

IANA Naming Functions Review (IFR)

Public Consultation

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IFR Co-Chair

29 September 2020



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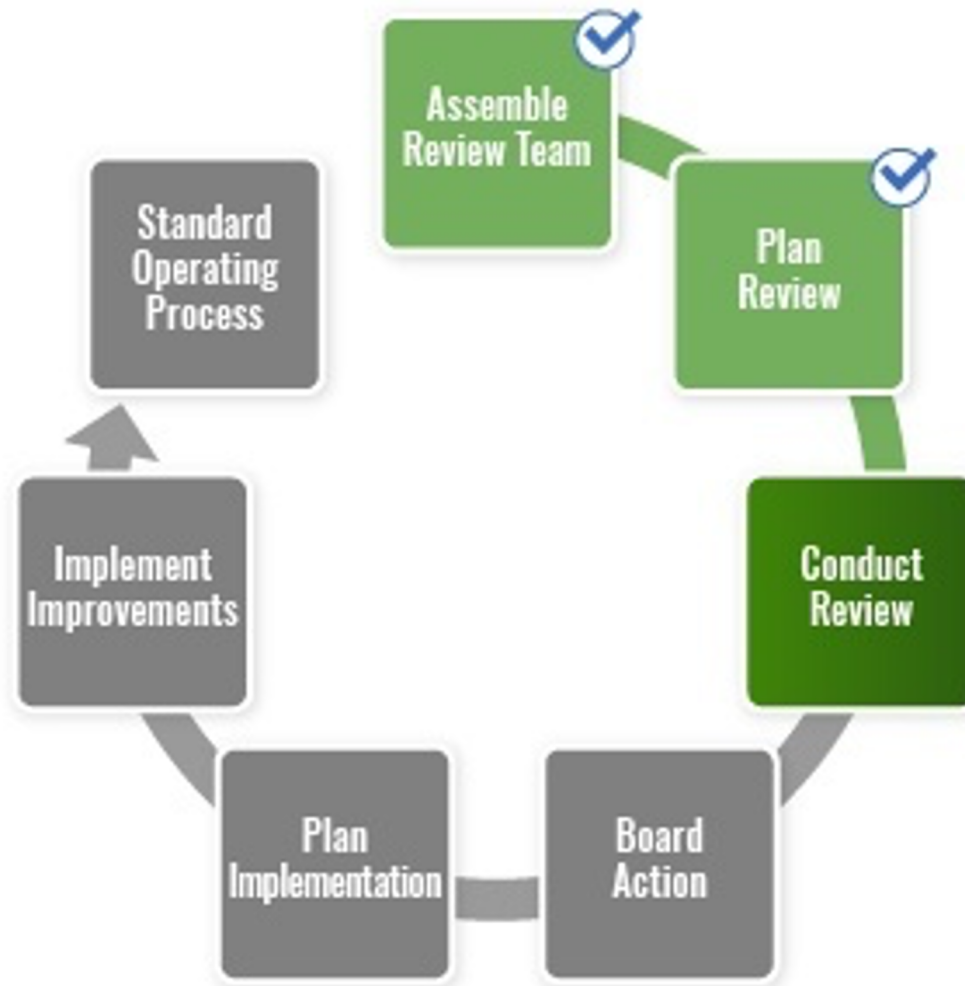
Next Steps

Background of the First IFR

IFR Background

- The IANA Naming Function Review (IFR) is one of the accountability mechanisms created as part of the IANA stewardship transition to ensure that ICANN, via its affiliate Public Technical Identifiers (PTI), meets the needs and expectations of its naming customers.
- On 16 September 2018, the first IFR was convened by the ICANN Board, in compliance with Article 18 of the ICANN Bylaws.
- On 6 September 2019, ICANN announced completion of the 13-member IANA Function Review Team (IFRT)
- On 6 December 2019, the IFRT had their first plenary meeting

