Open Data Platform and Information Transparency Initiative (ITI) Update:
At-Large Technology Task Force
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Sally Newell Cohen
Senior Vice President, Global Communications

Open Data Platform

Update to ALAC Technology Taskforce

Open Data Platform Goals

- Increase transparency, improve accessibility & availability of data.

- Strengthen procedures, processes, and standards for improved data usability.

- Enhance ability to understand and utilize the data.

- The data on the platform is:
  - Accessible and usable
  - Comparable and interoperable
  - Available to leverage for improved governance and engagement

Dataset Availability and Usage

What's Currently Available?

◉ 40 datasets

    ○ Domain Name Marketplace Indicators = 26

    ○ Identifier Technology Health Indicators = 1

    ○ Per-Registrar Transaction Reports = 12

    ○ Registry Functions Activity Reports = 1

Usage from (March - December 2020)

    ○ 834 unique registered users

   ○ over 32,000 API calls

Open Data Platform Updates Since March 2020 Launch

May 2020: Update to Domain Name Marketplace Indicators

- ◉ Seven new indicators were made available:

Current Effort: Registry Functions Activity Reports Improvement

- ◉ Some files were not in the standard structure to align with the platform.

- ◉ Bug fix required to standardize the files.

- ◉ Expected release December 2020.
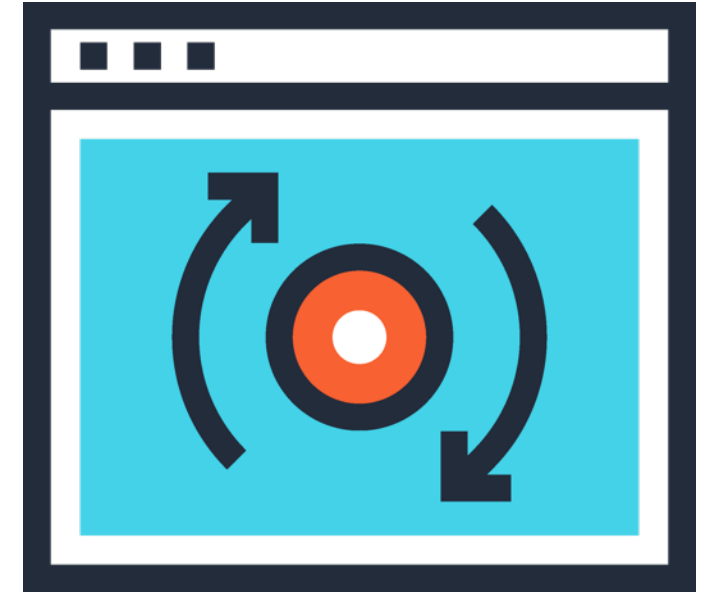
Next Steps

- Complete work on Registry Functions Activity Reports bug fix.

- Complete planning and prioritizing work on next datasets to be made available on platform
  - Work with OCTO on next ITHI datasets

Information Transparency Initiative (ITI)

Update to ALAC Technology Taskforce

ICANN

What Problem Was ITI Created to Solve?

- ◉ No integrated system to create, govern, store, and manage ICANN's content.
- ◉ ICANN creates thousands of pieces of information, grows at 25-30% per year.
- ◉ No document management system (DMS) or content governance.
- ◉ Difficult for stakeholders to search and find important content.
- ◉ Public content is unstructured and spread across 38 public sites.
- ◉ Foundational technologies are unconnected, not scalable, vulnerable.

Information Transparency Initiative Goals

#1   Create an **ongoing operational process** to govern, preserve, organize, and secure ICANN's public content.

#2   Build a **foundation of content governance** through **multilingual tagging, a functional information architecture,** and **enforced workflows**.

#3   Implement a **new document management system** for the entire ICANN ecosystem.

#4   Deploy **multilingual taxonomy** for **greater content findability** and **multifaceted search**.

#5   Surface this improved multilingual content and search through **a new Content Management System that will serve as the backbone for ICANN's external web properties**.

#6   Establish a **future-proof** and **content-agnostic technology** landscape.

#7   Upgrade our technical infrastructure, and thereby serve our global community better through **increased findability and accessibility of multilingual content.**

From the September 2017 Board Resolution (Rationale for Resolutions 2017.09.23.10 – 2017.09.23.11) and 2017 White Paper.

