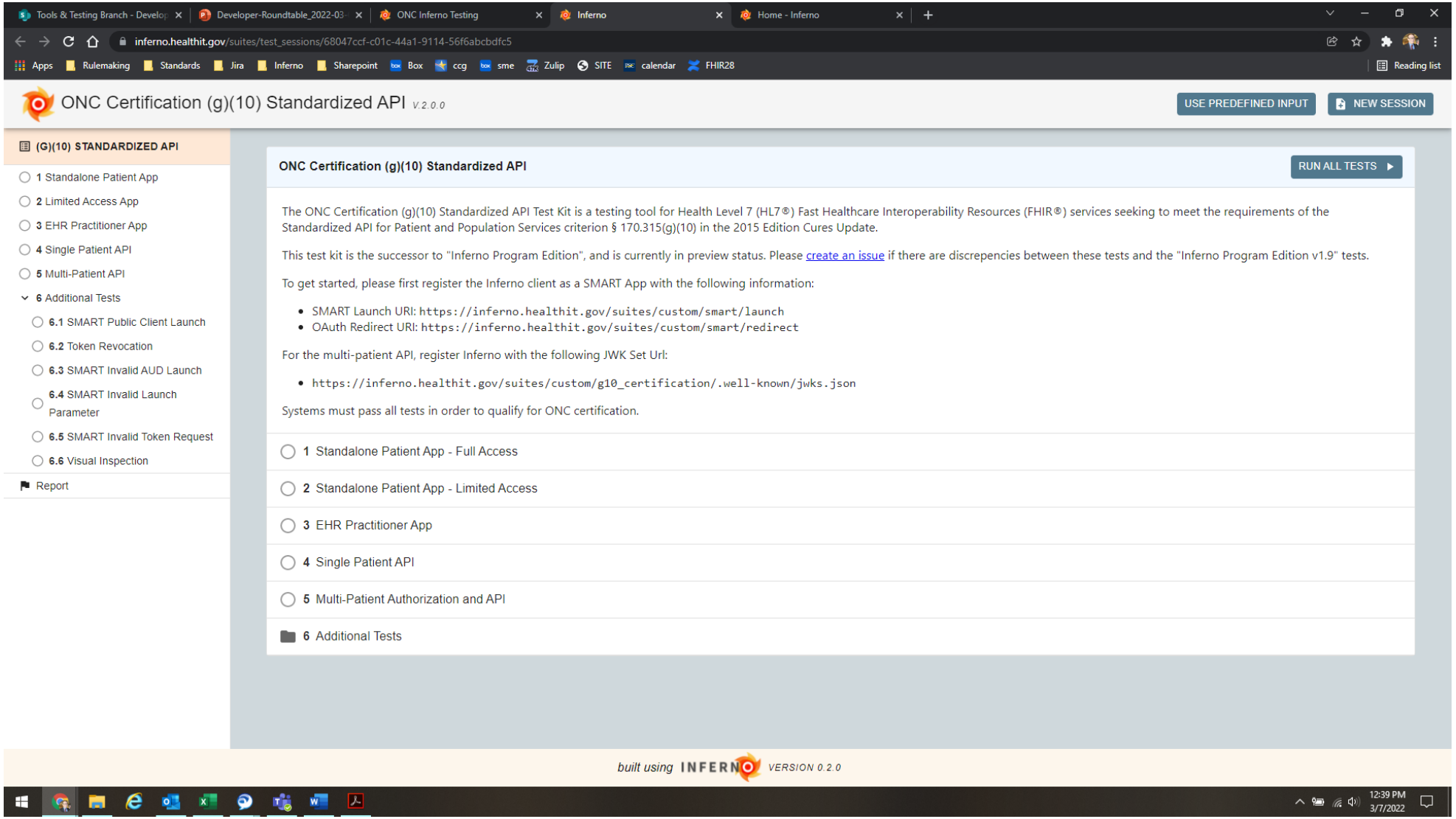
Updated Inferno Homepage



Inferno Framework Documentation



ONC (g)(10) Standardized API Test Kit



US Core 4.0.0 Beta Testing

Scott Bohon, Public Health Analyst, Tools and Testing

ONC (g)(10) Standardized API Test Kit
US Core 4.0.0 beta testing

Inferno will support US Core 4.0.0 beta testing

Announcement and details in the ONC Health IT Buzz Blog post

Timeline: begins at the end of March / early April

Expectations for beta testers:

- (minimum) Walk through US Core 4.0.0 beta Inferno tests using the Inferno reference server
- (minimum) Provide feedback on US Core 4.0.0 beta Inferno tests
- (optional encouraged) Use the US Core 4.0.0 beta test suite in Inferno to test their implementations of US Core 4.0.0
- (optional encouraged) We understand that the level of involvement will vary for each beta tester. We are open to establishing regular touchpoints (bi-weekly, monthly, one-time, etc.) once the US Core 4.0.0 beta testing begins.