Review Process



Review Team Composition

RT Member	Region	SO/AC
Frederico Neves	LAC	ccNSO
Peter Koch	EUR	ccNSO
Unguec Stephen Kang	AF	ccNSO nomination of non-ccNSO ccTLD manager
Rick Wilhelm	NA	RySG
Jean-Christophe Vignes	EUR	RySG
Kristian Ørmen	EUR	RrSG
Christian Dawson	NA	Commercial Stakeholder Group
Tomslin Samme-Nlar	AF	Non-Commercial Stakeholder Group

RT Member	Region	SO/AC
Mr. Andreas Dlamini	AF	GAC
Patrik Fältström	EUR	SSAC
Suzanne Woolf	NA	RSSAC
Kaili Kan	AP	ALAC
James Gannon	EUR	CSC Liaison
Kim Davies, PTI		PTI Liaison
Steve Conte, ICANN		ICANN Liaison
Danko Jevtovic, Board		ICANN Board Liaison

20 September 2019 - Frederico Neves is appointed co-Chair by the ccNSO

12 November 2019 - Tomslin Samme-Nlar is appointed co-Chair by the GNSO

Work Execution

- The IFRT conducted the review in accordance with the scope specified in [Article 18](#) of the ICANN Bylaws, which centers around a review and evaluation of PTI's performance of the IANA naming function against the contractual requirements in the [IANA Naming Function Contract](#) and the [IANA Naming Function SOW](#).

Review Methodology: Rules of Engagement

The review team wrote several founding documents to guide the review's execution:

- The [Rules of Engagement](#) provided the team with operating rules to set expectations on how to proceed with their work, as well as defining roles.
 - Principles of Operation
 - Roles & Responsibilities
 - ICANN org
 - Review Team Members
 - Review Team Leadership

Review Methodology: Scope of Work

- The [Scope of Work](#) followed the ICANN Bylaws, defining such points as:
 - The objective behind each scope requirement and how the team would execute it
 - What inputs should be sought and considered by the team
 - Where the review had dependencies and where the review should ensure there was no overlap with other work
 - Expected deliverables
 - Methodology for drafting recommendations

Review Methodology: Work Plan

- The Workplan created a practical and actionable path for the team.

IANA Naming Function Review Workplan, updated August 2020

Task Name	Start Date	End Date Goal	Duration (days)	Completion Date	% Complete
Assemble Review Team					
Plan Review					
<i>Administration</i>					
Determine leadership				12-Nov-19	100%
Determine role of observers			63	20-Jan-20	100%
Rules of Engagment, Scope Document and Workplan	3-Dec-19	4-Feb-20	63	4-Feb-20	100%
Determine need for subgroups, and structure	3-Dec-19	4-Feb-20	63	4-Feb-20	100%
Provide community with details on adopted Rules of Engagement, scope document and workplan through notification to the Board, and an announcement on ICANN.ORG	04-Feb-20	30-Mar-20	55	30-Mar-20	100%
Research & Studies					
Assemble repository of background materials	3-Dec-19	3-Dec-2019	1	3-Dec-19	100%
Identify briefings/data sources needed	04-Feb-2020	3-Mar-2020	28	3-Mar-20	100%

Work Plan Continued

- Current Phase the IFR is in:

Task Name	Start Date Goal	End Date Goal	Duration (days)	Completion Date	% Complete
Draft Report					
Administrative duties					
Adopt report format	30-May-20	30-Jun-20	31	26-May-20	100%
Internal review					
Draft Report	30-May-20	30-Jun-20	31	11-Aug-20	100%
Cross-check draft recommendations with scope and Bylaws	30-May-20	30-Jul-20	61	11-Aug-20	100%
Approve draft findings and recommendations	30-May-20	30-Jul-20	61	25-Sep-20	100%
Outreach on draft recommendations					
Seek input and guidance from appropriate ICANN and Community Groups according to the nature of the Recommendation and the Bylaws	1-Aug-20	30-Sep-20	60		
Publishing draft report					
Approve draft report for public comment	30-Sep-20	15-Nov-20	46		
Public comment and outreach on draft report					
Publish draft report for public comment	15-Nov-20	1-Dec-20	16		
Seek Board Caucus group and ICANN organization's input on implementability of draft recommendations	1-Dec-20	15-Jan-21	45	15-Sep-20	100%