ITI Technical Progress

- **Technical infrastructure built:**
    - Document Management System (DMS) and Content Management System (CMS), and integration between the two platforms.
    - Translation pipeline with DMS, Language Services Ticketing System, and CMS.
    - Public Comment and Content Subscription architecture.
    - Content Delivery Network (CDN) 90% complete.
    - Authoring interface rebuilt, and global and content-specific authoring development in progress.
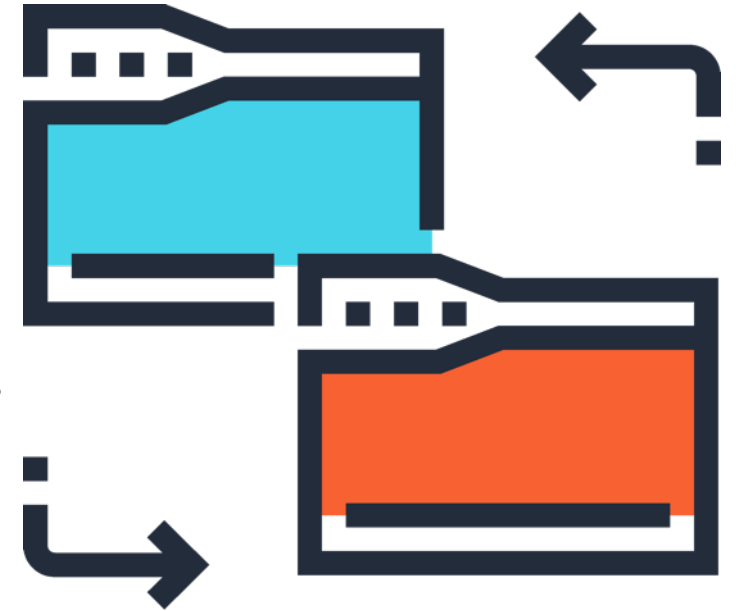
ITI Content Progress

- Primary audit completed of over 24,000 files and pages completed, two catchup audits.
- Initial taxonomy completed, with ongoing refinements.
- Implementation of 90% Public Comment feature and 60% Content Subscriptions.
- Requirements gathered and frontend (CMS) developed for 95% of content types.
- ITI webpage templates and 138-page Web User Experience Style Guide completed that will be repurposed for other ICANN external properties.
- Staff authoring (in the DMS).

Content Available on preview.icann.org for Feedback

- Announcements, Blogs, Registry Agreements, Board Materials, Public Comment, Reviews, Acronyms and Terms, Correspondence, and Accredited Registrars.

- ~93% of content available on preview.icann.org.

- Two webinars held on 1 December to demonstrate latest releases on preview.icann.org.

- Community feedback is invaluable to our successful implementation. Keep it coming!
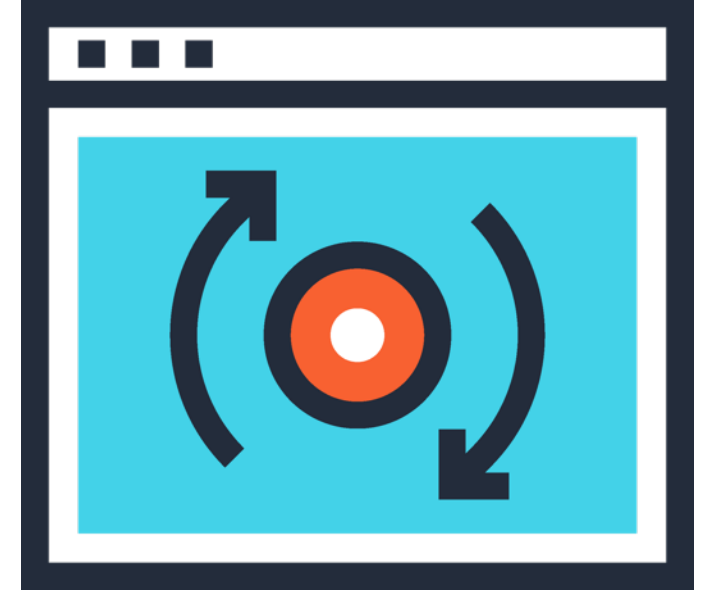
Next Steps

- ⊙ Upcoming feedback on Content Subscriptions.

- ⊙ ~87% of new content available via current icann.org in March 2021.

Open Data and ITI – How are These Programs Related?

- While Open Data is a distinct service, Open Data and the new icann.org (ITI) will link to each others' content for a seamless user experience.
  - For example, Registry Report information will be available on icann.org while the raw data is available on Open Data.

- Housing Open Data and ITI under one owner (Global Communications) ensures that there is improved content fluidity between the platform to enhance findability and increase user awareness of the breadth of content available.

Engage with ICANN – Thank You and Questions

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