Inferno Tech Talk – January 2025

Yunwei Wang

MITRE Inferno Team

January 8, 2025

MITRE | SOLVING PROBLEMS FOR A SAFER WORLD™

Inferno Tech Talk Introduction

- Purpose: to provide regularly scheduled updates on the Inferno tool and its implementation of the (g)(10) test procedure

- Typical agenda to include:

  - Announcements about upcoming releases

  - Training on new features

  - Highlight outstanding issues or known problems

  - Open discussion

- Monthly recurrence: 2nd Wednesday at 1PM ET

- This call is being recorded and will be posted on https://inferno.healthit.gov/events/

Content reflects Inferno's implementation of applicable Test Procedure and does not necessarily reflect ASTP/ONC policy.

MITRE

Today's Agenda

- (g)(10) Standardized API Test Kit v7.0.3
- Other Test Kits Update
  - SMART Health Cards Test Kit v0.9.0
  - UDAP Security Test Kit v0.10.1
- HL7 FHIR Connectathon & Work Group Meeting
- Discussions / Questions

MITRE

ONC (g)(10) Standardized API Test Kit v7.0.3

- Test Update:

    - Changes that may result in new failure: 0

    - Changes that will not affect score of passing implementations: 1

MITRE

(g)(10) Updates: Prevent passing US Core v7 and SMART v1

- (g)(10) Test Procedure specifies that:
  - US Core 7.0.0 must be tested with SMART App Launch 2.0.0 or above.

SMART Health Cards Test Kit v0.9.0

- New Test Kit for SMART Health Cards Framework v1.4.0

MITRE

UDAP Security Test Kit v0.10.2

- Add "scope" and "aud" parameters as optional inputs for authorization code redirect test

- Allow testers to specify new or updated client registration attempt

MITRE

HL7 FHIR Connectathon & Work Group Meeting

- Connectathon 38, January 14-16
  - Inferno participation:
    - CARIN for Blue Button
    - Da Vinci Burden Reduction
    - Da Vinci PDex
    - FAST Infrastructure Security & Identity
- Work Group Meeting (virtual), January 27-31
  - Inferno participation:
    - FHIR-I
    - US Realm Steering Committee
    - Cross-Group Project

MITRE

Open Discussion / Feedback

MITRE

Resources and Contact Information

- https://inferno.healthit.gov/

  - General materials & live demonstration server

- https://inferno-framework.github.io

  - Create your own Inferno Test Kits!

- https://github.com/onc-healthit/onc-certification-g10-test-kit/

  - ONC Certification tests repository, downloads, issues

  - "Watch" repository to receive alerts (new releases, etc)

  - Note: this repository is specific to ONC Certification testing

- inferno@groups.mitre.org (or rscanlon@mitre.org)

- FHIR Zulip Chat: https://chat.fhir.org/#narrow/stream/179309-inferno

MITRE

Upcoming Meetings

- Next Inferno Tech Talk: Wednesday February 12 at 1 PM ET

- Please reach out with questions & issues

MITRE