# Inferno Tech Talk – Feb 2024

**Yunwei Wang**

**MITRE Inferno Team**

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# 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 online

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

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# Today's Agenda

- (g)(10) Standardized API Test Kit v5.1.0

- Additional Test Kits Updates

- Redesign of inferno.healthit.gov and inferno-framework.github.io

- Discussions / Questions

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# ONC (g)(10) Standardized API Test Kit v5.1.0

- Test Update:
  - Changes that may result in new failure: 2

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# (g)(10): Practitioner Search Tests

- Certification Companion Guide: Standardized API for patient and population services

  - Applies to base regulatory standard US Core 3.1.1 and SVAP approved standard US Core 4.0.0:

    - For "Encounter", "Organization", and "Practitioner", US Core IG profiles, only the "read" type interaction must be supported and will be included in testing and certification.

  - Applies to SVAP approved standards US Core 5.0.1 and USCDI v2, and US Core 6.1.0 and USCDI v3:

    - For the "Organization" US Core IG profile, only the "read" type interaction must be supported and will be included in testing and certification.

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# (g)(10): Practitioner Search Test

(g)(10): US Core 4.0.0

○ **5.31.01** Server returns correct Practitioner resource from Practitioner read interaction

○ **5.31.02** Practitioner resources returned during previous tests conform to the US Core Practitioner Profile

○ **5.31.03** All must support elements are provided in the Practitioner resources returned

(g)(10): US Core 6.1.0

○ **10.41.01** Server returns correct Practitioner resource from Practitioner read interaction

○ **10.41.04** Server returns valid results for Practitioner search by name

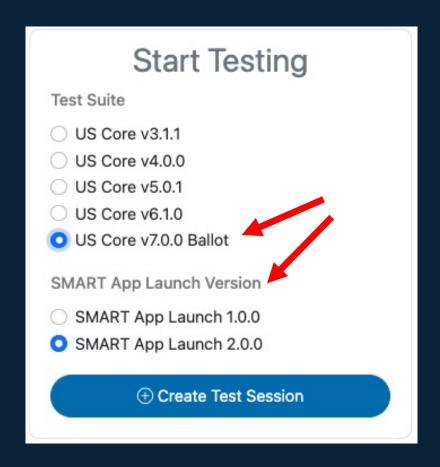○ **10.41.05** Server returns valid results for Practitioner search by identifier

○ **10.41.02** Practitioner resources returned during previous tests conform to the US Core Practitioner Profile
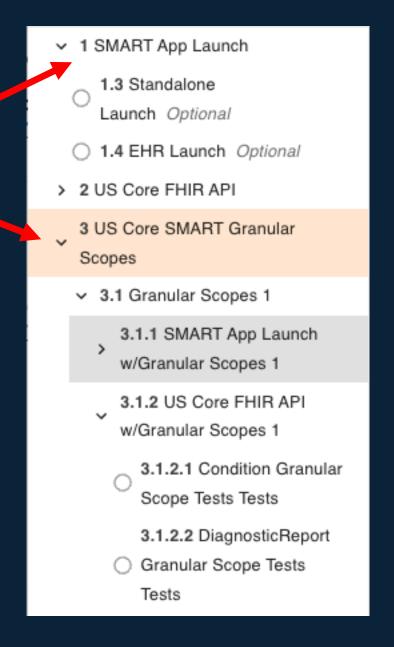
○ **10.41.03** All must support elements are provided in the Practitioner resources returned

# (g)(10): Update Inferno Validation Service

- Update HL7 FHIR Core dependency to v6.2.8

- Improve error message filter
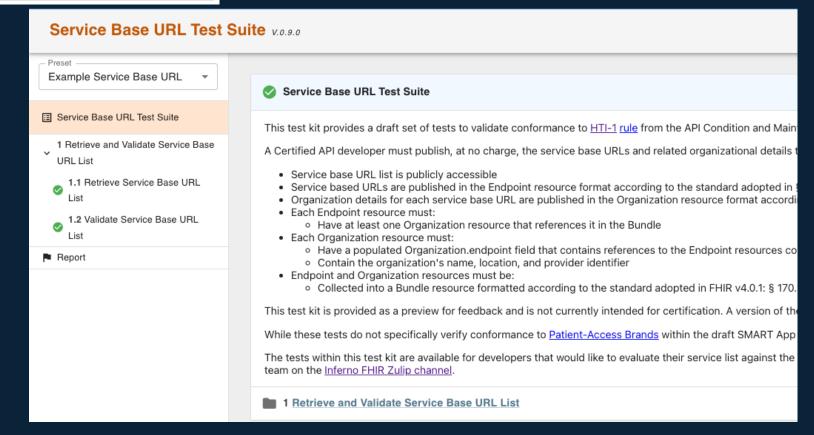
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# US Core Test Kit

# Service Base URL Test Kit

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# Open Discussion / Feedback

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# Resources and Contact Information

- [https://inferno.healthit.gov/](https://inferno.healthit.gov/)

  - General materials & live demonstration server

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

- [https://groups.google.com/forum/#!forum/inferno-testing](https://groups.google.com/forum/#!forum/inferno-testing)

  - Announcements & community discussion

- [inferno@groups.mitre.org](mailto:inferno@groups.mitre.org) (or [rscanlon@mitre.org](mailto:rscanlon@mitre.org))

- Also, FHIR Zulip Chat: [https://chat.fhir.org/#narrow/stream/179309-inferno](https://chat.fhir.org/#narrow/stream/179309-inferno)

# Upcoming Meetings

- Next Inferno Tech Talk: Wednesday March 13 at 1 PM ET

- Please reach out with questions & issues

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