Interested? Email: ONC.Certification@hhs.gov

Inferno Health IT Developer Office Hours

Inferno Health IT Developer Office Hours

ONC will be hosting Inferno office hours for Health IT developers

Goal is to provide information and answer questions about Inferno

Agenda includes:

- Overview of the new Inferno framework
- Walkthrough of the new ONC certification test kit for the (g)(10) Standardized API criterion

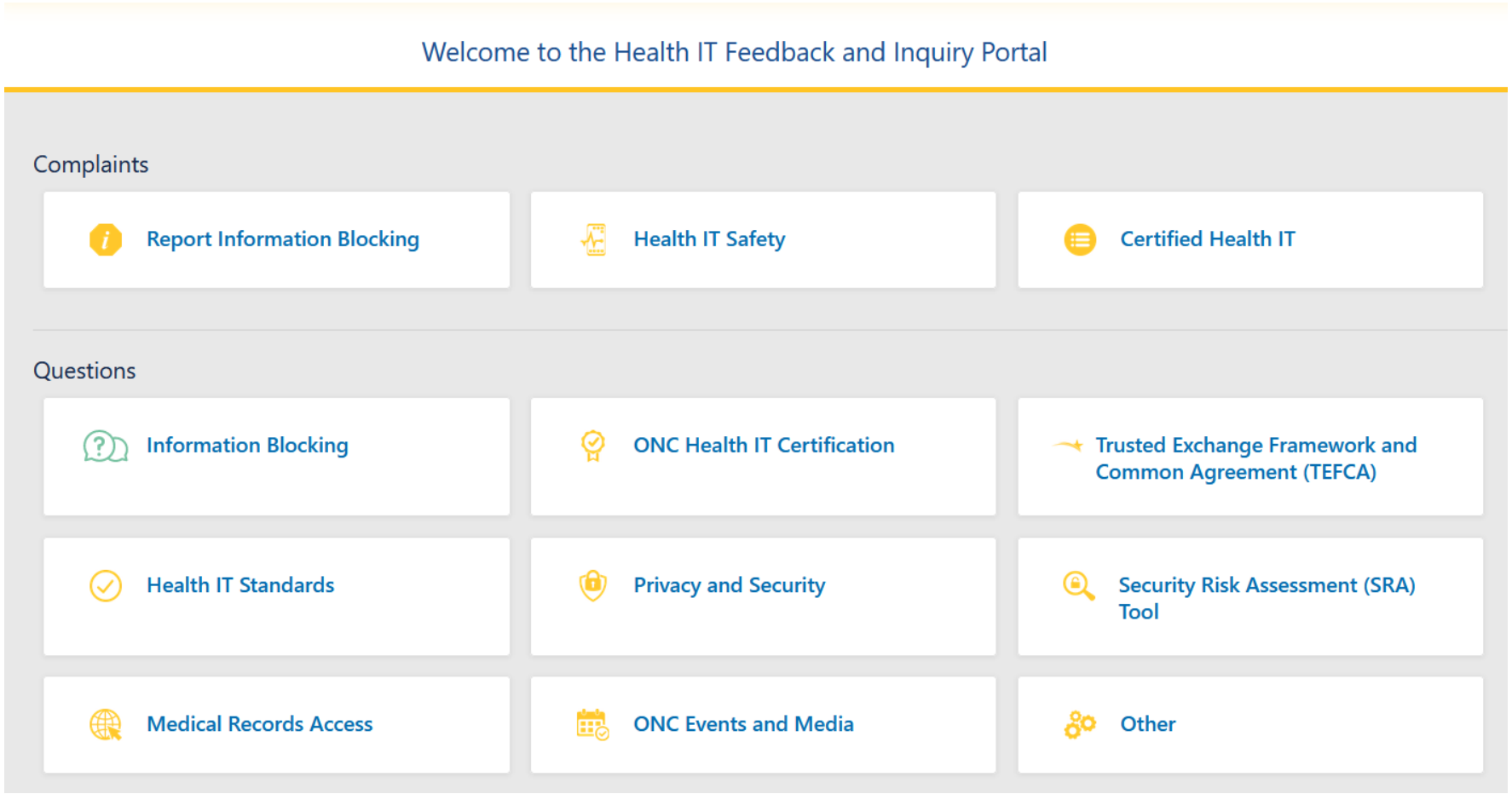
Schedule:

- Four Fridays 2:00 – 3:00 pm ET in March and April
  - 3/18, 3/25, 4/1, 4/8

Discussion

*Please use the Raise Hand function

Please share your health IT-related feedback or concerns that you wish to bring to ONC's attention



https://inquiry.healthit.gov