****The IFR is still on target to complete by the original due date set by the team***

Recommendations

Recommendation 1

The IFRT recommends that PTI publishes the IANA Naming Function transition plan as required by the IANA Naming Function Contract in Article IX, Section 9.3 (a), (b), (c)

STATUS: *ICANN is in the process of working with PTI to publish the IANA Services Transition Plan to be in compliance with the IANA Naming Function Contract*

Recommendation 2

The IFRT recommends that the Annual Attestation of the PTI President, that PTI has complied with according to the requirements of Section 6.1 of the IANA Naming Function Contract, be posted on iana.org annually.

STATUS: *ICANN is in the process of publishing all Annual Attestations of Compliance and Transparency.*

Recommendation 3

The IFRT in conjunction with the CSC has identified a duplication in the ICANN bylaws. The remedial action procedures as generated by the CSC and PTI are referred to as components in the initiation of the Special IFR as outlined in Section 18.12 of the ICANN bylaws. However, the CSC and the IFRT have identified that section 18.12 (ii) is redundant as the RAP and the IANA problem resolution process were combined into a single set of procedures (the RAPs) by the CSC.

Recommendation 3 Cont.

(i) And (ii) are redundant: The Remedial Action Procedure is the same process as the IANA Problem Resolution Process

Section 18.12. SPECIAL IFRS

(i) The Remedial Action Procedures of the CSC set forth in the IANA Naming Function Contract shall have been followed and failed to correct the PTI Performance Issue and the outcome of such procedures shall have been reviewed by the ccNSO and GNSO according to each organization's respective operating procedures;

(ii) The IANA Problem Resolution Process set forth in the IANA Naming Function Contract shall have been followed and failed to correct the PTI Performance Issue and the outcome of such process shall have been reviewed by the ccNSO and GNSO according to each organization's respective operating procedures;

Recommendation 4

In Article 7 Section 7.1 (a)

The IFRT recommends that in the IANA Naming Function Contract, Article 7, Section 7.1 (a) this statement, "*The relevant policies under which the changes are made shall be noted within each monthly report*" be removed from the contract, as it is a legacy statement from the NTIA contract that is no longer required. Implementation of this requirement has long been recognised as being operationally impracticable, ever since the time of the NTIA contract, and the IFRT is satisfied that its continued inclusion in the Contract adds no value to the reports.

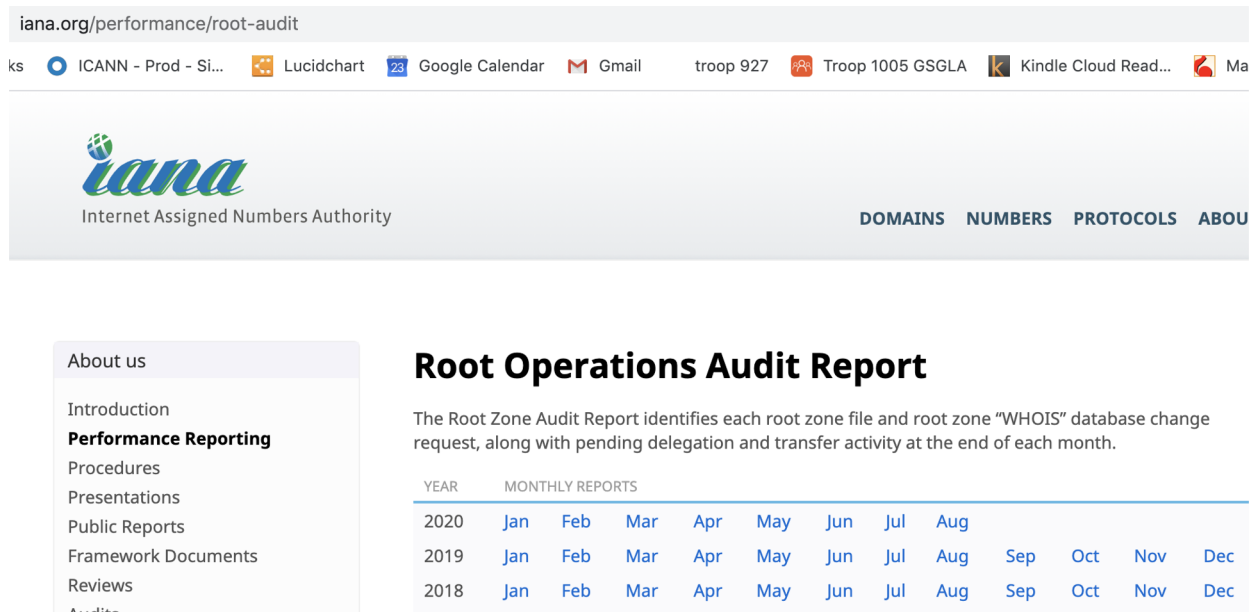
ARTICLE VII: AUDITS, MONITORING AND REVIEWS

Section 7.1 Audits.

(a) Contractor shall generate and publish via the IANA Website a monthly audit report identifying each root zone file and root zone "WHOIS" database change request and its status. The relevant policies under which the changes are made shall be noted within each monthly report. Such audit report shall be due to ICANN no later than 15 calendar days following the end of each month.

Recommendation 4, Cont.

- This section refers to the [Root Operations Audit Report \(https://www.iana.org/performance/root-audit\)](https://www.iana.org/performance/root-audit) which is published monthly by PTI.
 - This stipulation says that any Root Zone modification request be cross referenced with the relevant policy for that modification type and printed on the report alongside each modification.



The screenshot shows the IANA website interface. At the top, the URL [iana.org/performance/root-audit](https://www.iana.org/performance/root-audit) is visible in the browser's address bar. Below the address bar, there are several browser tabs and extensions, including ICANN - Prod - Si..., Lucidchart, Google Calendar, Gmail, troop 927, Troop 1005 GSGLA, Kindle Cloud Read..., and Ma. The main content area features the IANA logo (Internet Assigned Numbers Authority) and navigation links for DOMAINS, NUMBERS, PROTOCOLS, and ABOUT. A sidebar on the left contains a menu with the following items: About us, Introduction, **Performance Reporting**, Procedures, Presentations, Public Reports, Framework Documents, Reviews, and Audits. The main content area is titled "Root Operations Audit Report" and includes a brief description: "The Root Zone Audit Report identifies each root zone file and root zone 'WHOIS' database change request, along with pending delegation and transfer activity at the end of each month." Below this description is a table showing the structure of the reports by year and month.

YEAR	MONTHLY REPORTS											
2020	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2019	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2018	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

Recommendation 4 Cont.

- The IFRT noted that this formatting requirement
 - Is a carryover from the NTIA contract and is not currently relevant
 - There is not a specific policy to associate with each specific change request. Rather, there are a series of high level documents, such as RFC 1591 and the GAC Principles, that set the foundation for IANA naming function services.
- Implementing this recommendation will have no impact on the Root Operations Audit Reports as currently published. PTI will continue to operate as per current processes without a contractual gap.

Root Operations Audit Report

August 2020

Concluded Root Zone Modification Requests and Related Transactions

The following requests were implemented during the report period according to the relevant policies and procedures.

TLD	Change Details	Final status (Reason for non-completion if applicable)	Date of Implementation or Closure
pa	Remove name server DNS.NIC.CR	Completed	2020-08-01
corsica	Updated Administrative Contact	Completed	2020-08-04
eco	Multiple changes affecting Sponsoring Organisation, Administrative Contact	Completed	2020-08-04
ni	Multiple nameserver changes involving DNS-EXT.NIC.CR, DNS.NIC.CR, NS2.NI	Withdrawn	2020-08-05
voting	Multiple nameserver changes involving C.NIC.VOTING, D.NIC.VOTING, B.NIC.VOTING,	Completed	2020-08-06

We are consulting with the community now

Per the ICANN [Bylaws](#), Article 18, Section 18.5.d.(a):

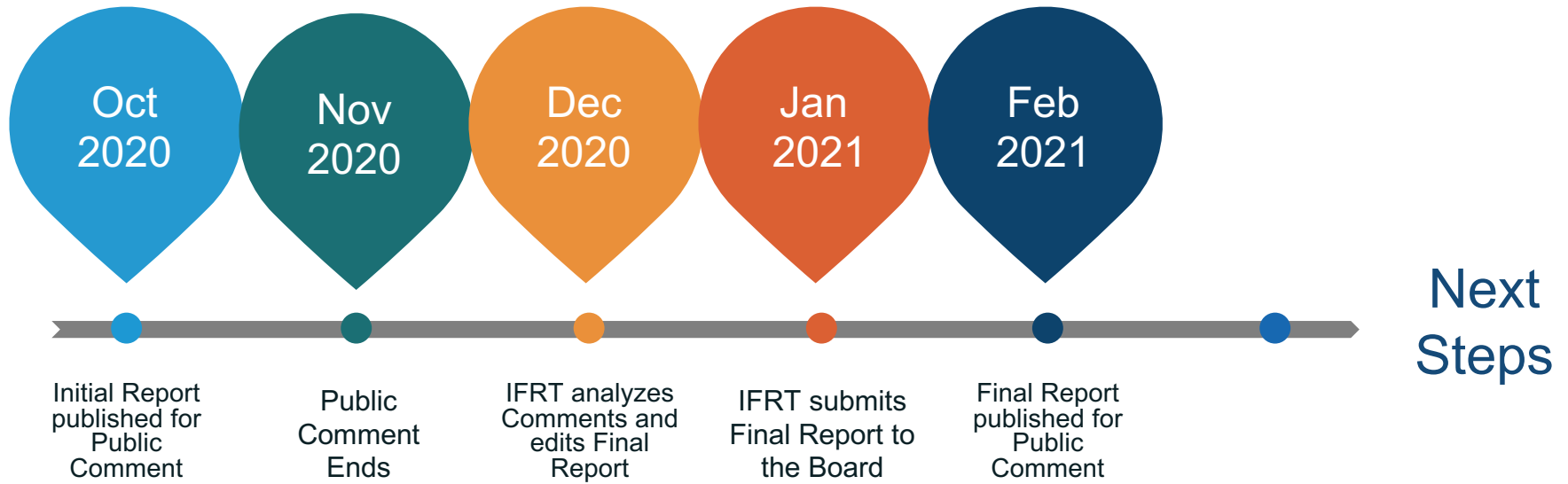
*"The IFRT may recommend, among other things to the extent reasonably related to the IFR responsibilities set forth in Section 18.3, amendments to the IANA Naming Function Contract, IANA Naming Function SOW and/or the CSC Charter. The IFRT shall, at a minimum, take the following steps before an amendment to either the IANA Naming Function Contract, IANA Naming Function SOW or CSC Charter is proposed:.....(iii) **Conduct a public input session for ccTLD and gTLD registry operators.**"*

Your engagement is requested

- Share your input with the IFRT:
 - via their public email list:
input-to-IFRT@icann.org (publically archived)
 - Through the Public Comment session for the IFR Initial Report (to be scheduled)
 - During the scheduled Engagement Session at ICANN69, Thursday, 22 October 2020 7:00-8:00 UTC
- Bookmark our wiki to follow our work and view meeting records:
<https://community.icann.org/display/ifr>

Next Steps

Projected Timeline



Engage with ICANN



Thank You and Questions

Visit us at <https://community.icann.org/display/ifr>

Email: input-to-IFRT@icann.org



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